Task 210
Subsurface Site Investigation Report

3 & 7 Hartford Road
Salem, Connecticut

ConnDOT Project No. 120-79

Prepared for

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

Newington, Connecticut

Prepared by

Windsor, Connecticut

August 2009

TASK 210 SUBSURFACE SITE INVESTIGATION REPORT 3 & 7 HARTFORD ROAD SALEM, CONNECTICUT

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TRC
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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 3 & 7 Hartford Road (collectively referred to as the "site") in Salem, Connecticut (Figure 1). This investigation was conducted as part of the preliminary activities associated with determining if the site is appropriate for acquisition and for ultimate use as a wetland mitigation area.

1.2 Objectives

The primary objective of this Task 210 subsurface investigation was to determine if there are any impacts to the subsurface soils or ground water at the site that would preclude the use of the site in meeting the wetland mitigation requirement associated with a nearby roadway safety improvements project.

The analytical results of the soil and ground water sampling conducted as part of this Task 210 have been compared to the numerical criteria set forth in Connecticut's Remediation Standard Regulations (RSRs) in order to determine the magnitude of any impacts. This evaluation of the data will aid in determining, at least in part, if the property is appropriate for the intended purpose and if it is acquired, will aid in managing impacted materials encountered during the wetland mitigation project.

1.3 Background

Based on a December 2, 2008 memo provided to TRC and limited discussions with ConnDOT personnel, it is TRC's understanding that ConnDOT is investigating the potential of acquiring the 3 and 7 Hartford Road (Route 85) parcels in Salem. Pending the results of this investigation, this site may be used for a wetland mitigation project. Background information related to this site is contained in reports which were provided to TRC by ConnDOT personnel. Specifically, excerpts from an Atlantic Environmental Task 110 report dated September 1995 prepared for the properties along the Route 82 and Route 85 construction zone were reviewed. In addition, a December 1995 Task 120 report and a June 1996 Task 210 report, both prepared for the 3 Hartford Road parcel by Atlantic Environmental, were also reviewed. Information obtained from the review of these documents is summarized below.

The September 1995 Task 110 report prepared for the reconstruction of Routes 82 and 85 provided some basic information regarding both the 3 and 7 Hartford Road parcels. The 3 Hartford Road parcel was identified as housing a service garage at the time of the evaluation. Hydraulic lifts and aboveground storage tanks (ASTs) were observed at this property. The 7 Hartford Road parcel was identified at the time of the evaluation as being a residential property with a welding/blacksmith shop located to the rear of the residence. Fill and vent pipes presumed to be associated with an interior heating fuel AST was observed outside of the residence. Information obtained from local records indicated that the structures present at both parcels are heated by oil-burning furnaces (thereby confirming the need for heating fuel storage at the sites) and are served by septic systems and a private well.

Based on the findings of the Task 110 evaluation, a Task 120 was subsequently performed for the 3 Hartford Road parcel, the findings of which were published in a December 1995 Atlantic Environmental report. Details from the Task 120 report regarding the property indicated that the property consists of 0.7 acres of land developed with a one-story, 3,200 square-foot building and its associated un-paved parking lot. The property owner indicated that fill material from a local sand and gravel operation had been used to fill in a portion of the southwestern part of the property. The building was constructed primarily as slab-on-grade, with a crawl space located just beneath the portion of the building that was used as an office.

Several relevant items of interest were identified as part of the evaluation. According to the owner of the property at the time of the evaluation, a gasoline station and auto service garage was constructed on the property in 1925. He noted that the gasoline station portion of the operation had ceased in the 1960s. Property tenant information obtained through the Salem Building Department and the information provided by the property owner at the time of the evaluation indicates that property had been occupied primarily by auto repair and service shops since the development of the property, with one notable exception. The Waterford Construction Company reportedly occupied the property from approximately 1987 to 1988. This company was identified in the historic records as a regulated waste and hazardous waste transporter and correspondence in the files at the Connecticut Department of Environmental Protection (CTDEP) and the Town of Salem indicated that enforcement actions were taken against the company for transporting waste oil without a permit.

Additional information was obtained during the Task 120 evaluation either through discussion with the property owner or by direct observation of the conditions at the auto garage.

- According to the property owner, an exterior auto greasing pit was located to the northwest of the service garage and underground storage tanks (USTs) were previously located both to the front and rear of the gasoline station/repair garage. The USTs located to the front of the property (east of the building, in the vicinity of the former pump island) were associated with the gasoline station and those located to the rear of the building were associated with ConnDOT truck parking and refueling activities that reportedly occurred there for approximately 40 years. The USTs were reported by the property owner to have been removed in the 1960s.
- A floor drain was observed beneath one of the hydraulic lifts. According to information obtained from the tenant operating the auto repair shop at the time of the inspection, the floor drain was used primarily for snow melt-water collection. When full, the water was pumped from the drain (from a small sump area) to the ground surface outside of the building. There were no stains observed around the floor drain or the discharge point at the time of the site inspection.
- A stained slop sink was observed in the garage area which emptied into the septic system located to the south of the garage building (note that the property owner was aware of the location of the septic tank, but was not certain of the location of the leaching fields).
- In addition to the slop sink present in the garage, a parts cleaner was also observed. Atlantic Environmental reviewed the manifests associated with the cleaning fluids generated in the parts cleaner and determined that the site was considered to be a Conditionally Exempt Small Quantity Generator.
- Containers of oil, lacquer thinner, anti-freeze and petroleum naphtha were observed at the time of the 1995 site visit.
- A transformer was observed to the south of the building. At the time of the inspection, the transformer was noted to be in good condition (with no indications of leaks) and Connecticut Light and Power indicated that it was likely non-PCB-containing.
- The two ASTs that were originally observed as part of the Task 110 activities were observed as part of the Task 120 to be under cover and in a bermed area. It was

determined that one of the ASTs was used to store heating fuel and that the other stored used oil. No evidence of leaks from either AST was observed.

- The septic tank for the adjacent property (7 Hartford Road) was identified as being located on the 3 Hartford Road property. The figure associated with the Task 120 evaluation showed that the tank was located to the west of the AST area.
- A drinking water well used by both the 3 and 7 Hartford Road properties was identified behind the residence located at 7 Hartford Road. According to the property owner (who also owns the 7 Hartford Road property), the well was tested every 6 months and the water quality was determined to be acceptable.

The evaluation conducted in 1995 did not identify any spills or releases recorded for the 3 Hartford Road property, however, several releases were noted related to surrounding properties. Specifically, several releases were recorded for the intersection of Route 82 and 85 and a leaking UST was reported at the convenience store/gasoline station located across the road to the northeast of the 3 Hartford Road parcel. A petroleum spill was also noted for the former Salem General Store, located across the street to the southwest of 3 Hartford Road.

Subsequent to the completion of the Task 120 for the 3 Hartford Road property, a Task 210 subsurface investigation was conducted within the ConnDOT right-of-way for this parcel. This investigation focused on the areas along the curb lines that were proposed for the reconstruction of Routes 82 and 85 and did not focus on the potential areas of environmental concern as determined based on the findings of the Task 120 evaluation. The Task 210 report prepared by Atlantic Environmental (dated June 5, 1996) indicated that three soil borings were collected within the right-of-way of the 3 Hartford Road property. Soil samples were collected from all three soil borings and one grab ground water sample was collected. The soil samples, which were all collected from 0 to 4 feet below grade, were subjected to analysis for the following: volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH) and polychlorinated biphenyls (PCBs), with one of the soil samples also analyzed for total and synthetic precipitation leaching procedure (SPLP) RCRA 8 metals. The ground water sample was analyzed for VOCs and metals. The results of the soil sampling, as presented in Atlantic's 1996 report, indicated the presence of low concentrations of metals and moderate to high concentrations of TPH. VOCs were not detected in the soils, nor were PCBs. The ground water

sample exhibited low concentrations of metals and did not exhibit detectable concentrations of VOCs.

1.4 Geologic/Physical Setting

As indicated by the Surficial Materials Map of Connecticut (Stone et al, 1992), the site is located in an area underlain by sand and gravel. Additional information provided on the mapping indicates that mixtures of sand and gravel are present in individual layers and as alternating layers that are well to poorly-sorted. As indicated in Section 1.3, the property owner indicated that fill material from a local sand and gravel operation had been used to fill in a portion of the southwestern part of the property. Soil borings that were advanced as part of this investigation yielded information on the characteristics of the soils in the project area that is generally consistent with the information presented on the geologic mapping and that which was stated by the property owner. Several of the soil borings advanced at the site also contained silt and peat. As indicated by the Geological Map of Connecticut (Rogers, 1985), the site is located within the Eastern Uplands. The site is underlain by Rope Ferry Gneiss, an inter-layered light to dark-colored fine to medium-grained gneiss.

The topography in the immediate project area can be characterized as generally flat. Ground water generally flows from high topographic points to low topographic points, but can also be heavily influenced by aquifer type, depth to bedrock, nearby watercourses, ground water use (withdrawal wells) and subsurface structures. Based on the local topography and features, ground water is anticipated to flow to the southwest, toward Harris Brook (a class A surface water body). According to CTDEP ground water classification maps reviewed by TRC, ground water beneath the site of the proposed project is classified as GA-impaired.

2.0 TECHNICAL APPROACH

This section of the report summarizes the Ground Penetrating Radar (GPR) survey conducted on-site prior to the soil boring program as well as the soil and ground water sampling techniques employed during the Task 210 field investigation. Observations made in the field are also summarized in this section. Except where noted, the Task 210 work performed at this site was completed in accordance with the document titled *Work Plan for Task 210 Subsurface Site Investigation: 3 & 7 Hartford Road, Salem, CT,* completed by TRC in April 2009.

The work plan proposed collecting two soil samples per boring from a total of thirty-five soil boring locations (27 at the 3 Hartford Road parcel and eight at the 7 Hartford Road Parcel) for laboratory analysis. In addition, a total of ten grab ground water sampling locations were proposed. Based on observations made during a preliminary site visit by TRC, the number of borings on the 3 Hartford Road parcel was reduced to twenty-two and the number borings on the 7 Hartford Road Parcel was increased to nine. Also note that four of the borings and one of the grab ground water sampling locations were proposed for the interior of the building on the 3 Hartford Road parcel. As TRC was not granted access to this building, these borings were not drilled, further reducing the total number of soil boring locations on the 3 Hartford Road parcel to eighteen and the overall number of grab ground water sampling locations to nine.

All of the soil and ground water samples were collected from nine areas of interest on the 3 Hartford Road parcel and four on the 7 Hartford Road parcel, as identified in TRC's April 2009 Work Plan. The Work Plan also identified three interior areas of interest on the 3 Hartford Road parcel. As previously mentioned, TRC was not allowed access to the interior of the building as part of this investigation and therefore, could not assess soil or ground water conditions in these areas of interest. Table 1 depicts each area of interest and their associated soil boring/grab ground water sample identifications.

Figure 2 depicts a site plan which includes the soil boring and grab ground water sampling locations. A total of forty-four soil samples were collected from twenty-seven soil borings. In general, two soil samples per boring were collected except in cases where there was not sufficient unsaturated soil above the water table to warrant the collection of a second sample. All soil samples were submitted to the laboratory for the following analyses: VOCs by EPA Method 5035/8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, Connecticut extractable total petroleum hydrocarbons (ETPH) by Connecticut Method 01, total

CT RSR 15 metals by EPA Methods 7000 series and polychlorinated biphenyls (PCBs) by EPA Method 8082. Seven of the soil samples were also submitted to the laboratory for Synthetic Precipitation Leaching Procedure (SPLP) polynuclear aromatic hydrocarbon (PAH) analysis. Twenty-seven of the soil samples were also submitted to the laboratory for SPLP CT RSR 15 metals and twenty-six of the soil samples were submitted to the laboratory for SPLP PCBs. The grab ground water samples were submitted for the same analyses as the soil samples. All samples were analyzed by Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut, following proper chain-of-custody procedures.

2.1 Preliminary Activities

Prior to beginning the investigation, TRC marked the boring locations with white paint on the pavement and metal flags set into the ground. "Call Before You Dig" (CBYD) was contacted to mark the locations of buried utilities in the proposed work zones. Preliminary activities also included the preparation of a Health and Safety Plan (HASP) to address the work completed as part of this Task 210 as well as completion of a GPR survey (as discussed below).

2.2 GPR Survey

A GPR survey was conducted at the subject property on May 11, 2009 by Sub-Surface Informational Surveys Incorporated (SIS) of East Longmeadow, Massachusetts. The purpose of the GPR survey was to investigate the potential presence of suspected USTs on the 3 Hartford Road parcel. In addition, the findings of the survey were also evaluated to identify underground utilities in the vicinity of the proposed soil boring locations. The GPR survey was conducted over all exterior portions of the site. A copy of the SIS report is located in Appendix A.

There were no indications of the presence of USTs identified on any portion of the site accessible by the GPR survey unit. The location of a septic tank was identified on the eastern portion of the site. The location of the septic tank was marked using white paint at the time of the survey to facilitate placement of soil borings during the drilling portion of the investigation.

2.3 Soil Sampling Program

Methodology

A total of twenty-six soil borings were advanced at the site on May 18, 19 and 20, 2009 by Logical Environmental Solutions (LES) of Tolland, Connecticut, under direct supervision of TRC personnel. These borings were advanced utilizing a truck-mounted GeoProbe™. In addition, one surface soil sample was collected from beneath the fill and vent pipes located on the northwestern side of the building located on the 7 Hartford Road parcel utilizing a hand auger.

Soil cores were collected continuously from the ground surface to a maximum depth of eight feet below grade (shallower than originally proposed based on the presence of ground water in the shallow subsurface). Each four-foot soil core (collected in an acetate Macro-Core® liner) was logged with respect to soil characteristics (i.e., grain size, moisture content and any other physical characteristics) and indications of potential impacts (e.g., stains and odors). In addition, each core was field-screened using a photoionization detector (PID) prior to the collection of soil samples for analysis. In general, two soil samples per boring were collected except in cases where there was not sufficient unsaturated soil above the water table to warrant the collection of a second sample. The samples were selected on the basis of visual impacts, olfactory impacts, screening results and potential release mechanisms. Soil boring logs are presented in Appendix B.

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

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

Field Observations

Based on the descriptions of the soil cores, the site is underlain primarily by fine-to medium-grained sand with varying amounts of silt, coarse-grained sand and gravel. In addition, trace broken glass was observed in the shallow soils at boring location SB-8 and trace brick fragments were observed in the shallow soils at boring location SB-24. A layer of peat, ranging in thickness to in excess of two feet, was also observed at the site. It was encountered at depths ranging from five to six feet below grade on the 3 Hartford Road parcel and from two to three feet below grade on the 7 Hartford Road parcel.

Drilling refusal was encountered in one boring, SB-1, at approximately 7.5 feet below grade. Based on drilling conditions, the refusal appeared to be due to the presence of a concrete obstruction. Note that TRC directed LES to attempt one offset located five feet to the northeast of the original SB-1 location. Drilling refusal was also encountered at this location at 7.5 feet below grade on what again appeared to be concrete. Ground water was typically encountered in the borings at depths ranging from 2.5 to 5 feet below grade at the 3 Hartford Road parcel and from 0.5 to 3 feet below grade at the 7 Hartford Road parcel.

Field evidence of contamination (i.e., elevated PID readings, odors and/or soil staining) was observed at boring locations SB-1, SB-2, SB-3 and HA-1. Soils contained in the core collected from four to eight feet below grade at boring location SB-1 exhibited a slight petroleum odor. The odor was noted to become stronger with depth and was strongest between five and seven feet below grade. Black staining was also observed along this interval as well. The petroleum odor was not as strong from seven to eight feet below grade and no staining was observed in this interval. PID readings within this boring ranged from 0 parts per million (ppm) from four to five feet below grade, 45 ppm from five to seven feet below grade and 22 ppm from seven to eight feet below grade. Ground water was not encountered at this boring location.

The soils collected from boring location SB-2 exhibited a slight petroleum odor in the four to eight foot below grade interval, with a corresponding PID reading of 5.5 ppm. A small area of black staining was observed at approximately five feet below grade. Ground water was observed at this boring location at approximately four feet below grade.

The soils collected from boring location SB-3 exhibited petroleum odors in the four to eight foot interval. The odors were noted to become stronger with depth and corresponded to black staining that was observed along the entire interval. PID readings associated with this

boring ranged from 0 ppm at four feet below grade, 20 ppm at six feet below grade and 54 ppm at seven feet below grade. Ground water was observed at approximately five feet below grade at this location.

The surface soil sample (HA-1) exhibited a slight petroleum odor and an associated PID reading of 5 ppm. No staining was associated with this sample.

None of the soils from the remaining locations exhibited visual or olfactory evidence of potential impacts, nor were there other PID readings recorded above 0 ppm.

2.4 Ground Water Sampling Program

Methodology

TRC directed LES to insert temporary well points consisting of one-inch diameter PVC screen (10-slot or 0.01-inch openings) and solid PVC risers into seven of the boreholes across the site (SB-2, SB-6, SB-8, SB-15, SB-18, SB-19 and SB-21) after completion of their respective soil borings. The screened sections were placed in the borehole such that they intersected the water table. The formation was allowed to collapse around the screen and riser. Ground water from each of the seven microwells was evacuated prior to sampling using a peristaltic pump with dedicated silicon and Tygon™ tubing. Grab ground water sampling was conducted at all seven of the temporary wells using the peristaltic pump.

During a preliminary site visit, TRC observed what appeared to be a permanent monitoring well installed in the southern portion of the 3 Hartford Road parcel. This monitoring well was located near SB-11, a location in which the Work Plan called for the installation of a temporary well point. After determining during the drilling activities that the permanent monitoring well was viable, it was decided to collect a grab ground water sample from this well, rather than installing a temporary well point in SB-11. (Note that as this well was not installed under TRC's direction, the well construction details are not known.)

All of the ground water samples were collected in laboratory-supplied containers and were cooled for shipment to the laboratory under proper chain-of-custody procedures.

Field Observations

The depth to water in the permanent monitoring well identified on the southern portion of the 3 Hartford Road parcel was measured to be 2.5 feet below grade. The depth to the bottom of

the well was measured to be 15 feet below grade. The water evacuated from the monitoring well prior to and during sampling was observed to be clear.

The depth to water in the remaining temporary well points ranged from 0.5 feet below grade (SB-21/TW-5) to 4.0 feet below grade (SB-2/TW-1, SB-6/TW-2, SB-8/TW-3 and SB-15/TW-4).

The ground water evacuated from each of the temporary well points was initially characterized as very silty, but became clear as more water was purged from the wells. A slight petroleum odor was associated with the purge water from TW-2, however, no sheen was observed. No odors or sheens were noted in the purge water from the remaining temporary well points.

2.5 Field Quality Control Samples

Field blanks and duplicate samples were collected as part of this sampling event, in order to ascertain a measure of quality control. The following sections describe the purpose and usage of each of these types of samples.

2.5.1 Field Blanks

Three Field blanks were collected in order to determine the effectiveness of the decontamination of sample collection equipment and the possible effects of ambient field conditions on samples. The field blanks were collected by pouring laboratory-supplied, HPLC-grade, ASTM Type II water for organic analyses over/in the decontaminated sample collection equipment and into the appropriate sample containers. The field blanks were analyzed for the same analytical parameters as the samples collected on a given day. The field blanks that were collected as part of this investigation were labeled "FB051809", "FB051909" and "FB052009".

2.5.2 Solvent Blanks

Solvent blanks prepared by the laboratory are used to assess whether the extraction solvents provided by the laboratory for the field preservation of soil samples to be analyzed for VOCs have been tainted. The solvent blanks also serve to assess the possible effects of ambient field conditions on the samples. A solvent blank was submitted with the environmental samples collected as part of this investigation and was labeled "SB051909".

2.5.3 Field Duplicates

Duplicate samples are two separate samples taken from the same source. The procedure for collecting duplicate samples consisted of alternating the collection of the sample between the primary sample bottle and the duplicate bottle. Field duplicate samples were analyzed for the same analyses as the original sample (with the exception of the SPLP parameters). Three duplicate soil samples, labeled "SB-13A(0-2)", "SB-17A(0-2)" and "HA-1A(0-2)" were collected as part of this investigation. In addition, one duplicate grab ground water sample, labeled "TW-4A" was collected as part of this investigation.

3.0 INVESTIGATION RESULTS

The following section provides a summary of the analytical results of the soil and ground water sampling conducted at the site. The soil analytical results are summarized in Table 2 and the ground water sample analytical results are summarized in Table 3. In accordance with the work plan, all of the soil and ground water samples collected at the site were analyzed for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 metals. Select soil samples were also analyzed for SPLP PAHs, SPLP PCBs and SPLP CT RSR 15 metals. A copy of the laboratory reports is provided in Appendix C.

Although the site is not currently subject to the Transfer Act, the Voluntary Cleanup Program, nor the requirements of a Consent Order, the analytical results are being compared to the Connecticut RSRs to evaluate the presence of contaminants within the investigated area. This allows for determination of the presence of impacts at the site and, should ConnDOT acquire the site for construction purposes, the subsequent management of contaminated media in a manner consistent with applicable regulations. The reported concentrations for soils are compared to the Direct Exposure Criteria (DEC) and the Pollutant Mobility Criteria (PMC) under the RSRs. Specifically, the Residential Direct Exposure Criteria (RDEC) and GA PMC are the default criteria to which the soil concentrations are compared. The reported concentrations for ground water are compared to the Ground Water Protection Criteria (GWPC), the Surface Water Protection Criteria (SWPC) and the Residential Ground Water Volatilization Criteria (R GWVC). Note that both the Industrial/Commercial (I/C) DEC and GWVC are noted on the tables. The I/C criteria are not readily applicable at sites unless an Environmental Land Use Restriction is implemented, however, they are provided as another means of comparison of the data.

3.1 Soil Sample Results Summary

VOCs

As indicated in Table 2, VOCs were detected in the soil samples collected from seven of the twenty-seven boring locations at the site. Specifically, the following VOCs were detected in one or more soil samples: 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-isopropyltoluene, benzene, ethylbenzene, isopropylbenzene, m&p-xylene, o-xylene, naphthalene, n-butylbenzene, n-propylbenzene, p-isopropyltoluene, sec-butylbenzene, tert-butylbenzene and toluene. The

majority of the detected VOCs were associated with soil samples SB-1(5-7) and SB-16(2-3), with naphthalene being the only VOC detected in the remaining samples. VOC concentrations across the site ranged from 12 parts per billion (ppb) (naphthalene in soil sample SB-8(2-4)) to 42,000 ppb (1,2,4-trimethylbenzene in soil sample SB-1(5-7)).

Both soil samples SB-1(5-7) and SB-16(2-3) exhibited concentrations of VOCs that exceed the GA PMC. It should be noted that with the exception of benzene in soil sample SB-16(2-3), the remaining VOC exceedances are associated with soil sample SB-1(5-7). None of the remaining reported concentrations of VOCs exceed the RSR criteria.

SVOCs

As indicated in Table 2, there were SVOCs (specifically, PAHs) detected in the soil samples collected from twenty of the twenty-seven borings locations across the site. Specifically, the following SVOCs were detected in one or more samples collected from across the site: bis(2-ethylhexyl)phthalate (390 ppb - 470 ppb) acenaphthene (1,300 ppb), acenaphthylene (390 ppb - 12,000 ppb), anthracene (390 ppb - 11,000 ppb), benzo(a)anthracene (380 ppb - 36,000 ppb), benzo(a)pyrene (390 ppb - 29,000 ppb), benzo(b)fluoranthene (430 ppb - 33,000 ppb), benzo(g,h,i)perylene (540 ppb - 15,000 ppb), benzo(k)fluoranthene (350 ppb – 9,500 ppb), chrysene (370 ppb - 36,000 ppb), dibenzofuran (850 ppb), dibenz(a,h)anthracene (750 ppb - 5,000 ppb), fluoranthene (390 ppb - 59,000 ppb), fluorene (2,500 ppb - 6,200 ppb), indeno(1,2,3-cd)pyrene (440 ppb - 12,000 ppb), naphthalene (770 ppb), phenanthrene (440 ppb - 44,000 ppb) and pyrene (400 ppb - 75,000 ppb).

Concentrations of SVOCs were elevated with respect to RSR criteria in fourteen of the twenty locations in which SVOCs were detected. Specifically, soil samples SB-3(1-2), SB-4(4-5), SB-5(0-2), SB-7(2-4), SB-8(2-4), SB-10(2-4), SB-11(0-2), SB-12(2-4), SB-13(2-4), SB-14(0-2), SB-14(2-3), SB-16(2-3), SB-15(2-3) and SB-26(0-2) exhibited elevated concentrations of one or more SVOC with respect to the GA PMC, the RDEC and (with the exception SB-3 and SB-5) the I/C DEC.

SPLP PAHs

As indicated in Table 2, leachable PAHs (as determined by the SPLP extraction and analysis) were detected in three of the seven soil samples submitted for SPLP PAH analysis.

Specifically, concentrations of leachable benzo(a)anthracene (0.06 ppb in soil sample SB-4(4-5)), benzo(b)fluoranthene (0.11 ppb in soil sample SB-4(4-5)), 2-methylnaphthalene (13 ppb in soil sample SB-1(5-7)), naphthalene (33 ppb in soil sample SB-1(5-7)) and phenanthrene (0.43 ppb in soil sample SB-3(4-5)) were detected. None of the reported concentrations of SPLP PAHs exceed the RSR criteria.

ETPH

As shown in the results summary in Table 2, ETPH was detected above the reporting limit at 17 of the soil boring locations. Specifically, the reported ETPH concentrations range from 74 ppm in soil sample SB-26(2-3) to 3,200 ppm to soil sample HA-1A(0-2) (the duplicate of soil sample HA-1(0-2)).

The reported concentrations of ETPH in the soil samples SB-4(4-5) (1,100 ppm), SB-7(2-4) (720 ppm), SB-8(2-4) (2,500 ppm), SB-10(2-4) (2,200 ppm), SB-12(2-4) (880 ppm), SB-14 (2,200 ppm), SB-16(2-3) (2,500 ppm), SB-15(2-3) (840 ppm), SB-26(0-2) (1,600 ppm), HA-1(0-2) (2,400 ppm) and its associated duplicate sample HA-1A(0-2) (3,200 ppm) exceed the GA PMC and the RDEC. In addition, the concentration detected in duplicate soil sample HA-1A(0-2) also exceeds the I/C DEC.

PCBs

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

SPLP PCBs

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

Metals

Total Metals

Concentrations of one or more of the CT RSR 15 metals listed below were detected in each of the soil samples collected as part of this investigation. Specifically, arsenic (0.8 ppm - 17.2 ppm), barium (16.8 ppm - 152 ppm), beryllium (0.3 ppm - 0.57 ppm), cadmium (0.39 ppm -

1.29 ppm), chromium (3.77 ppm - 25.8 ppm), copper (4.5 ppm - 10,100 ppm) lead (0.45 ppm - 294 ppm), mercury (0.23 ppm), nickel (2.91 ppm - 12.8ppm), vanadium (4.65 ppm - 34.5ppm) and zinc (12 ppm - 1,000ppm) were detected in site soils.

The reported concentrations of arsenic in soil samples SB-3(1-2) and SB-25(0-2) (10.2 ppm and 17.2 ppm, respectively) exceed both the RDEC and the I/C DEC. In addition, the concentration reported for copper in soil sample SB-17A(0-2) (the duplicate of soil sample SB-17(0-2)) exceeds the RDEC. None of the remaining concentrations of metals exceed their respective criteria.

SPLP Metals

As indicated in Table 2, concentrations of one or more leachable CT RSR 15 metals were detected in site soils. Specifically, arsenic (0.004ppm - 0.009ppm), barium (0.014 ppm -0.197 ppm), copper (0.014 ppm - 0.035 ppm), lead (0.015 ppm - 0.109 ppm), nickel (0.012 ppm -0.049 ppm), vanadium (0.012 ppm) and zinc (0.012 ppm - 0.186 ppm) were detected in site soils.

With the exception of the concentration of leachable lead detected in soil sample SB-8(2-4), all of the reported concentrations of lead exceed the GA PMC. None of the remaining reported concentrations of leachable metals exceed their respective criteria.

3.2 Ground Water Sample Results Summary

VOCs

As indicated in Table 3, VOCs were detected in three of the eight grab ground water samples collected at the site. Specifically, methyl tertiary butyl ether (MTBE) was detected in the grab ground water samples identified as MW-1 and TW-2 at concentrations of 1.7 ppb and 53 ppb, respectively. In addition, 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene were detected in grab water sample TW-1 at concentrations of 2.1 ppb and 1.3 ppb, respectively.

None of the reported concentrations of VOCs exceed their respective criteria.

SVOCs

SVOCs were detected in seven of the eight grab ground water samples collected at the site. As shown in Table 3, bis(2-ethylhexly)phthalate, acenaphthylene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene,

dibenz(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene and pyrene were detected in the ground water at the site. Concentrations of SVOCs ranged from 0.053 ppb (benzo(a)anthracene in ground water sample TW-7) to 20 ppb (pyrene in ground water sample TW-4).

The reported concentrations of several SVOCs exceed the GWPC and/or the SWPC. The majority of the reported SVOC exceedances are associated with grab water samples TW-3 and TW-4. The reported concentrations of bis(2-ethylhexyl)phthalate in samples TW-1 (2.2 ppb) and TW-2 (2.6 ppb) exceed the GWPC and the reported concentration of phenanthrene in grab ground water sample TW-7 exceeds the SWPC.

ETPH

ETPH was detected above the reporting limit in one of the eight grab ground water samples collected at the site. As shown in Table 3, the reported concentration of ETPH in sample TW-4 (0.4 ppm) exceeds the GWPC.

PCBs

PCBs were not detected above the reporting limit in any of the grab ground water samples collected at the site.

Metals

As indicated in Table 3, concentrations of one or more of the CT RSR 15 metals were detected in all of the grab ground water samples collected at the site. Specifically, arsenic (0.005 ppm - 0.011 ppm), barium (0.029 ppm - 0.544 ppm), cadmium (0.001 ppm), chromium (0.001 ppm - 0.029 ppm), copper (0.006 ppm - 0.059 ppm), lead (0.004 ppm - 0.189 ppm), nickel (0.001 ppm - 0.022 ppm), vanadium (0.004 ppm - 0.022 ppm) and zinc (0.013 ppm - 0.254 ppm) were detected in the ground water.

The reported concentrations of arsenic in MW-1, TW-1, TW-4 and TW-6 exceed the SWPC, while the reported concentration of arsenic in TW-7 exceeds both the GWPC and SWPC. The reported concentrations of lead exceed both the GWPC and the SWPC in the samples TW-4 and TW-7. The reported concentration of zinc in TW-4 exceeds the SWPC. None of the remaining concentrations of metals exceed their respective criteria.

3.3 Quality Assurance / Quality Control Sample Analytical Results

As indicated in Section 2.5, three field rinsate blanks and one solvent blank were submitted to the laboratory as part of this sampling program for quality assurance / quality control purposes. Copper was detected at a concentration of 0.006 ppm in field blanks labeled "FB051809" and "FB051909". Zinc was also detected in the field blank collected on May 18, 2009 at a concentration of 0.002 ppm. The presence of copper and zinc in the field blanks suggests that a small portion of those metals detected in the samples on those days may be due to influences from the sampling equipment. No other compounds were detected above reporting limits in the field blanks associated with this investigation.

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

A comparison of the analytical results from samples SB-13(0-2), SB-17(0-2), HA-1(0-2), TW-4 and their associated duplicates (SB-13A(0-2), SB-17A(0-2), HA-1A(0-2) and TW-4A, respectively) indicated a general consistency between the samples. Note that the copper concentration reported for soil sample SB-17(0-2) (15.1 ppm) is substantially lower than that reported for its duplicate sample (10,100 ppm). There is very little sample volume required for metals analysis and as such, despite the best collection methods, it appears clear that there was something in the duplicate sample that influenced the copper concentration that was not in the original soil sample.

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 2009. Also included are recommendations based on these findings/conclusions.

4.1 Soil

1. The soil borings drilled at the site were advanced to a maximum depth of twelve feet below grade. In general, the soils at the site can be characterized as fine- to medium-grained sand with varying amounts of silt, coarse-grained sand and gravel. A layer of peat, which ranges in thickness to in excess of two feet, was encountered at depths ranging from five to seven feet below grade at the 3 Hartford Road parcel and from 2 to 3 feet below grade at the 7 Hartford Road parcel. Drilling refusal was encountered at one soil boring location (SB-1) at approximately 7.5 feet below grade on what appeared to be concrete. TRC directed the driller to attempt one offset, located five feet to the northeast of the original SB-1 location, and encountered refusal on what again appeared to be concrete. Field evidence of contamination (i.e., elevated PID readings, odors and/or staining) was observed at boring locations SB-1, SB-2, SB-3 and HA-1.

2. The results of the analysis of the soil samples collected from across the site indicated the following: VOCs are present in the soil at two locations (SB-1 and SB-16) at elevated concentrations relative to the "default" criteria (the RSRs) used for comparison purposes to evaluate the data. In addition, soils collected from four other locations (SB-8, SB-12, SB-13 and SB-26) indicated the presence one VOC (naphthalene) at low concentrations relative to the criteria. The soil borings in which the elevated VOCs were detected were located in areas of the site where petroleum products were used/handled, specifically, the former pump island (SB-1) and the former truck parking and re-fueling area (SB-16). The other soil borings in which low concentrations of naphthalene (a petroleum-related constituent) were detected were also located in areas where petroleum was used or stored; specifically in the area of the former USTs and in the former truck parking and refueling area. Soil boring SB-26, although drilled to address conditions associated with the 3 Hartford Road septic system, is also in close proximity to the areas in which petroleum was stored or handled.

   Elevated concentrations of SVOCs (relative to RSR criteria) were detected in soil samples collected from fourteen of the soil borings drilled across the site. Specifically, the soil samples that exhibited elevated concentrations of SVOCs (PAHs) were collected from soil borings drilled on the 3 Hartford Road parcel (all within the paved portion of that parcel where former site operations were identified). In addition, soils from several other locations exhibited low concentrations of SVOCs relative to their criteria. These detections were not confined solely to soils on the 3 Hartford Road portion of the site, but rather are spread across the site as a whole in

various areas. In order to ascertain whether the PAHs detected at the site are leachable, seven soil samples were submitted to the laboratory for SPLP extraction and analysis. PAHs were detected in three of these seven samples submitted for analysis at concentrations below their respective criteria, indicating that their propensity for leaching is minimal. Of note is the detection of SPLP PAHs in two soil samples in which total PAHs were not detected above reporting limits and as such, these may be anomalous results.

ETPH was detected in seventeen of the twenty-seven boring locations across the site. Elevated concentrations of ETPH relative to criteria were detected in soil samples collected from ten of the boring locations drilled across the site. With the exception of an elevated concentration of ETPH detected in the soil collected by hand auger immediately beneath the fill pipe on the 7 Hartford Road parcel, all of the remaining detections (and exceedances) are attributed to soils located at the 3 Hartford Road parcel. In fact, the locations in which ETPH was detected in the soils very closely match those where PAHs were detected.

There were no PCBs detected above method detection limits in soil samples collected across the site.

Several metals were detected in the soils across the site, however, only three of the samples (SB-3(1-2), SB-17A(0-2) and SB-25(0-2)) exhibited concentrations of total metals (arsenic and copper) that were elevated with respect to their respective RSR criteria. Approximately half of the soil samples collected across the site were subjected to SPLP metals analysis. Soil samples collected from sixteen of the locations indicated the presence of elevated concentrations of leachable lead. In addition, eleven other locations exhibited low concentrations (with respect to their RSR criteria) of leachable metals. There are no known sources of arsenic or copper at the site and their presence in select soil samples referenced above cannot be readily explained. The elevated leachable lead is more widely spread across the site in various locations on both the 3 and 7 Hartford Road parcels. Given the low concentrations of total lead relative to RSR criteria and the distribution of the lead across both parcels (not just confined to the areas where leaded fuels were stored or handled or to areas that were filled), it appears that the leachable lead may be naturally-occurring.

The presence of VOCs, SVOCs (PAHs) and ETPH in the soil is generally indicative of impacts related to a release(s) of petroleum products. There are three potential mechanisms for impact across the site. It is possible that there have been small-scale releases of petroleum products from vehicles over the course of the operational history of the property (this is most likely to be the potential for impacts observed at shallow depths, especially on the 3 Hartford Road parcel, where historic truck parking and refueling activities are known to have occurred). Impacts observed in the deeper soils at SB-1 (which was drilled on the eastern portion of the site in the area of the former pump island and in the vicinity of former gasoline USTs) appear to be related to a historic release of gasoline, based on the presence of elevated concentrations of

VOCs. The presence of ETPH in the shallow soils beneath the fill and vent pipes located on the northwestern side of the building on the 7 Hartford Road parcel is most likely related to small-scale, historic releases of fuel oil while filling the interior heating oil AST.

Recommendation: As mentioned earlier in this report, access to the interior of the building on the 3 Hartford Road parcel, where areas of interest were identified, was not granted during this investigation. As such, the soils and ground water beneath this building could not be assessed as part of this Task 210. Should ConnDOT move forward with acquiring this property, TRC recommends that an evaluation of soils (and ground water, depending upon the conditions of the soil) beneath the 3 Hartford Road building take place at the time of demolition of the building. In addition, an evaluation of the conditions associated with the interior heating oil AST (i.e., integrity of the tank, evidence of potential leakage to the interior floor or ground surface) at the 7 Hartford Road parcel should be evaluated. If the potential plans to utilize the site for a wetlands mitigation project materialize, it is recommended that a Task 310 be prepared and that impacted soils at the site be properly managed/handled and disposed.

4.2 Ground Water

1. Ground water was encountered in all of the borings drilled at the site, with the exception of SB-1, at depths ranging from 2.5 to 5 feet below grade on the 3 Hartford Road parcel and from 0.5 to 3 feet below grade on the 7 Hartford Road parcel. Based on local topography, ground water beneath the site most likely flows to the southwest.

   As previously mentioned, grab ground water samples were collected from seven of the boring locations in which ground water was encountered. In addition, a grab ground water sample was collected from a previously-installed monitoring well, located in the southern portion of the site in the vicinity of soil boring SB-11. Analytical results of the ground water sampling indicated the presence of low concentrations of VOCs in three of the locations (MW-1, TW-1 and TW-2). In addition, elevated concentrations of SVOCs (PAHs, in particular, as detected in the site soils) were detected in ground water samples TW-1, TW-2, TW-3, TW-4 and TW-7. ETPH was detected above the GWPC in TW-4 (but was not detected in this sample's associated duplicate, TW-4A). PCBs were not detected in any of the ground water samples collected at the site. Four of the eight grab ground water samples, including MW-1, TW-1, TW-4 and TW-7, exhibited elevated concentrations of CT RSR 15 metals (arsenic, lead and zinc, specifically).

   In general, the findings associated with the analysis of the ground water samples were consistent with what was detected in site soils and what may be expected to have resulted from documented, historic releases at near-by gasoline stations located in the presumed up-gradient direction.

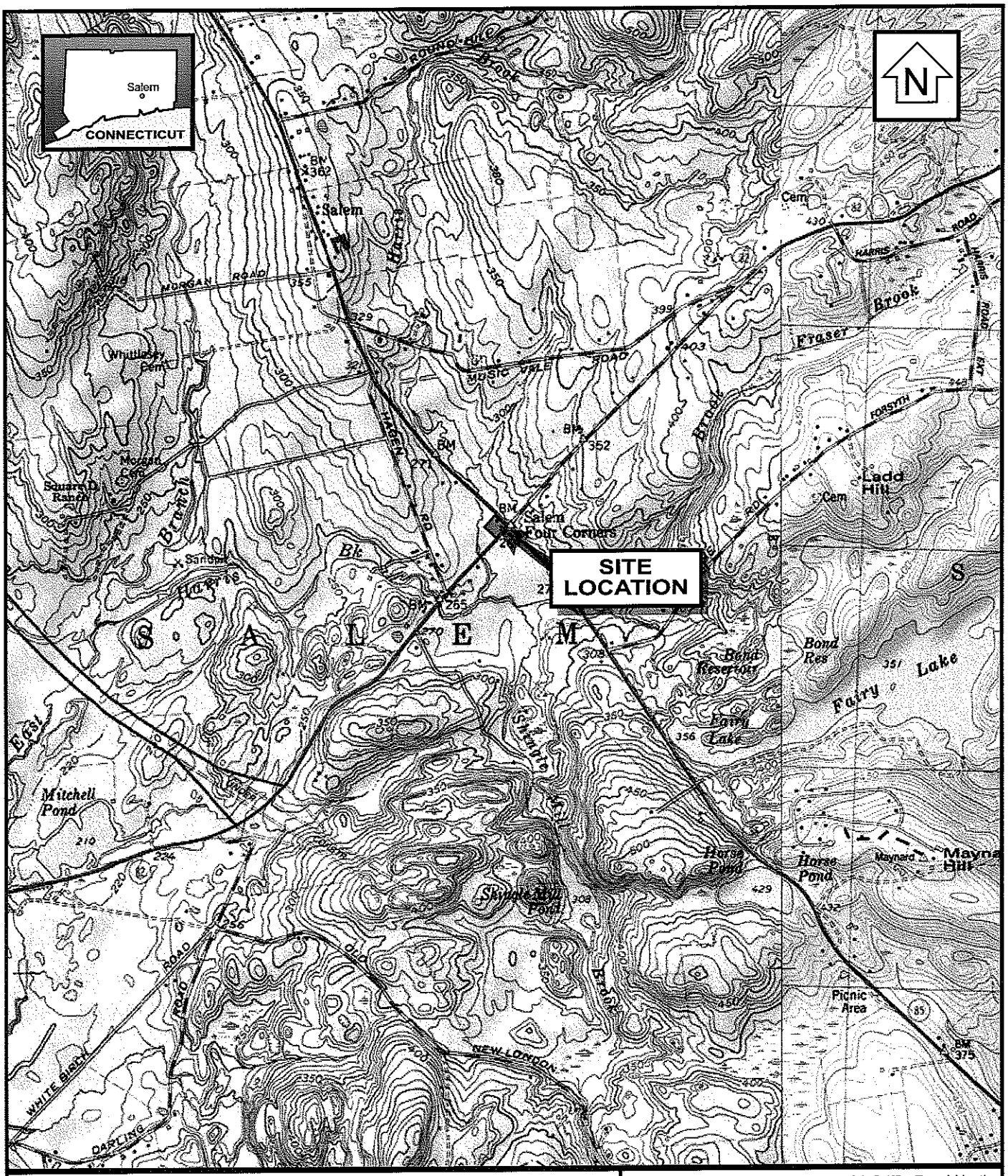
Recommendation: As it is likely that ground water will be encountered if the wetland mitigation project proceeds, or during any other potential project that involves excavation at this site, it is recommended that any water generated as a result of dewatering activities be properly managed/handled and disposed.

5.0 REFERENCES

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

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

FIGURES



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SCALE FEET

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

TRC

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

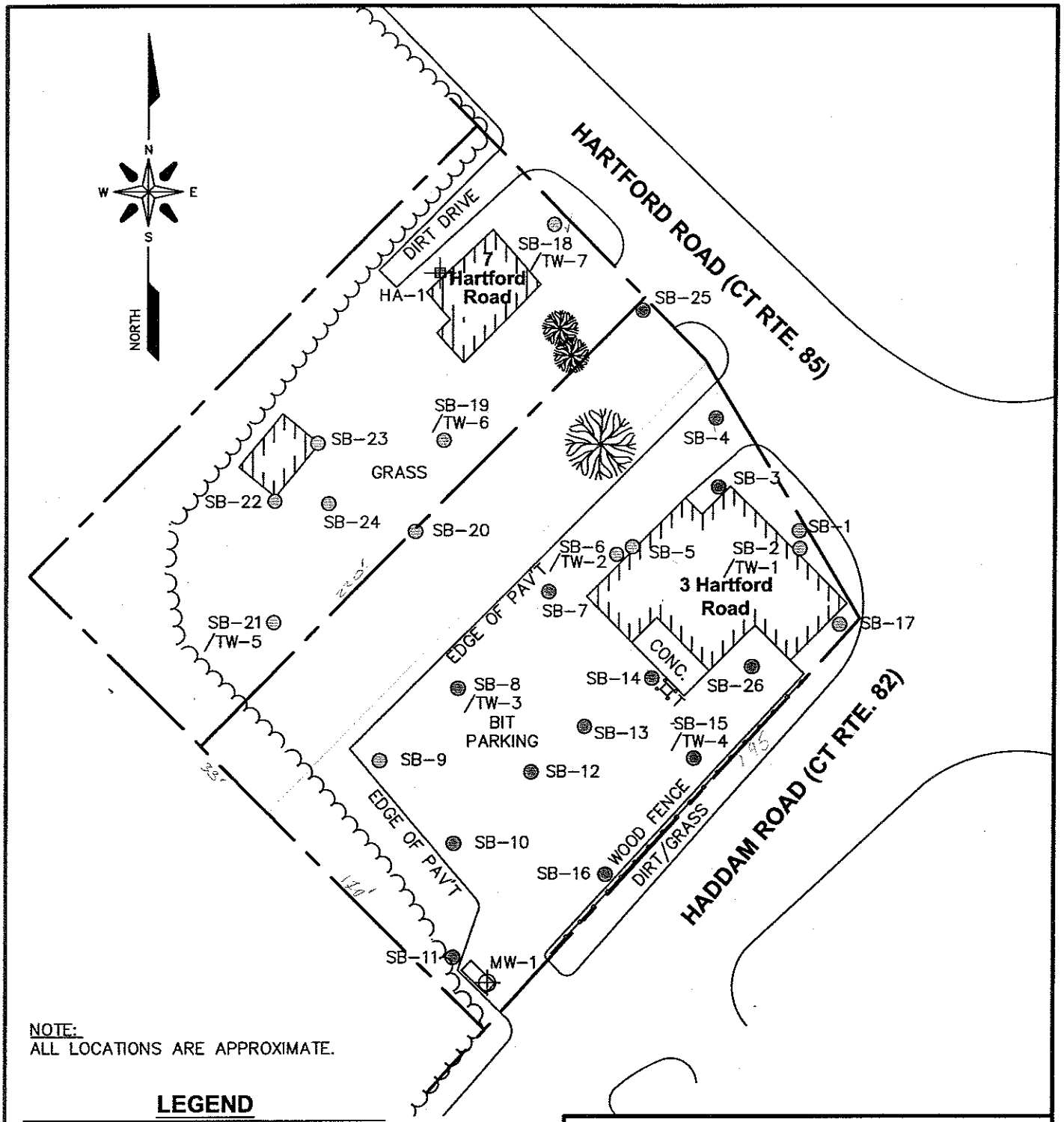
3 & 7 HARTFORD ROAD
SALEM, CONNECTICUT

FIGURE 1

SITE LOCATION MAP

Date: 04/09 | **Project No.** 107307.003815

pers/haz/10737 ctdot/3815 salem.FH10



NOTE:
ALL LOCATIONS ARE APPROXIMATE.

LEGEND

— — —	APPROXIMATE PROPERTY LINE
T □	TRANSFORMER
SB-1 ●	SOIL BORING LOCATION
SB-2 ● /TW-1	SOIL BORING/TEMPORARY WELL POINT LOCATION
MW-1 ⊕	MONITORING WELL LOCATION
HA-1 ⊕	HAND AUGER LOCATION

0 50' 100'
GRAPHIC SCALE

J:\CAD\107307\003815\
Plate-1.dwg Layout:FIGURE 2 June 09, 2009-3:57PM khollenbeck

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

3 & 7 HARTFORD ROAD
SALEM, CONNECTICUT

FIGURE 2
SITE PLAN WITH SAMPLING LOCATIONS

Date: 06/09/09 | Project No. 107307-003815-000210

TABLES

Table 1
Sample Summary
Task 210 Subsurface Investigation
3 & 7 Hartford Road, Salem, CT
ConnDOT Project No. 120-79
August 2009

TRC Project No. 107307.003815.000210

Field Sample ID/Area of Interest	Sample Matrix	Sample Depth into Substrate (feet)	Date Sampled	VOCs	SVOCs	SPLP PAHs	ETPH	PCBs	SPLP PCBs	CT RSR 15 Metals	SPLP CT RSR 15 Metals	Sample Location/Selection Rationale
Former Pump Island												
SB-1 (2-4)	Soil	2-4	5/18/2009	x	x		x	x		x	x	3 Hartford Road parcel, directly above impacted zone
SB-1 (5-7)	Soil	5-7	5/18/2009	x	x	x	x	x	x			3 Hartford Road parcel, most heavily impacted zone
USTs												
SB-12 (0-2)	Soil	0-2	5/19/2009	x	x		x	x		x		3 Harford Road parcel, shallow soils
SB-12 (2-4)	Soil	2-4	5/19/2009	x	x		x	x	x	x	x	3 Hartford Road parcel, directly above water table
SB-13 (0-2)*	Soil	0-2	5/19/2009	x	x		x	x				3 Hartford Road parcel, shallow soils
SB-13 (2-4)	Soil	2-4	5/19/2009	x	x		x		x	x		3 Hartford Road parcel, directly above water table
SB-17 (0-2)*	Soil	0-2	5/19/2009	x	x		x	x		x		3 Hartford Road parcel, shallow soils
SB-17 (2-3)	Soil	2-3	5/19/2009	x	x		x	x	x	x		3 Hartford Road parcel, directly above water table
Septic System												
SB-15 (0-2)	Soil	0-2	5/19/2009	x	x		x	x		x	x	3 Hartford Road parcel, shallow soils
SB-15 (2-3)	Soil	2-3	5/19/2009	x	x		x	x	x	x		3 Hartford Road parcel, directly above water table
SB-26 (0-2)	Soil	0-2	5/19/2009	x	x		x	x		x	x	3 Hartford Road parcel, shallow soils
SB-26 (2-3)	Soil	2-3	5/19/2009	x	x		x	x	x	x		3 Hartford Road parcel, directly above water table
TW-4	Ground Water	NA	5/19/2009	x	x		x	x		x		Temporary well installed in SB-15
Former Vehicle Grease Pit												
SB-3 (1-2)	Soil	1-2	5/18/2009	x	x		x	x		x	x	3 Hartford Road parcel, shallow soils
SB-3 (4-5)	Soil	4-5	5/18/2009	x	x	x	x	x	x	x		3 Harford Road parcel, directly above water table
Overhead Doors												
SB-2 (0-2)	Soil	0-2	5/18/2009	x	x	x	x	x	x	x	x	3 Hartford Road parcel, shallow soils
SB-2 (2-4)	Soil	2-4	5/18/2009	x	x		x	x		x		3 Hartford Road parcel, directly above water table
TW-1	Ground Water	NA	5/18/2009	x	x		x	x		x		Temporary well installed in SB-2
ASTs												
SB-5 (0-2)	Soil	0-2	5/18/2009	x	x		x	x		x		3 Hartford Road parcel, shallow soils
SB-5 (4-5)	Soil	4-5	5/18/2009	x	x	x	x	x	x	x	x	3 Hartford Road parcel, directly above water table
SB-6 (0-2)	Soil	0-2	5/18/2009	x	x		x	x		x	x	3 Hartford Road parcel, shallow soils
SB-6 (2-4)	Soil	2-4	5/18/2009	x	x	x	x	x	x	x		3 Hartford Road parcel, directly above water table
TW-2	Ground Water	NA	5/18/2009	x	x		x	x		x		Temporary well installed in SB-6
Transformer												
SB-14 (0-2)	Soil	0-2	5/19/2009	x	x		x	x		x	x	3 Hartford Road parcel, shallow soils
SB-14 (2-3)	Soil	2-3	5/19/2009	x	x		x	x	x	x		3 Hartford Road parcel, directly above water table
Former ConnDOT Truck Parking and Refueling Area												
SB-8 (0-2)	Soil	0-2	5/18/2009	x	x		x	x		x		3 Hartford Road parcel, shallow soils
SB-8 (2-4)	Soil	2-4	5/18/2009	x	x		x	x	x	x	x	3 Hartford Road parcel, directly above water table
SB-9 (0-2)	Soil	0-2	5/18/2009	x	x		x	x		x		3 Hartford Road parcel, shallow soils
SB-9 (2-3)	Soil	2-3	5/18/2009	x	x		x	x	x	x	x	3 Hartford Road parcel, directly above water table
SB-10 (0-2)	Soil	0-2	5/19/2009	x	x		x	x		x		3 Hartford Road parcel, shallow soils
SB-10 (2-4)	Soil	2-4	5/19/2009	x	x		x	x	x	x	x	3 Hartford Road parcel, directly above water table
SB-16 (0-2)	Soil	0-2	5/19/2009	x	x		x	x		x		3 Hartford Road parcel, shallow soils
SB-16 (2-3)	Soil	2-3	5/19/2009	x	x		x	x	x	x	x	3 Hartford Road parcel, directly above water table
TW-3	Ground Water	NA	5/18/2009	x	x		x	x		x		Temporary well installed in SB-8

Table 1
Sample Summary
Task 210 Subsurface Investigation
3 & 7 Hartford Road, Salem, CT
ConnDOT Project No. 120-79
August 2009

TRC Project No. 107307.003815.000210

Field Sample ID/Area of Interest	Sample Matrix	Sample Depth Into Substrate (feet)	Date Sampled	VOCs	SVOCs	SPLP PAHs	ETPH	PCBs	SPLP PCBs	CT RSR 15 Metals	SPLP CT RSR 15 Metals	Sample Location/Selection Rationale
General Exterior Borings												
SB-4 (1-2)	Soil	1-2	5/18/2009	x	x		x	x		x		3 Hartford Road parcel, shallow soils
SB-4 (4-5)	Soil	4-5	5/18/2009	x	x	x	x	x	x	x	x	3 Hartford Road parcel, directly above water table
SB-7 (0-2)	Soil	0-2	5/18/2009	x	x		x	x		x		3 Harford Road parcel, shallow soils
SB-7 (2-4)	Soil	2-4	5/18/2009	x	x		x	x	x	x	x	3 Hartford Road parcel, directly above water table
SB-11 (0-2)	Soil	0-2	5/19/2009	x	x		x	x	x	x	x	3 Hartford Road parcel, directly above water table
MW-1	Ground Water	NA	5/19/2009	x	x		x	x		x		Permanent monitoring well adjacent to SB-11
Former Welding/Blacksmith Shop												
SB-22 (0-2)	Soil	0-2	5/20/2009	x	x		x	x	x	x	x	7 Hartford Road parcel, directly above water table
SB-23(0-2)	Soil	0-2	5/20/2009	x	x		x	x	x	x	x	7 Hartford Road parcel, directly above water table
SB-24 (0-2)	Soil	0-2	5/20/2009	x	x		x	x	x	x	x	7 Hartford Road parcel, directly above water table
Septic Fields												
SB-19 (0-2)	Soil	0-2	5/20/2009	x	x		x	x	x	x	x	7 Hartford Road parcel, directly above water table
SB-20 (0-2)	Soil	0-2	5/20/2009	x	x		x	x	x	x	x	7 Hartford Road parcel, directly above water table
SB-21 (0-2)	Soil	0-2	5/20/2009	x	x		x	x	x	x	x	7 Hartford Road parcel, directly above water table
SB-24 (0-2)	Soil	0-2	5/20/2009	x	x		x	x	x	x	x	7 Hartford Road parcel, directly above water table
TW-5	Ground Water	NA	5/19/2009	x	x		x	x		x		Temporary well installed in SB-21
TW-6	Ground Water	NA	5/20/2009	x	x		x	x		x		Temporary well installed in SB-19
Vent/Fill Pipe Area												
HA-1 (0-2)*	Soil	0-2	5/20/2009	x	x	x	x	x	x	x	x	7 Hartford Road parcel, area likely impacted
General Exterior												
SB-25 (0-2)	Soil	0-2	5/20/2009	x	x		x	x	x	x	x	7 Harford Road parcel, directly above water table
SB-18 (0-2)	Soil	0-2	5/20/2009	x	x		x	x	x	x	x	7 Harford Road parcel, directly above water table
TW-7	Ground Water	NA	5/20/2009	x	x		x	x		x		Temporary well installed in SB-18

Notes:
SPLP - Synthetic Precipitate Leaching Procedure
* - Duplicate soil samples collected from these locations and analyzed for all but the SPLP parameters

Table 2
Soil Sample Analytical Results
Task 210 Subsurface Investigation
3 & 7 Hartford Road, Salem, Connecticut

Boring No. Sample Interval (ftbg): Sample Date: Notes:	SB-1(2-4) 2-4 5/18/2009 Former Pump Island	SB-1(5-7) 5-7 5/18/2009 Former Pump Island	SB-2(0-2) 0-2 5/18/2009 Overhead Door	SB-2(2-4) 2-4 5/18/2009 Overhead Door	SB-3(1-2) 1-2 5/18/2009 Former Vehicle Grease Pit	SB-3(4-5) 4-5 5/18/2009 Former Vehicle Grease Pit	SB-4(1-2) 1-2 5/18/2009 General Exterior - 3 Hartford Road	SB-4(4-5) 4-5 5/18/2009 General Exterior - 3 Hartford Road	SB-5(0-2) 0-2 5/18/2009 ASTs	SB-5(4-5) 4-5 5/18/2009 ASTs	SB-6(0-2) 0-2 5/18/2009 ASTs	SB-6(2-4) 2-4 5/18/2009 ASTs	SB-7(0-2) 0-2 5/18/2009 General Exterior - 3 Hartford Road	SB-7(2-4) 2-4 5/18/2009 General Exterior - 3 Hartford Road	CT RSRs RES DEC	CT RSRs I/C DEC	CT RSRs GA PMC
Volatile Organic Compounds - ug/kg																	
Method 8260	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
1,2,4-Trimethylbenzene		42,000													500,000	1,000,000	7,000
1,3,5-Trimethylbenzene		19,000													500,000	1,000,000	7,000
2-Isopropyltoluene		1,000													NE	NE	NE
Benzene															21,000	200,000	20
Ethylbenzene		2,200													500,000	1,000,000	10,100
Isopropylbenzene		1,800													500,000	1,000,000	600
m&p-Xylene		12,000													--	--	--
o-Xylene		500													--	--	--
Total Xylenes		12,500													500,000	1,000,000	19,500
Naphthalene		9,700													1,000,000	2,500,000	5,600
n-Butylbenzene		3,700													500,000	1,000,000	1,400
n-Propylbenzene		4,600													500,000	1,000,000	1,400
p-Isopropyltoluene		3,900													500,000	1,000,000	600
sec-Butylbenzene		1,600													500,000	1,000,000	1,400
tert-Butylbenzene		320													500,000	1,000,000	1,400
Toluene															500,000	1,000,000	20,000
Semi-Volatile Organic Compounds - ug/kg																	
Method 8270	ND	ND		ND		ND	ND				ND	ND					
Bis(2-ethylhexyl)phthalate															44,000	410,000	1,000
Acenaphthene															1,000,000	2,500,000	8,400
Acenaphthylene			390		770			2,600	730					5,700	1,000,000	2,500,000	8,400
Anthracene					470			1,300	990					4,700	1,000,000	2,500,000	40,000
Benzo(a)anthracene					750			2,400	730					20,000	1,000	7,800	1,000
Benzo(a)pyrene			400		960			3,200	920					17,000	1,000	1,000	1,000
Benzo(b)fluoranthene			510		1,400			4,400	1,300	430				20,000	1,000	7,800	1,000
Benzo(g,h,i)perylene			540		1,000			3,200	830					8,600	1,000,000	2,500,000	4,200
Benzo(k)fluoranthene					390			1,300	400					5,700	8,400	78,000	1,000
Chrysene					1,100			3,500	1,200	370				21,000	84,000	780,000	1,000
Dibenzofuran								750						2,800	27,000	2,500,000	1,000
Dibenz(a,h)anthracene															1,000	1,000	1,000
Fluoranthene			390		1,800			5,200	1,900	550			370	40,000	1,000,000	2,500,000	5,600
Fluorene														2,500	1,000,000	2,500,000	5,600
Indeno(1,2,3-cd)pyrene					720			2,500	700					7,600	1,000	7,800	1,000
2-Methylnaphthalene															474,000	2,500,000	980
Naphthalene															1,000,000	2,500,000	5,600
Phenanthrene					830			1,600	1,100					31,000	1,000,000	2,500,000	4,000
Pyrene			460		1,900			6,100	2,000	610			440	42,000	1,000,000	2,500,000	4,000
SPLP Polynuclear Aromatic Hydrocarbons (ug/L)																	**10 X GWPC**
Method 8270C	NA		NA	ND	NA		NA		NA	ND	NA	ND	NA	NA			
Benzo(a)anthracene								0.06							--	--	0.6
Benzo(b)fluoranthene								0.11							--	--	0.8
2-Methylnaphthalene		13													--	--	490
Naphthalene		33													--	--	2,800
Phenanthrene						0.43									--	--	2,000
Extractable Total Petroleum Hydrocarbons - mg/kg																	
CTDEP-Approved Method	ND	210	ND	ND	350	160	ND	1,100	200	340	ND	ND	ND	720	500	2,500	500
Polychlorinated Biphenyls - ug/kg																	
Method 8082	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	10,000	--
SPLP Polychlorinated Biphenyls - ug/L																	
Method 8082	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	--	--	0.5
Total CT RSR Metals - mg/kg																	
Methods 6010/7471																	
Arsenic	2.2	1	2	1.3	**10.9**	1.6	1.4	1.6	0.8	1.7	2	1.6	1.1	1.8	10	10	--
Barium	40.9	55.9	50.4	55.1	58.1	59.8	25.3	36.1	75.1	63	55.2	16.8	35.5	35.7	4,700	140,000	--
Beryllium	0.47		0.32		0.44	0.34			0.37	0.32	0.3				2	2	--
Cadmium	1.23		0.56		1.32	0.7				0.55					34	1,000	--
Chromium	15.1	16.3	13.5	15.4	25.8	17.6	8.57	15	18.7	12.9	14.2	4.51	9.95	5.7	NE	NE	--
Copper	121	7.19	18.7	15	46.4	37.8	7.74	17.1	31.3	21	15	4.5	9.68	8.57	2,500	76,000	--
Lead	151	1.57	51.6	25.6	134	115	7.95	62.9	29.1	124	6.99	3.41	8.98	36.9	400	1,000	--
Mercury															20	610	--
Nickel	8.18	7.81	6.06	6.8	9.32	7.12	4.19	6.1	7.91	7.23	6.72	2.07	3.57	3.33	1,400	7,500	--
Vanadium	18.7	14.2	20.9	28	28	29.1	10.8	22.1	34.5	20.1	25.9	5.19	16.2	8	470	14,000	--
Zinc	1,000	15.5	67.4	44.8	161	103	31.6	41	52.4	120	31.8	12	18.8	47.6	20,000	610,000	--
SPLP Metals - mg/l																	
Methods 6010/7471		NA		NA		NA	NA		NA			NA	NA				
Arsenic																	0.01
Barium	0.024		0.061		0.049			0.016		0.184	0.197			0.162	--	--	1
Copper	0.021							0.025							--	--	1.3
Lead	0.093				0.028			0.028		0.034					--	--	0.015
Nickel															--	--	0.1
Vanadium															--	--	0.05
Zinc	0.06		0.012		0.04			0.016							--	--	5

NOTES:
ftbg - feet below grade
ND - Not Detected
NA - Not Analyzed
NE - Not Established
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)
The field blank associated with the May 18, 2009 sampling event (FB051809) exhibited copper and zinc concentrations of 0.006 ppb and 0.002 ppb, respectively.
The field blank associated with the May 19, 2009 sampling event (FB051909) exhibited copper at a concentration of 0.006 ppb.
The field blank associated with the May 20, 2009 sampling event (FB052009) did not exhibit detectable concentrations of any constituents.

Table 2, continued
Soil Sample Analytical Results
Task 210 Subsurface Investigation
3 & 7 Hartford Road, Salem, Connecticut

Boring No. Sample Interval (ftbg): Sample Date: Notes:	SB-8(0-2) 0-2 5/18/2009 Former Truck Parking and Refueling Area	SB-8(2-4) 2-4 5/18/2009 Former Truck Parking and Refueling Area	SB-9(0-2) 0-2 5/18/2009 Former Truck Parking and Refueling Area	SB-9(2-3) 2-3 5/18/2009 Former Truck Parking and Refueling Area	SB-10(0-2) 0-2 5/19/2009 Former Truck Parking and Refueling Area	SB-10(2-4) 2-4 5/19/2009 Former Truck Parking and Refueling Area	SB-11(0-2) 0-2 5/19/2009 General Exterior - 3 Hartford Road	SB-16(0-2) 0-2 5/19/2009 Former Truck Parking and Refueling Area	SB-16(2-3) 2-3 5/19/2009 Former Truck Parking and Refueling Area	SB-12(0-2) 0-2 5/19/2009 Former USTs	SB-12(2-4) 2-4 5/19/2009 Former USTs	SB-13(0-2) 0-2 5/19/2009 Former USTs	SB-13A(0-2) 0-2 5/19/2009 Dupl. of SB-13(0-2)	SB-13(2-4) 2-4 5/19/2009 Former USTs	SB-14(0-2) 0-2 5/19/2009 Transformer	SB-14(2-3) 2-3 5/19/2009 Transformer	CT RSRs RES DEC	CT RSRs I/C DEC	CT RSRs GA PMC
Volatile Organic Compounds - ug/kg																			
Method 8260	ND		ND	ND	ND	ND	ND	ND				ND	ND		ND	ND			
1,2,4-Trimethylbenzene																	500,000	1,000,000	7,000
1,3,5-Trimethylbenzene																	500,000	1,000,000	7,000
2-Isopropyltoluene																	NE	NE	NE
Benzene									43								21,000	200,000	20
Ethylbenzene									17								500,000	1,000,000	10,100
Isopropylbenzene																	500,000	1,000,000	600
m&p-Xylene									28								–	–	–
o-Xylene									14								–	–	–
Total Xylenes									42								500,000	1,000,000	19,500
Naphthalene		12							100	16	24			390			1,000,000	2,500,000	5,600
n-Butylbenzene																	500,000	1,000,000	1,400
n-Propylbenzene									53								500,000	1,000,000	1,400
p-Isopropyltoluene																	500,000	1,000,000	600
sec-Butylbenzene																	500,000	1,000,000	1,400
tert-Butylbenzene																	500,000	1,000,000	1,400
Toluene									5.2								500,000	1,000,000	20,000
Semi-Volatile Organic Compounds - ug/kg																			
Method 8270			ND	ND	ND			ND		ND		ND							
Bis(2-ethylhexyl)phthalate																	44,000	410,000	1,000
Acenaphthene		1,300															1,000,000	2,500,000	8,400
Acenaphthylene		10,000					2,000		12,000		6,600			870	11,000	10,000	1,000,000	2,500,000	8,400
Anthracene		11,000							9,000					500	5,330	8,800	1,000,000	2,500,000	40,000
Benzo(a)anthracene		36,000				9,600	6,000		21,000		14,000		450	1,100	13,000	20,000	1,000	7,800	1,000
Benzo(a)pyrene		29,000				8,100	5,300		23,000		14,000		630	1,200	16,000	20,000	1,000	1,000	1,000
Benzo(b)fluoranthene		33,000				11,000	9,100		28,000		17,000		880	1,600	19,000	24,000	1,000	7,800	1,000
Benzo(g,h,i)perylene		13,000				4,900	4,900		15,000		7,500		560	960	12,000	12,000	1,000,000	2,500,000	4,200
Benzo(k)fluoranthene		7,800					3,300		9,500		4,900		360	480	5,200	8,000	8,400	78,000	1,000
Chrysene		36,000				11,000	7,000		25,000		16,000		740	1,700	17,000	24,000	84,000	780,000	1,000
Dibenzofuran		850															27,000	2,500,000	1,000
Dibenz(a,h)anthracene		5,000															1,000	1,000	1,000
Fluoranthene	420	59,000				24,000	16,000		53,000		34,000		1,300	2,900	24,000	50,000	1,000,000	2,500,000	5,600
Fluorene		4,500							6,200								1,000,000	2,500,000	5,600
Indeno(1,2,3-cd)pyrene		12,000				4,300	3,900		12,000		6,600		440	740	9,400	10,000	1,000	7,800	1,000
2-Methylnaphthalene																	474,000	2,500,000	980
Naphthalene		770															1,000,000	2,500,000	5,600
Phenanthrene		43,000				13,000	6,700		44,000		25,000		400	1,800	15,000	36,000	1,000,000	2,500,000	4,000
Pyrene	400	75,000				26,000	14,000		56,000		38,000		1,200	3,200	37,000	54,000	1,000,000	2,500,000	4,000
SPLP Polynuclear Aromatic Hydrocarbons (ug/L)																			
Method 8270C	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA			10 X GWPC
Benzo(a)anthracene																	–	–	0.6
Benzo(b)fluoranthene																	–	–	0.8
2-Methylnaphthalene																	–	–	490
Naphthalene																	–	–	2,800
Phenanthrene																	–	–	2,000
Extractable Total Petroleum Hydrocarbons - mg/kg																			
CTDEP-Approved Method	94	2,500	ND	ND	ND	2,200	420	ND	2,500	ND	880	ND	120	170	340	2,200	500	2,500	500
Polychlorinated Biphenyls - ug/kg																			
Method 8082	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	10,000	–
SPLP Polychlorinated Biphenyls - ug/L																			
Method 8082	NA	ND	NA	ND	NA	ND	ND	NA	ND	NA	ND	NA	NA	ND	NA	ND	–	–	0.5
Total CT RSR Metals - mg/kg																			
Methods 6010/7471																			
Arsenic	1.2	2.5	1.8	1.8	1.9	0.8	0.7		2.6	2.1	1.5	1.9		0.8	1.1	0.9	10	10	–
Barium	38.8	33.1	28.6	41.2	61.3	74.2	23.1	58	48.2	63	45.9	57.3	61.8	152	39	40.9	4,700	140,000	–
Beryllium					0.31	0.42		0.29	0.32								2	2	–
Cadmium	0.39										1.29			1.03			34	1,000	–
Chromium	11.6	3.77	10.2	4.07	20.6	19	14.2	14.9	14.6	14.5	7.68	17	16.5	6.07	7.41	7.45	NE	NE	–
Copper	11	9.41	7.94	3.24	15.8	15.1	8.78	12.2	9.88	15.4	17.4	15.4	14.7	17.5	13.1	21.5	2,500	76,000	–
Lead	19.1	97.3	2.93	4.53	1.51	8.13	50.5	0.45	50.1	1.3	61	1.48	58.1	142	178	36	400	1,000	–
Mercury				0.23													20	610	–
Nickel	5.72	2.91	3.09	2.69	10.5	13.2	6.27	5.48	7.09	8.67	6.44	7.83	7.05	3.65	5.94	6.34	1,400	7,500	–
Vanadium	16.4	7.09	16.4	4.65	26.4	23.8	13.9	30.4	20.8	22.8	10.2	25.2	28	8.26	11.7	13.8	470	14,000	–
Zinc	36	174	21.4	15.4	24.1	35.6	26.9	28.1	60.3	22.6	423	21.6	51	650	68.9	81.6	20,000	610,000	–
SPLP Metals - mg/l																			
Methods 6010/7471	NA		NA		NA			NA		NA		NA	NA			NA			
Arsenic		0.004		0.007		0.009					0.006			0.005				–	0.01
Barium		0.098		0.096		0.082	0.044		0.058		0.087			0.12	0.082		–	–	1
Copper				0.015			0.014				0.024				0.015		–	–	1.3
Lead		0.015		0.071		0.046	0.082				0.077				0.02		–	–	0.015
Nickel		0.013													0.049		–	–	0.1
Vanadium																	–	–	0.05
Zinc		0.045		0.079		0.022	0.019		0.012		0.075			0.166	0.062		–	–	5

NOTES:
ftbg - feet below grade
ND - Not Detected
NA - Not Analyzed
NE - Not Established
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)
The field blank associated with the May 18, 2009 sampling event (FB051809) exhibited copper and zinc concentrations of 0.006 ppb and 0.002 ppb, respectively.
The field blank associated with the May 19, 2009 sampling event (FB051909) exhibited copper at a concentration of 0.006 ppb.
The field blank associated with the May 20, 2009 sampling event (FB052009) did not exhibit detectable concentrations of any constituents.

Table 2, continued
Soil Sample Analytical Results
Task 210 Subsurface Investigation
3 & 7 Hartford Road, Salem, Connecticut

Boring No.	SB-15(0-2)	SB-15(2-3)	SB-26(0-2)	SB-26(2-3)	SB-17(0-2)	SB-17A(0-2)	SB-17(2-3)	SB-25(0-2)	SB-18(0-2)	HA-1(0-2)	HA-1A(0-2)	SB-19(0-2)	SB-20(0-2)	SB-21(0-2)	SB-22(0-2)	SB-23(0-2)	SB-24(0-2)	CT RSRs		
Sample Interval (ftbg):	0-2	2-3	0-2	2-3	0-2	0-2	2-3	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2	0-2			
Sample Date:	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/19/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/20/2009	5/19/2009	5/19/2009	5/20/2009	5/20/2009			
Notes:	Septic System Area	Septic System Area	Septic System Area	Septic System Area	Former USTs	Dupl. of SB-17(0-2)	Former USTs	General Exterior - 7 Hartford Road	General Exterior - 7 Hartford Road	Vent/Fill Pipe Area	Dupl. of HA-1	Septic Field Area - 7 Hartford Road	Septic Field Area - 7 Hartford Road	Septic Field Area - 7 Hartford Road	Former Welding Shop	Former Welding Shop	Septic Field Area - 7 Hartford Road	RES DEC	I/C DEC	GA PMC
Volatile Organic Compounds - ug/kg																				
Method 8260	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
1,2,4-Trimethylbenzene																		500,000	1,000,000	7,000
1,3,5-Trimethylbenzene																		500,000	1,000,000	7,000
2-Isopropyltoluene																		NE	NE	NE
Benzene																		21,000	200,000	20
Ethylbenzene																		500,000	1,000,000	10,100
Isopropylbenzene																		500,000	1,000,000	600
m&p-Xylene																		--	--	--
o-Xylene																		--	--	--
Total Xylenes																		500,000	1,000,000	19,500
Naphthalene			140															1,000,000	2,500,000	5,600
n-Butylbenzene																		500,000	1,000,000	1,400
n-Propylbenzene																		500,000	1,000,000	1,400
p-Isopropyltoluene																		500,000	1,000,000	1,400
sec-Butylbenzene																		500,000	1,000,000	1,400
tert-Butylbenzene																		500,000	1,000,000	20,000
Toluene																				
Semi-Volatile Organic Compounds - ug/kg																				
Method 8270	ND			ND		ND			ND			ND		ND		ND				
Bis(2-ethylhexyl)phthalate										470	390							44,000	410,000	1,000
Acenaphthene			2,400		510		410											1,000,000	2,500,000	8,400
Acenaphthylene			990															1,000,000	2,500,000	8,400
Anthracene																		1,000,000	2,500,000	40,000
Benzo(a)anthracene		12,000	1,500		580		710	380							590		520	1,000	7,800	1,000
Benzo(a)pyrene		11,000	2,100		780		840	390							530		530	1,000	1,000	1,000
Benzo(b)fluoranthene		17,000	3,200		990		1,300	570							740		690	1,000	7,800	1,000
Benzo(g,h,i)perylene		8,000	3,500		540		540											1,000,000	2,500,000	4,200
Benzo(k)fluoranthene		6,900	840		350		450											8,400	78,000	1,000
Chrysene		12,000	1,500		820		1,000	450							830		630	84,000	780,000	1,000
Dibenzofuran																		27,000	2,500,000	1,000
Dibenz(a,h)anthracene																		1,000	1,000	1,000
Fluoranthene		26,000	2,000		1,000		1,800	690					540		1,300		1,100	1,000,000	2,500,000	5,600
Fluorene																		1,000,000	2,500,000	5,600
Indeno(1,2,3-cd)pyrene		7,000	2,200		450		470											1,000	7,800	1,000
2-Methylnaphthalene																		474,000	2,500,000	980
Naphthalene																		1,000,000	2,500,000	5,600
Phenanthrene		4,500					1,100								900		720	1,000,000	2,500,000	4,000
Pyrene		21,000	2,700		1,200		1,600	770					510		1,400		1,100	1,000,000	2,500,000	4,000
SPLP Polynuclear Aromatic Hydrocarbons (ug/L)																				**10 X GWPC**
Method 8270C	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA			
Benzo(a)anthracene																		--	--	0.6
Benzo(b)fluoranthene																		--	--	0.8
2-Methylnaphthalene																		--	--	490
Naphthalene																		--	--	2,800
Phenanthrene																		--	--	2,000
Extractable Total Petroleum Hydrocarbons - mg/kg																				
CTDEP-Approved Method	ND	840	1,600	74	230	ND	150	ND	ND	2,400	3,200	ND	ND	ND	ND	ND	ND	500	2,500	500
Polychlorinated Biphenyls - ug/kg																				
Method 8082	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	10,000	--
SPLP Polychlorinated Biphenyls - ug/L																				
Method 8082	ND	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	ND	--	--	0.5
Total CT RSR Metals - mg/kg																				
Methods 6010/7471																				
Arsenic	0.8	1.2	2.3	1.3	1.3		1.7	17.2	1.7			1.5			1.3	1.4	1.2	10	10	--
Barium	53.3	65.7	65.7	32.6	45.3	49.2	27.2	27.9	30.8	47.4	32.5	48	36.3	52.7	78.3	73.8	37.2	4,700	140,000	--
Beryllium	0.37	0.57	0.34		0.31			0.32		0.39	0.31				0.41			2	2	--
Cadmium			0.98												0.55	0.6		34	1,000	--
Chromium	22.3	20.4	16.1	11.9	15.2	13	11	10.4	6.4	10.2	6.71	8.77	5.35	9.98	15.9	10.2	9.59	NE	NE	--
Copper	18	15.6	95	8.97	15.1	10,100	14.3	20.9	5.44	11.2	7.57	10.7	10.5	11.3	16.8	14.5	13.5	2,500	76,000	--
Lead	60	1.43	200	5.63	48.9	10.4	70.9	134	9.09	294	186	43.8	10.8	23.7	69.8	78.9	1.73	400	1,000	--
Mercury																		20	610	--
Nickel	6.54	12.8	11.5	5.12	5.94	4.84	7.03	6.4	3.88	6.26	4.43	4.8	3.18	6.62	8.93	6.05	7.97	1,400	7,500	--
Vanadium	33.2	27.8	20.4	14.9	28.6	25.3	14.2	17	10.8	16.5	10.8	12.8	7.49	14.7	21.4	14.5	14	470	14,000	--
Zinc	38.5	47.6	122	15.6	38.2	33.9	38.6	57.5	14.9	199	154	86.8	50.8	395	146	130	21.6	20,000	610,000	--
SPLP Metals - mg/l																				
Methods 6010/7471		NA		NA	NA		NA				NA									
Arsenic																0.005	0.005	--	--	0.01
Barium	0.014		0.056			0.038		0.099	0.158	0.073		0.05	0.14	0.064	0.085	0.048	0.088	--	--	1
Copper			0.035												0.02			--	--	1.3
Lead			0.109							0.141			0.021	0.016	0.031	0.021	0.025	--	--	0.015
Nickel																		--	--	0.1
Vanadium																	0.012	--	--	0.05
Zinc			0.039					0.022		0.117			0.024	0.075	0.043	0.026	0.06	--	--	5

NOTES:
ftbg - feet below grade
ND - Not Detected
NA - Not Analyzed
NE - Not Established
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)
The field blank associated with the May 18, 2009 sampling event (FB051809) exhibited copper and zinc concentrations of 0.006 ppb and 0.002 ppb, respectively.
The field blank associated with the May 19, 2009 sampling event (FB051909) exhibited copper at a concentration of 0.006 ppb.
The field blank associated with the May 20, 2009 sampling event (FB052009) did not exhibit detectable concentrations of any constituents.

Table 3
Ground Water Sample Analytical Results
Task 210 Subsurface Investigation
3 & 7 Hartford Road, Salem, Connecticut

Sample ID: Sample Date: Notes:	MW-1 5/19/2009 Existing Well - 3 Hartford Road	TW-1 5/18/2009 Overhead Door 3 Hartford Road	TW-2 5/18/2009 AST Area - 3 Hartford Road	TW-3 5/18/2009 Former Parking and Refueling Area 3 Hartford Road	TW-4 5/19/2009 Septic System Area - 3 Hartford Road	TW-4A 5/19/2009 Dupl. of TW-4	TW-5 5/19/2009 Septic Fields - 7 Hartford Road	TW-6 5/20/2009 Septic Fields - 7 Hartford Road	TW-7 5/20/2009 General Exterior - 7 Hartford Road	CT RSRs GWPC	CT RSRs SWPC	CT RSRs R GWVC	CT RSRs I/C GWVC
Volatile Organic Compounds - ug/l													
Method 8260				ND	ND	ND	ND	ND	ND				
Methyl tertiary butyl ether (MTBE)	53		1.7							70	NE	21,000	50,000
1,2,4-Trimethylbenzene		2.1								350	NE	360	4,800
1,3,5-Trimethylbenzene		1.3								350	NE	280	3,900
Semi-Volatile Organic Compounds - ug/l													
Method 8270	ND							ND					
Bis(2-ethylhexyl)phthalate		**2.2**	**2.6**				2			2	59	NE	NE
Acenaphthylene				0.58	2.3	1.7				420	0.3	NE	NE
Benzo(a)anthracene				**1.2**	**5.4**	**3.7**			0.053	0.06	0.3	NE	NE
Benzo(a)pyrene				**0.91**	**4.8**	**3.2**				0.2	0.3	NE	NE
Benzo(b)fluoranthene				**1.1**	**7.2**	**4.8**				0.08	0.3	NE	NE
Benzo(g,h,i)perylene					3.5					210	NE	NE	NE
Benzo(k)fluoranthene				0.44	**2.8**	**2**				0.5	0.3	NE	NE
Chrysene					**6.9**	**4.9**				4.8	NE	NE	NE
Dibenz(a,h)anthracene					**1.1**	**0.66**				0.2	NE	NE	NE
Fluoranthene					23	17				280	3,700	NE	NE
Indeno(1,2,3-cd)pyrene				**0.46**	**3.2**	**2**				0.2	NE	NE	NE
Phenanthrene				5.4	7.8	6			0.1	200	0.077	NE	NE
Pyrene					20	13				200	110,000	NE	NE
Extractable Total Petroleum Hydrocarbons - mg/l													
CTDEP-Approved Method	ND	ND	ND	ND	**0.4**	ND	ND	ND	ND	0.1	NE	NE	NE
Polychlorinated Biphenyls - ug/l													
Method 8082	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	0.5	NE	NE
Total CT RSR Metals - mg/l													
Methods 6010/7471													
Arsenic	0.005	0.005			0.008	0.007		0.005	**0.011**	0.01	0.004	NE	NE
Barium	0.393	0.098	0.144	0.089	0.542	0.544	0.029	0.083	0.33	1	NE	NE	NE
Cadmium					0.001	0.001				0.005	0.006	NE	NE
Chromium		0.008	0.002	0.005	0.011	0.011	0.001	0.004	0.029	1	NE	NE	NE
Copper	0.006	0.011	0.008	0.059	0.039	0.036	0.008	0.006	0.02	1.3	0.048	NE	NE
Lead		0.004		**0.021**	**0.185**	**0.189**		0.01	**0.017**	0.015	0.013	NE	NE
Nickel	0.001	0.005	0.003	0.003	0.007	0.007	0.001	0.002	0.022	0.1	0.88	NE	NE
Vanadium	0.004	0.005			0.019	0.02			0.022	0.05	NE	NE	NE
Zinc	0.018	0.009	0.014	0.068	0.254	0.253	0.026	0.013	0.061	5	0.123	NE	NE

NOTES:

ND - Not Detected
NA - Not Analyzed
NE - Not Established

BOLD value indicates an exceedance of the GA Ground Water Protection Criteria (GWPC)
Underlined value indicates an exceedance of the Surface Water Protection Criteria (SWPC)
Shaded value indicates and exceedance of the Ground Water Volatilization Criteria (GWVC)

The field blank associated with the May 18, 2009 sampling event (FB051809) exhibited copper and zinc concentrations of 0.006 ppb and 0.002 ppb, respectively.
The field blank associated with the May 19, 2009 sampling event (FB051909) exhibited copper at a concentration of 0.006 ppb.
The field blank associated with the May 20, 2009 sampling event (FB052009) did not exhibit detectable concentrations of any constituents.

APPENDIX A

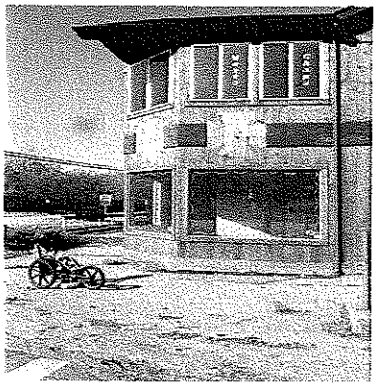
GEOPHYSICAL SURVEY REPORT

GROUND PENETRATING RADAR (GPR) SURVEY RESULTS

FOR THE LOCATION AND INVESTIGATION OF:

Underground Storage Tanks (UST's)

AT THE FOLLOWING LOCATION:



3-7 Hartford Rd., Salem, CT

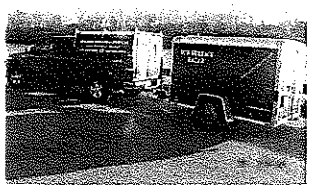
PREPARED FOR:

Quotation# 1.3755.09

TRC Environmental Corporation
21 Griffin Rd. North
Windsor, CT 06095

PREPARED BY:

Sub-Surface Informational Surveys Incorporated
143C Shaker Road, Suite 206
East Longmeadow, MA 01028-0452



"Let us Seek and Find"

May 11, 2009

Rpt.cover.2008.TRC.06515.JV.Vista

143C Shaker Road
Suite 206
Post Office Box 452
E. Longmeadow, MA 01028-0452

Phone - 413-525-4666
Fax - 413-525-2887
Web – www.subsurfaceinc.com
Email – pbacon@subsurfaceinc.com

1.0	INTRODUCTION	1-1
	1.1 Purpose and Scope of Work	
2.0	GEOPHYSICAL SURVEY	2-1
	2.1 Geophysical Survey Procedures	
	2.2 Geophysical Survey Results	
3.0	GPR ANALYTICAL RESULTS	3-1
	(Data with applicable annotations)	
4.0	SAMPLE GPR PROFILES COLLECTED IN THE FIELD	4-1
5.0	ACQUIRING PROCEDURES	5-1

SIR-3000/SIR-2000 GPR System
W/ 400 MHz antenna

SUB-SURFACE INFORMATIONAL SURVEYS, INC
SUB-SURFACE INFORMATIONAL SURVEYS, INC/EM DIVISION
143C Shaker Road
Suite 206
Post Office Box 452
E. Longmeadow, MA 01028-0452

Phone - 413-525-4666
Fax - 413-525-2887
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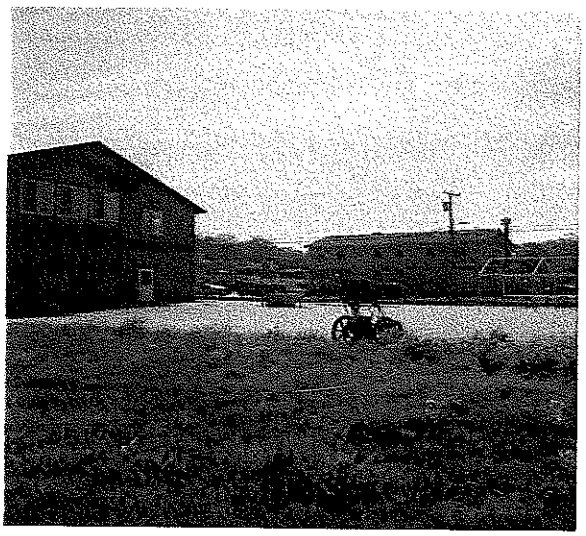
Email - john@subsurfaceinc.com

1.0 Introduction

In accordance with your authorization, Sub-Surface Informational Surveys, Inc. (SIS) reports to you the results of the ground penetrating radar survey performed on May 11, 2009 on 3 - 7 Hartford Rd., Salem, CT. The survey was directed by your approval of SIS quotation #1.3755.09 dated February 4, 2009.

1.1 Purpose and Scope

The purpose of the ground penetrating radar survey was an investigation for the location of underground storage tanks within an area of less than 43,560 SF.



Ground Penetrating Radar Survey

2.0 Geophysical Survey

Sub-Surface Informational Surveys Incorporated performed the geophysical survey. A transducer operator/supervising GPR technician performed the survey.

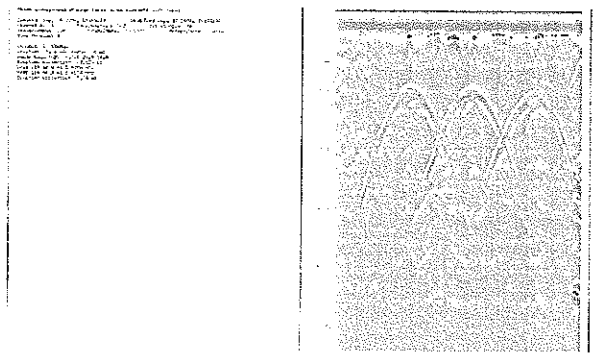
2.1 Geophysical Survey Procedures

The depth setting of the GPR survey was conducted at maximum depth of approximately 10.0' to locate any existing and unknown anomalies. An increase in conductivity is located at approximately 6.12' into the sub soils, which could be that of the capillary fringe of the water table, clays, silts, or organics. Traverses were conducted with a maximum of 4.0' spacing to better conduct the GPR survey. Typically a 5.0' – 10.0' spacing is sufficient to detect all large capacity UST's (500-gallon or greater), septic systems and underground utilities with a high degree of certainty. The spacing of 4.0' was used to better define any existing suspected anomalies.

The following is an explanation of the equipment used during our survey:

1. The equipment used to conduct the geophysical survey included GPR equipment, which consists of **Subsurface Interface Radar** (SIR-3000 and SIR-2000) computer manufactured by Geophysical Survey Systems, Inc., power supply, graphic recorder, video display unit, and transmitting/receiving antenna. The equipment is known collectively as a **GPR** system. The transmitting/receiving antenna transmits electromagnetic signals into the subsurface and then detects, amplifies and displays reflections of the signal on a graphic recorder and a video display unit. As the antenna is moved slowly across the ground surface or surface of contact, a radar image of the subsurface is produced. The maximum depth of penetration of the GPR signal and the resolution of the reflections are a function of the antenna frequency and the electrical properties of the subsurface. As electrical conductivity of the subsurface increases, GPR signal penetration decreases. GPR reflections are produced by spatial changes in the physical properties of the subsurface (I.e., type of material, presence of any subsurface fluid and porosity) and related changes in the electrical properties of the subsurface material in the path of the signals. The greater the difference in the subsurface structures the stronger the GPR reflection seen in the data.

Characteristics that are considered in the interpretation of the GPR data from a given site include the size, shape, and amplitude of the reflections. Metallic underground storage tanks (UST's), utilities and conduits have electrical properties uniquely different from those of the soils in which they are buried. As a result, the GPR reflections are usually of high amplitude and have distinctive shapes. For GPR profiles oriented perpendicular to the long axis of the tanks, the signature is similar to a hyperbola. The signature is also a function of the tank diameter.



SAMPLE PHOTO: above represents a sample of data collected by Sub-Surface Informational Surveys, Inc. on Sept. 15, 2004 at a site in the State of CT. It shows three (3) Underground Storage Tanks (UST's) with the centerline at the top of the parabolas. This data was taken through concrete, with rebar. NOTE: The above <u>is not</u> part of the data collected for this survey.

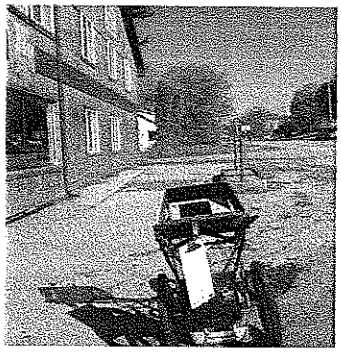
2. **Pipehorn 500 Dual-Transmitter, Dual-Frequency Locator:** This unit has two separate transmitters. One operates at the highest frequency available in sweeping an area of tracing poor conductors such as iron pipes, fiber optic cable w/tracer tape. A second, low frequency transmitter enables us to quickly isolate a single conductor in congested areas, or to trace for a long distance. **NOT IMPLEMENTED**

3. **The Subsite 75R/75T:** This unit provides digital signal processing for a variety of applications. The unit offers Active, Passive and Beacon locating modes. The unit transmits via direct line connections, induction clamp or induces broadcast signals. An 80 kHz frequency facilitates locating metallic lines with insulators that weaken or block low frequencies. In passive mode, detects signals generated by 50/60 HZ power as well as radiated radio frequencies. **NOT IMPLEMENTED**

2.2 Geophysical Survey Results

A Ground Penetrating Radar (GPR) survey was conducted on four sides of the building on the property. Traverses were conducted in a north/south and east/west direction in all areas. No parabolic features characteristic of underground storage tanks was located within the data. The extent of a known septic tank was located on the southern side of the building and marked on the surface on the day of the survey. All depths are approximate based on an estimation of the dielectric constants of the sub-soils.

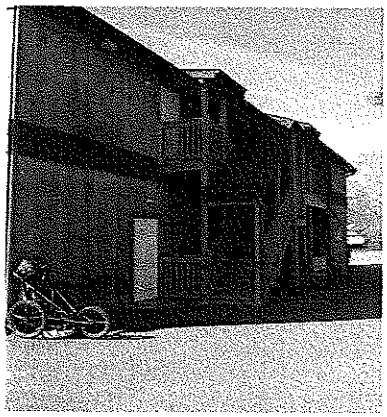
The survey began on the eastern side of the building around a former pump island. Refer to DZT file TRC1 a 93.15' northerly traverse showing no anomalies common to UST's. Traverses were perpendicular to the building next. Refer to DZT file TRC5 a 25.67' easterly traverse showing no parabolic features common to underground utilities within the data.



The above photo represents the surveyed area on the eastern side of the building.

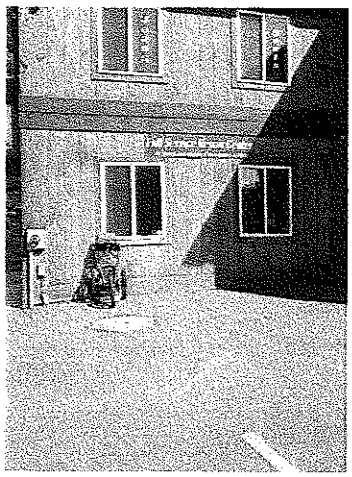
The survey continued to the northern side of the building and northerly traverses were conducted from the wall. No parabolic features common to UST's was located within the data. Refer to DZT file TRC32 a northerly traverse in the approximate center of the northern wall. DZT file TRC38 a 563.44' east/west traverse.

Ground Penetrating Radar Survey



The above photo represents the northern side of the building.

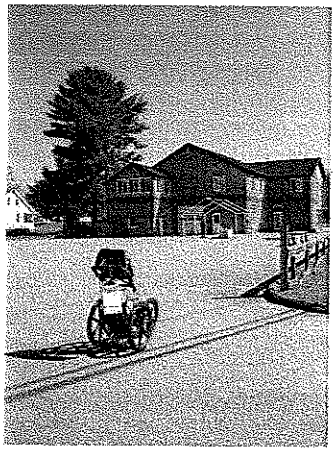
The next area surveyed was the southern side of the building. Refer to DZT file TRC44 a southerly traverse showing an anomaly common to a known septic tank. The septic tank is located between 3.66' and 8.76' into the data at a depth of approximately 1.42' below the surface.



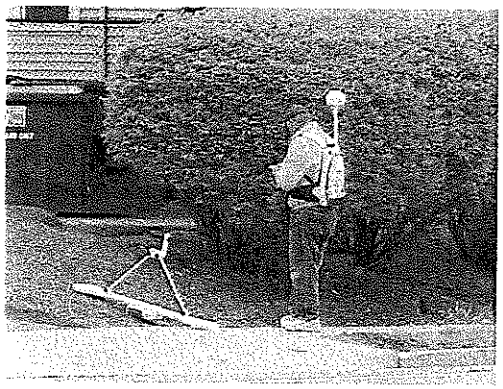
The above photo represents the southern side of the building. The concrete cover represents the cleanout for the septic tank.

The last area surveyed was the large parking lot on the western side of the building. Refer to DZT file TRC53 a westerly traverse starting at the southwestern corner showing no unusual anomalies. DZT file TRC49 represents a north/south traverse starting on the southern side of the parking lot between the curbs.

Ground Penetrating Radar Survey



The above photo represents the western side of the building from the western driveway.

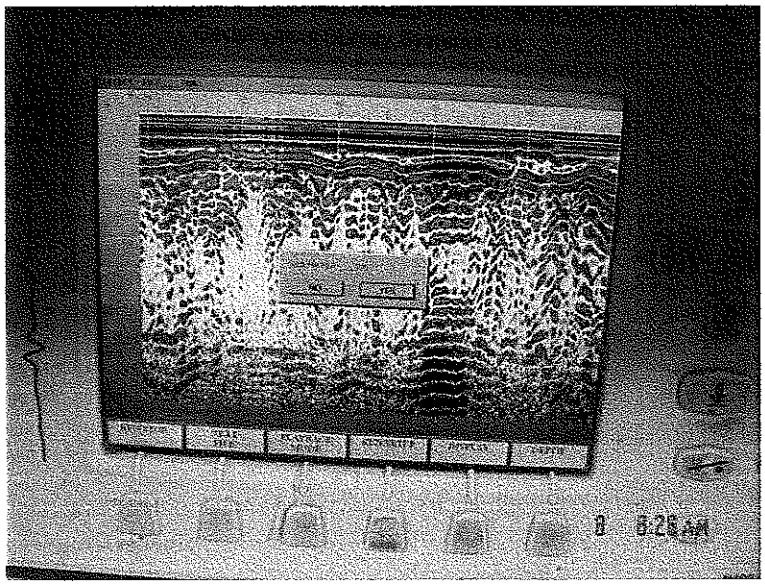


****NEW SERVICE****

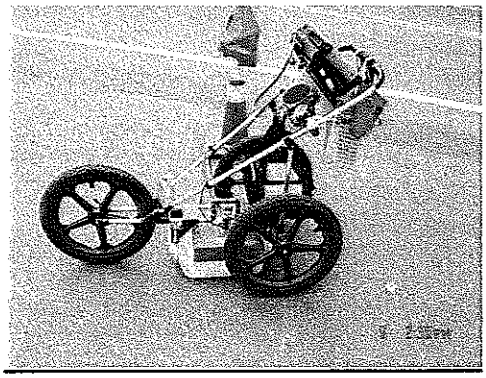
Sub-Surface Informational Surveys, Inc. is now offering Electromagnetic Induction (EM)

For more information, call 413-525-4666

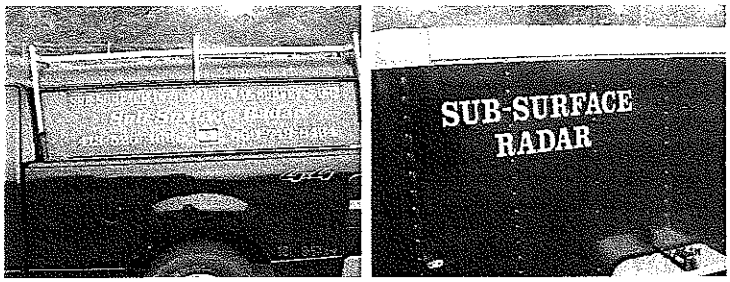
Ground Penetrating Radar Survey



Sample: Real-time data collected



SIR-3000 GPR System used in this survey



END OF REPORT

GPR ANALYTICAL RESULTS--SIR 3000

The attached analytical result are copies of GPR Data Files collected in the field and reproduced at our corporate office. After reviewing the data, selected samples are taken and duplicated for this report.

Copies are made under the following guidelines:

A. When there are distinctive differences in the collected data. NOTE: When one traverse is almost identical in characterization to another, only one copy would be reproduced.

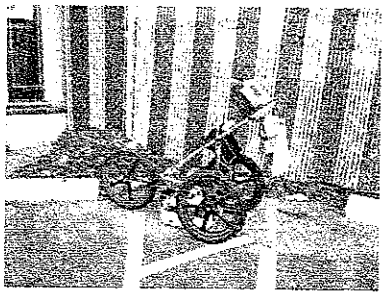
B. If there is a significant difference with suspected anomaly found within the data.

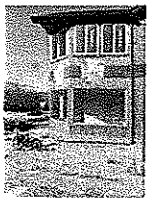
C. In the location of anomalies, such as pipes, and/or conduits, underground storage tanks or other specific characteristics important to the investigation, such data is copied and annotated.

D. Samples of *signal refusal*, (water, clay, or some other highly conductive sub-surface interface).

E. Requested data.

F. Specific locations of rebar and conduits using encoder wheel with measured bench marks.



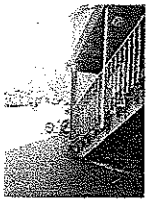

0511090826

0511090826a

0511090827

0511090844

0511090858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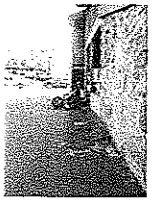
0511090859


0511090902

0511090923

0511090940

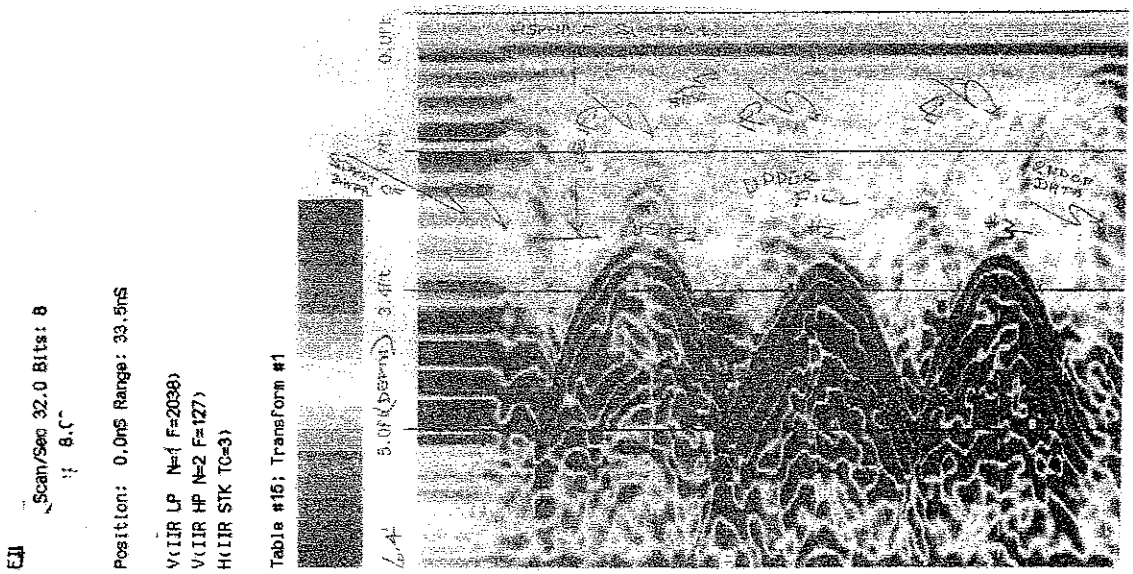
0511090940a

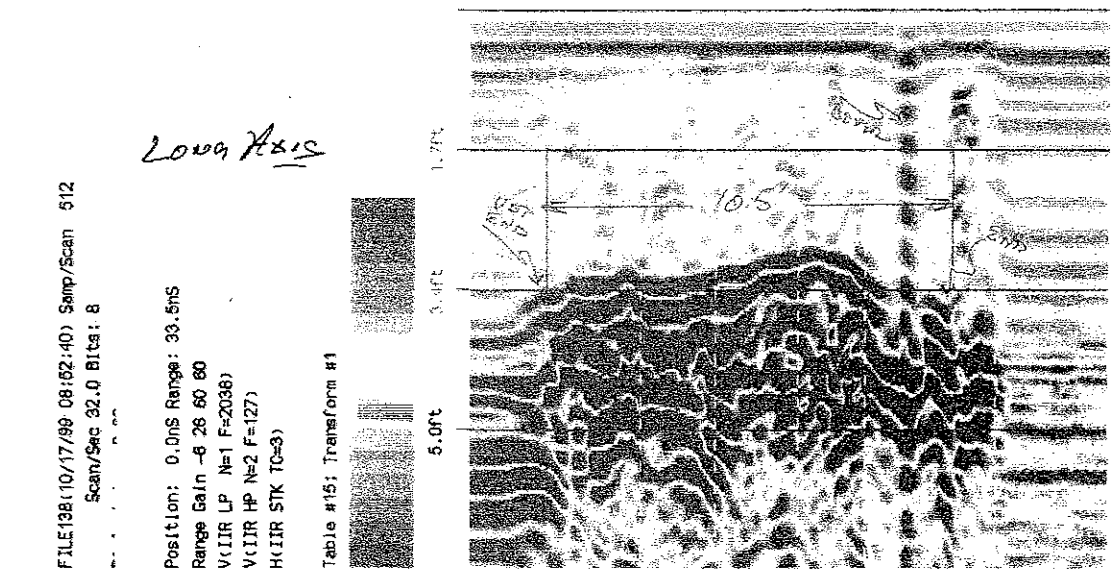
0511090946

0511090946ar

GPR REPORT

The profiles shown below represent copies of real data collected in the field. Each collected piece of data is issued a FILE# on the information tab to the left of the data. This FILE# is referenced within the report. Each piece of data is annotated from the information collected in the field such as estimated depth, length, direction or any other information that may be helpful to the subsurface investigation. The computer settings such as dielectric values, range in nanoseconds etc., is part of the information tab. The vertical benchmarks indicate points designated on the surface for the purpose of pinpointing a particular anomaly. This is used to estimate sometimes width or length or even distance between surface points such as fence posts, white lines in parking lots, centerlines of vehicles etc. The sign indicates 180 degree change in direction such as from a northerly traverse to a southerly traverse within the same piece of data. The profile below (FILE134) represents a perpendicular traverse over three 1,000g underground storage tanks at approximately 30" below the asphalt surface. The vertical benchmarks represent the centerline of each tank which was marked with marking paint on the surface per customer request. FILE138 is traversing over the long axis of one of the tanks with the vertical benchmarks at 2' intervals. The tank shows a profile of 10.5' in length from end-to-end.

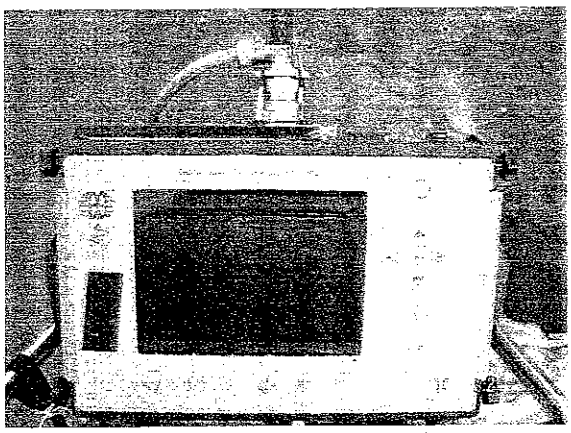




GPR PROFILES OBTAINED IN THE FIELD

The attached copies are reproductions from data acquired in the field from the GSSI, SIR 3000 Geophysical computer. The original copies are downloaded on a T-104 thermal printer and reproduced on our commercial copier. Photo's are taken by a Sony DSC-F707 Digital still camera, using a 128 MB memory stick. The camera has the ability to take pictures in a no-light environment, which is useful for inside low light or no light building interiors, or during overcast days.

The pictures are downloaded in a Photo Suite program and reproduced at 640 X 480: 0.35 mega pixels. In addition, a disc is supplied with most reports of all the important photo's taken at the survey site. The image size duplicated makes it easy for e-mail attachments to be sent to your customer.

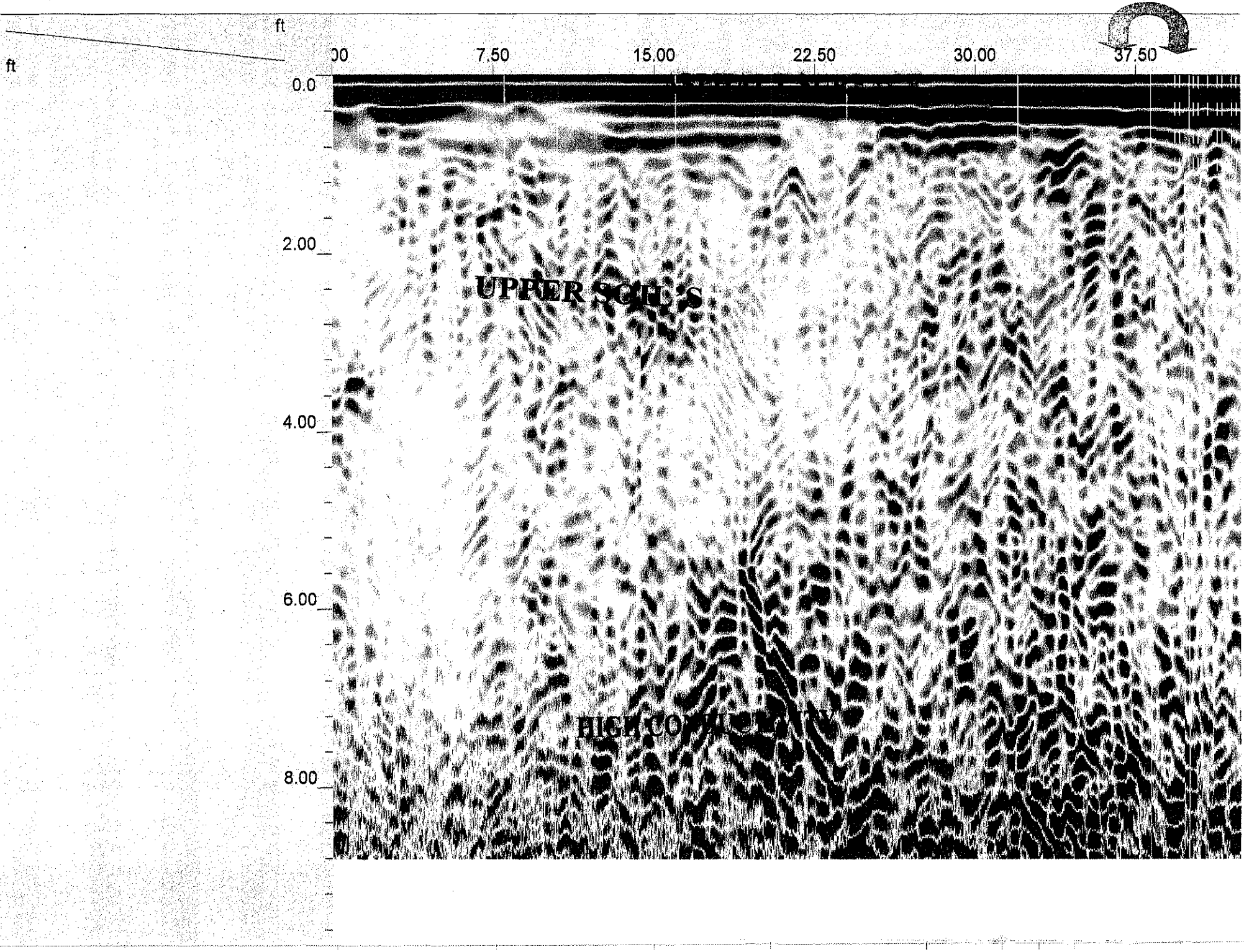


'he data represents an east/west traverse on
ıe northern side of the building showing no
ıarabolic features common to underground
torage tanks within the data.

:reated May, 11 2009, 09:16:22 Modified May, 11 2009, 09:19:38
:hannel(s) 1 Samples/Scan 512 Bits/Sample 16
;cans/Second 100 Scans/Meter 59.0551 Meters/Mark 2.4384
)iel Constant 8

:HANNEL 1 400MHZ
'osition 0 nS Range 57 nS
'ert IIR LP N =1 F =800 MHz
'ert IIR HP N =1 F =100 MHz
'osition Correction -0.85 nS
{ange Gain (dB) -11.0 9.0 44.0
'osition Correction 6.46 nS

= 180°


ft
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00
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15.00
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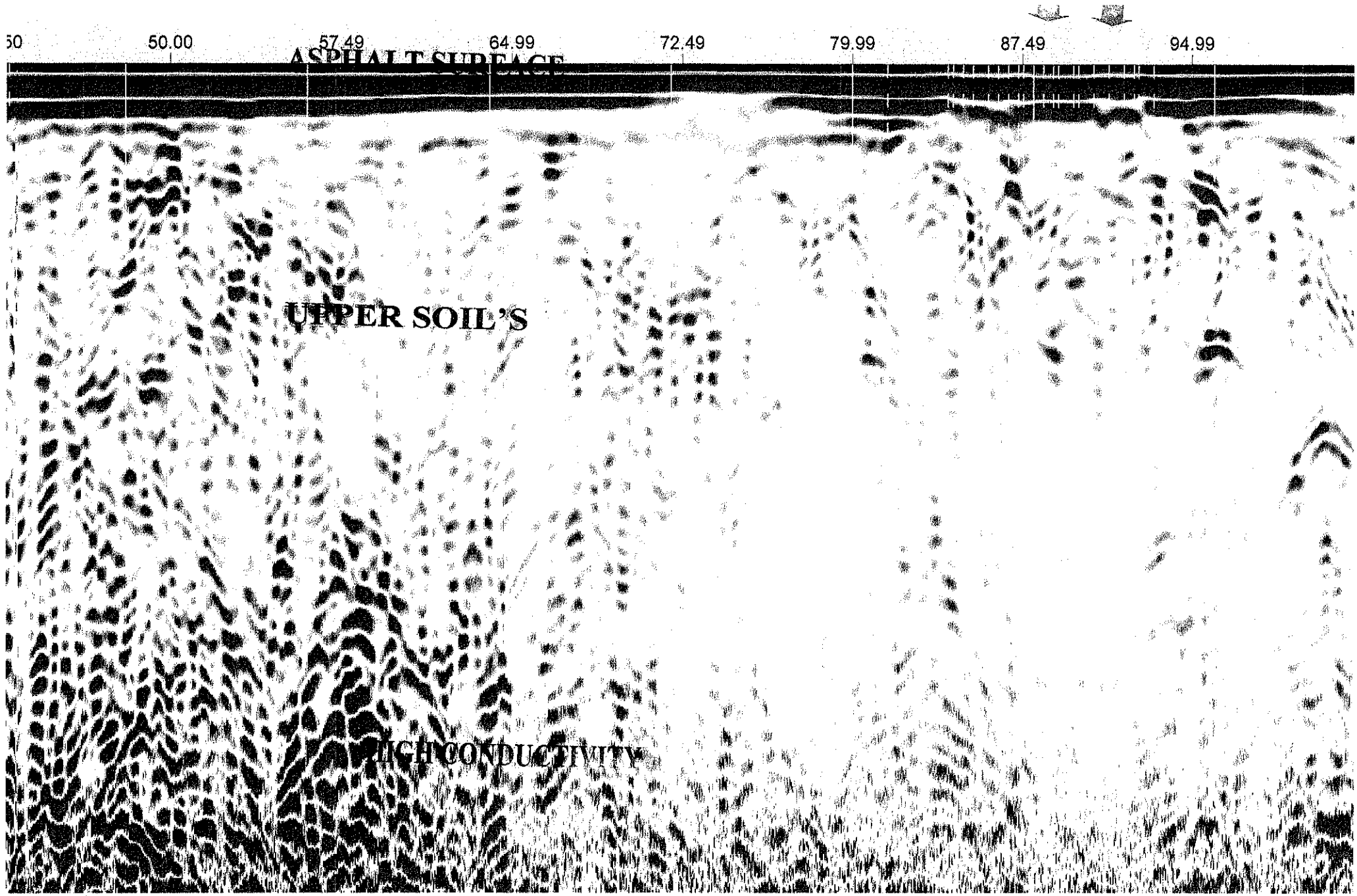
30.00
37.50
0.0
2.00
4.00
6.00
8.00
UPPER SOIL'S
HIGH COMPACT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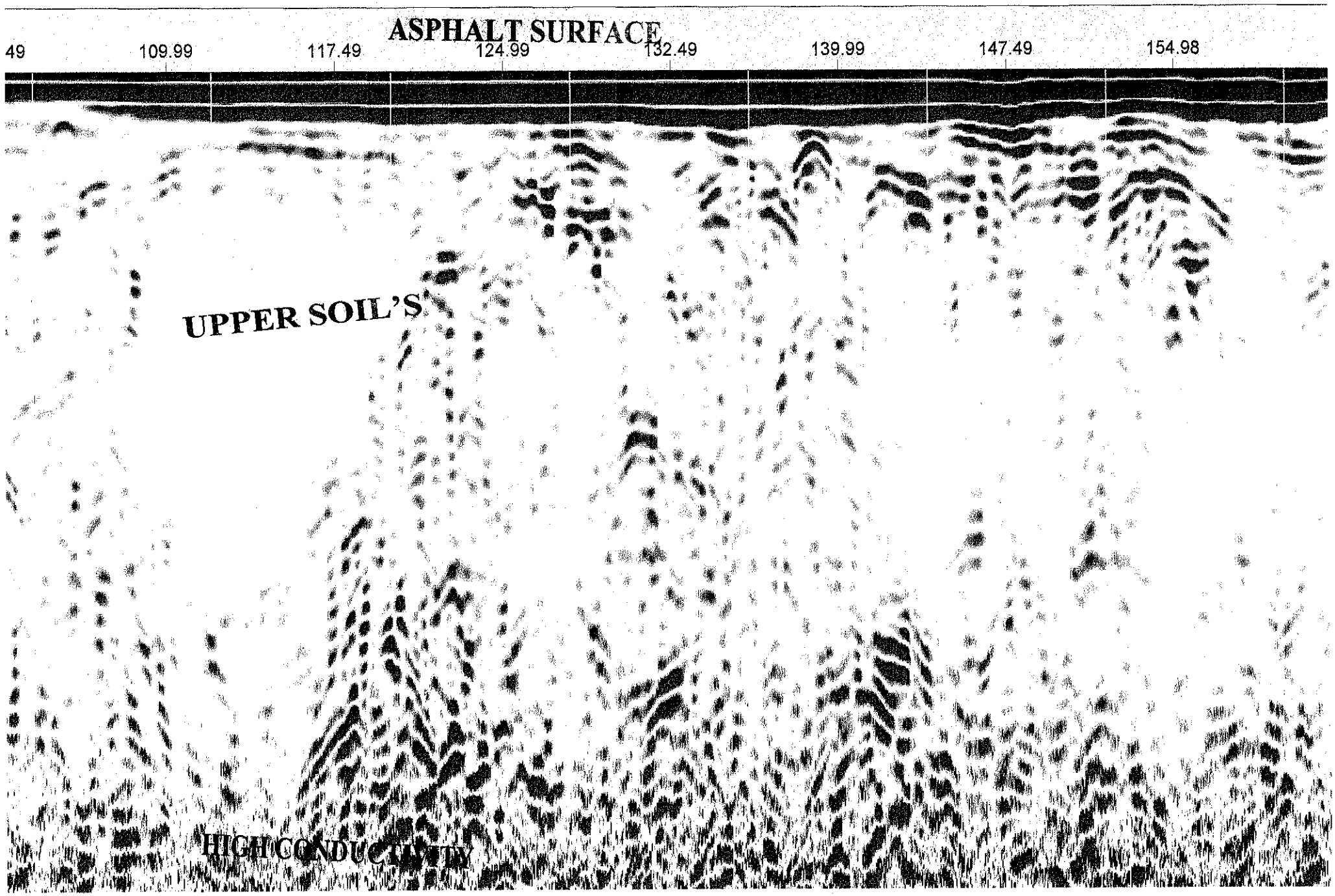
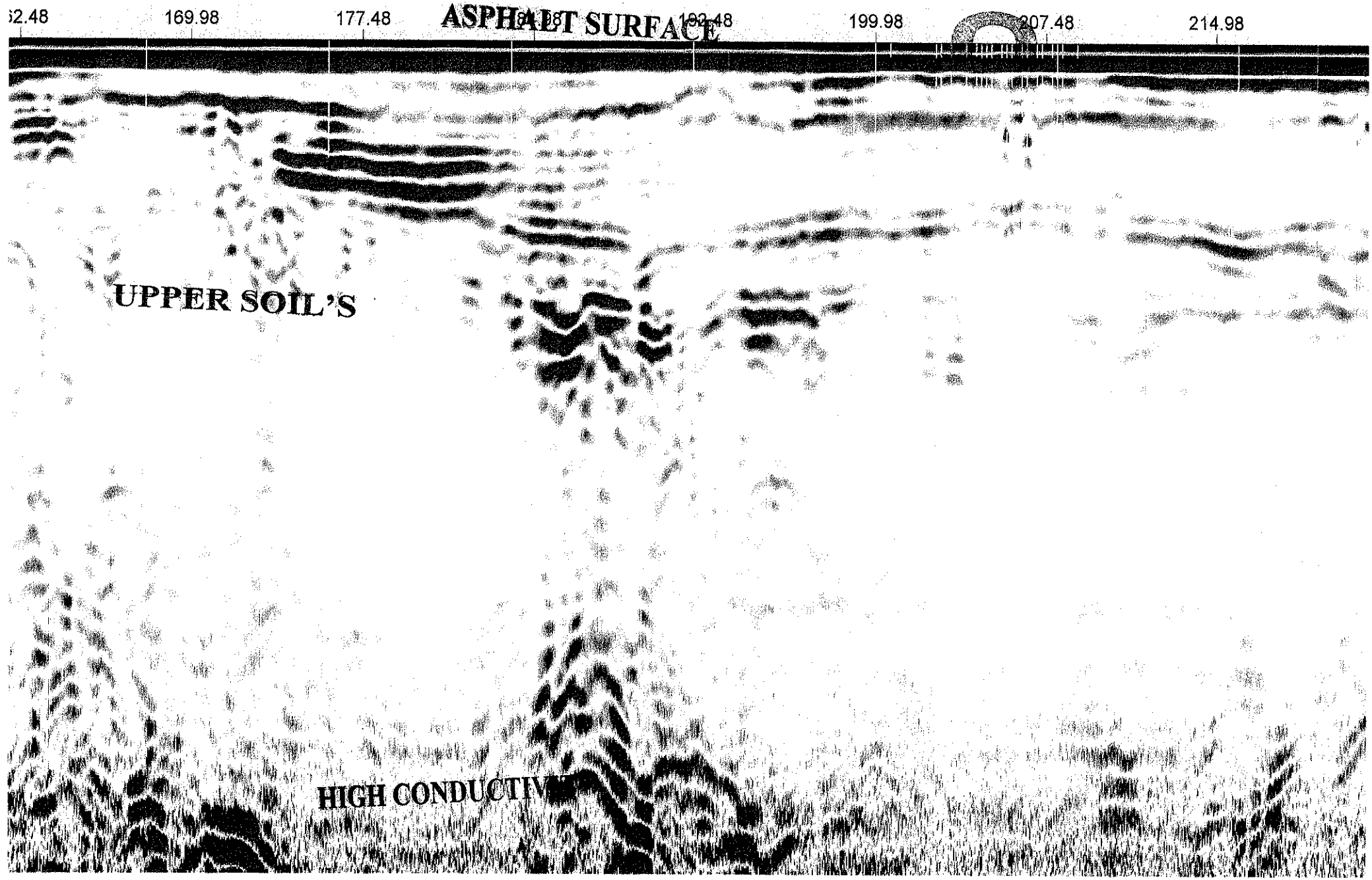
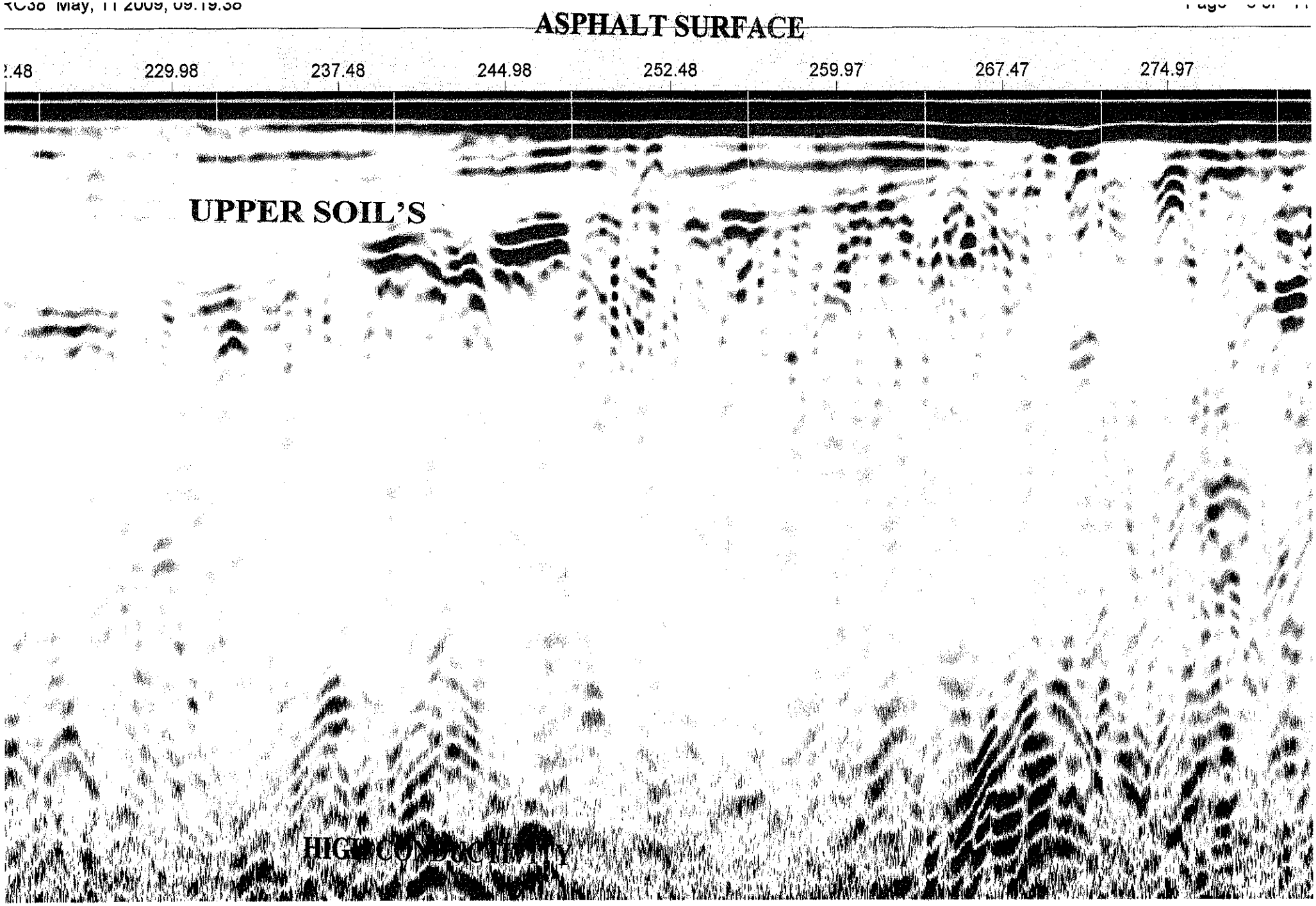
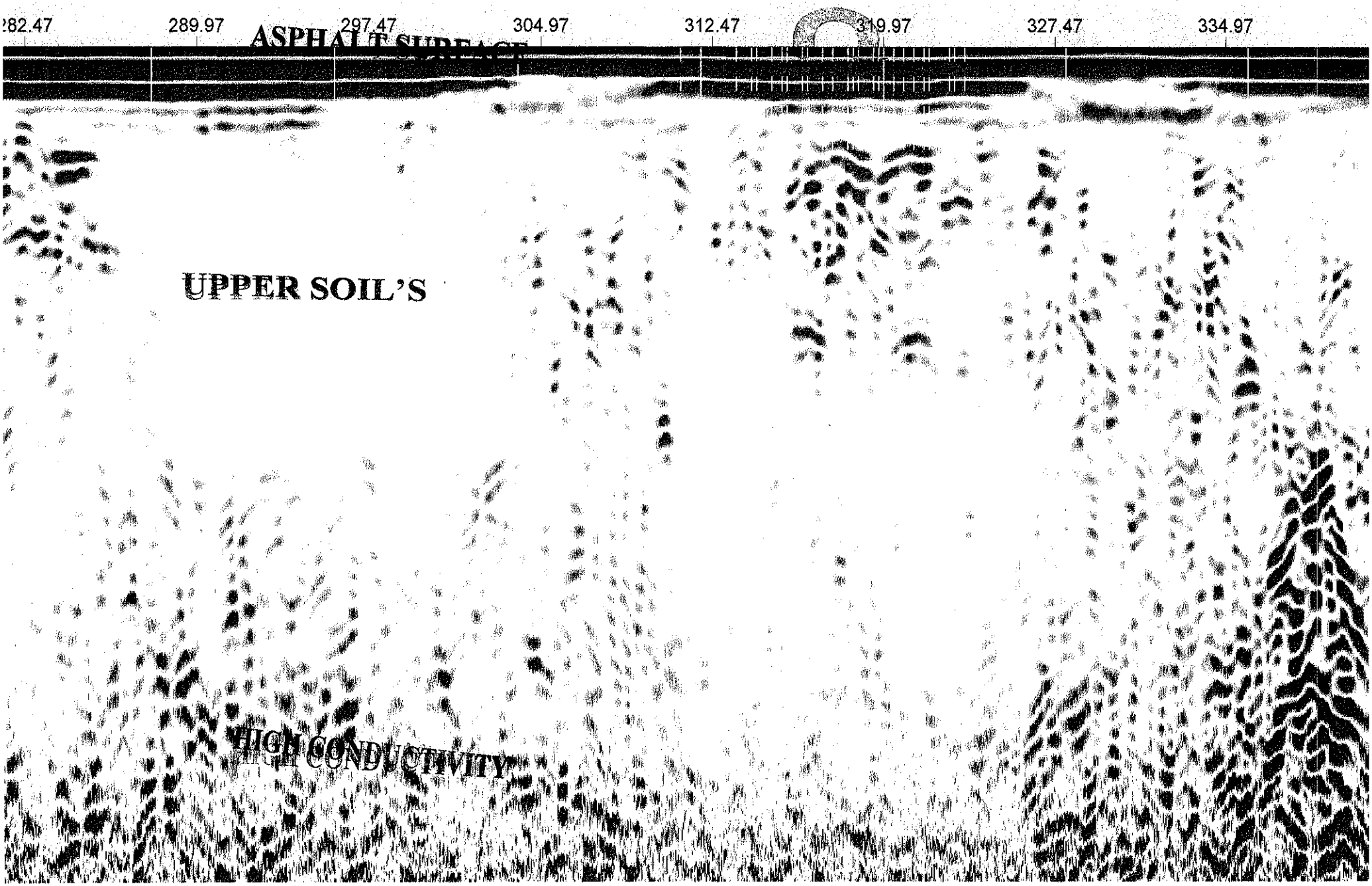
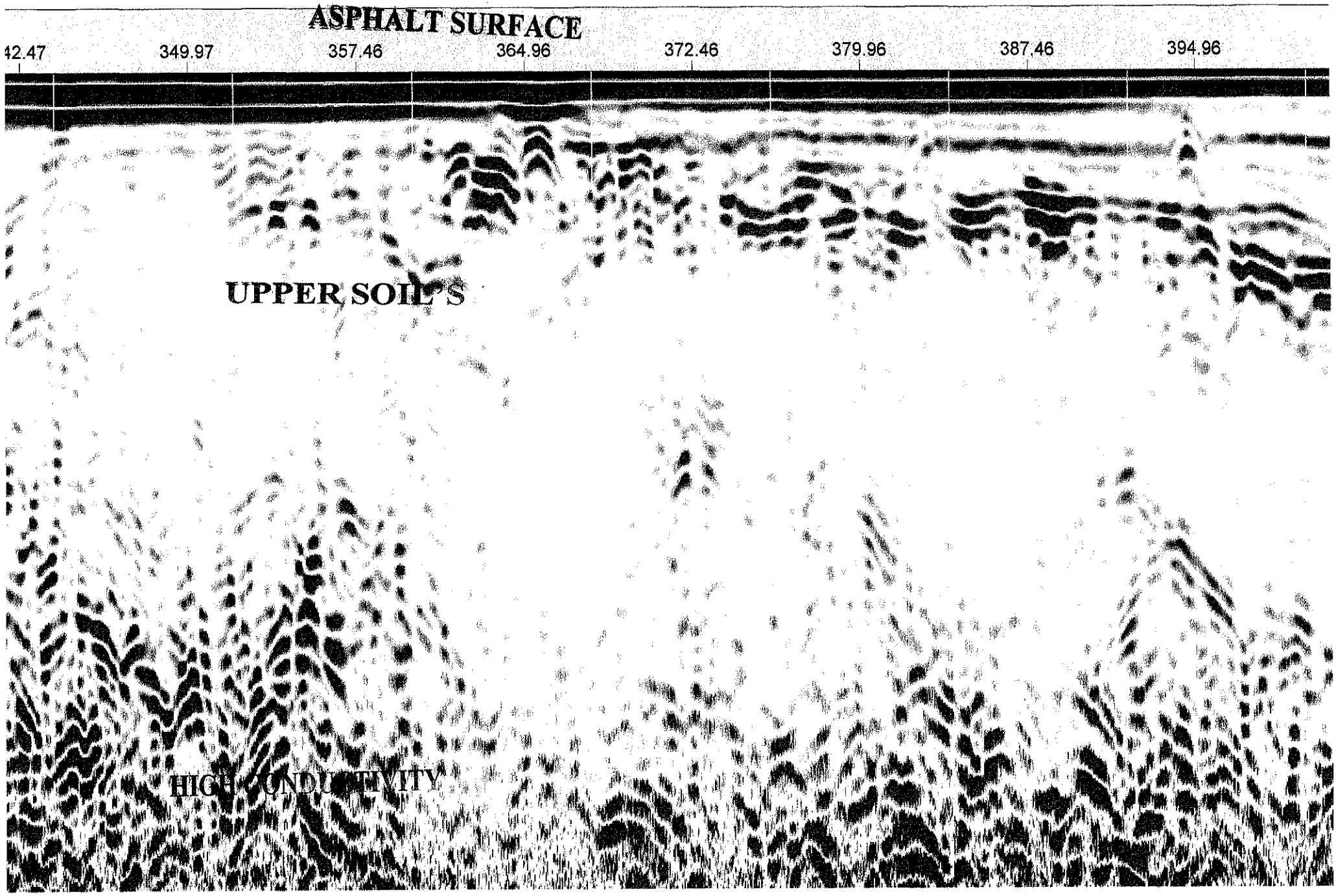
64.99
72.49
79.99
87.49
94.99
ASPHALT SURFACE
UPPER SOIL'S
HIGH CONDUCTIVITY

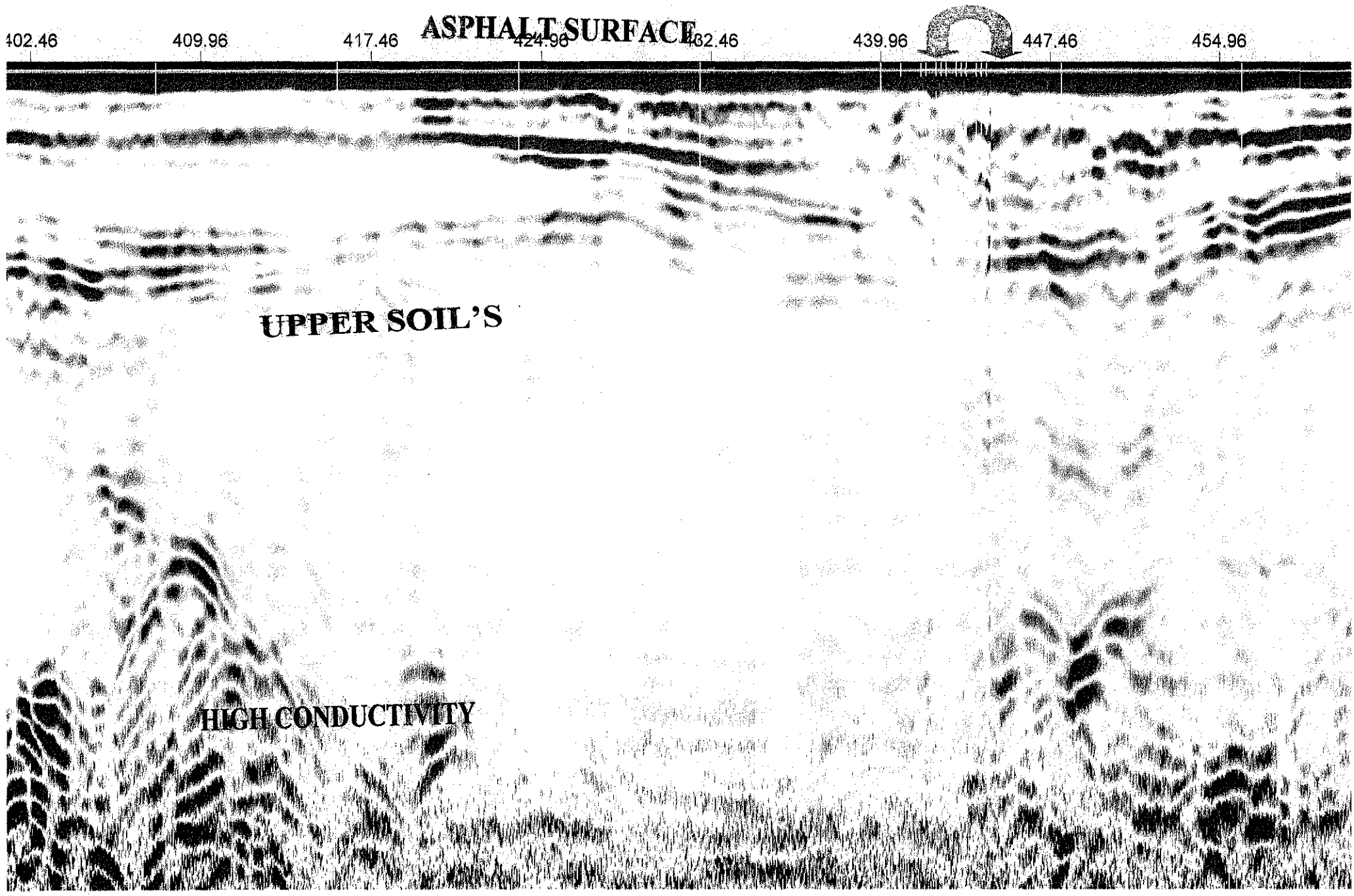

ASPHALT SURFACE
49
109.99
117.49
124.99
132.49
139.99
147.49
154.98
UPPER SOIL'S
HIGH CONDUCTIVITY


52.48
169.98
177.48
ASPHALT SURFACE
199.98
207.48
214.98
UPPER SOIL'S
HIGH CONDUCTIV

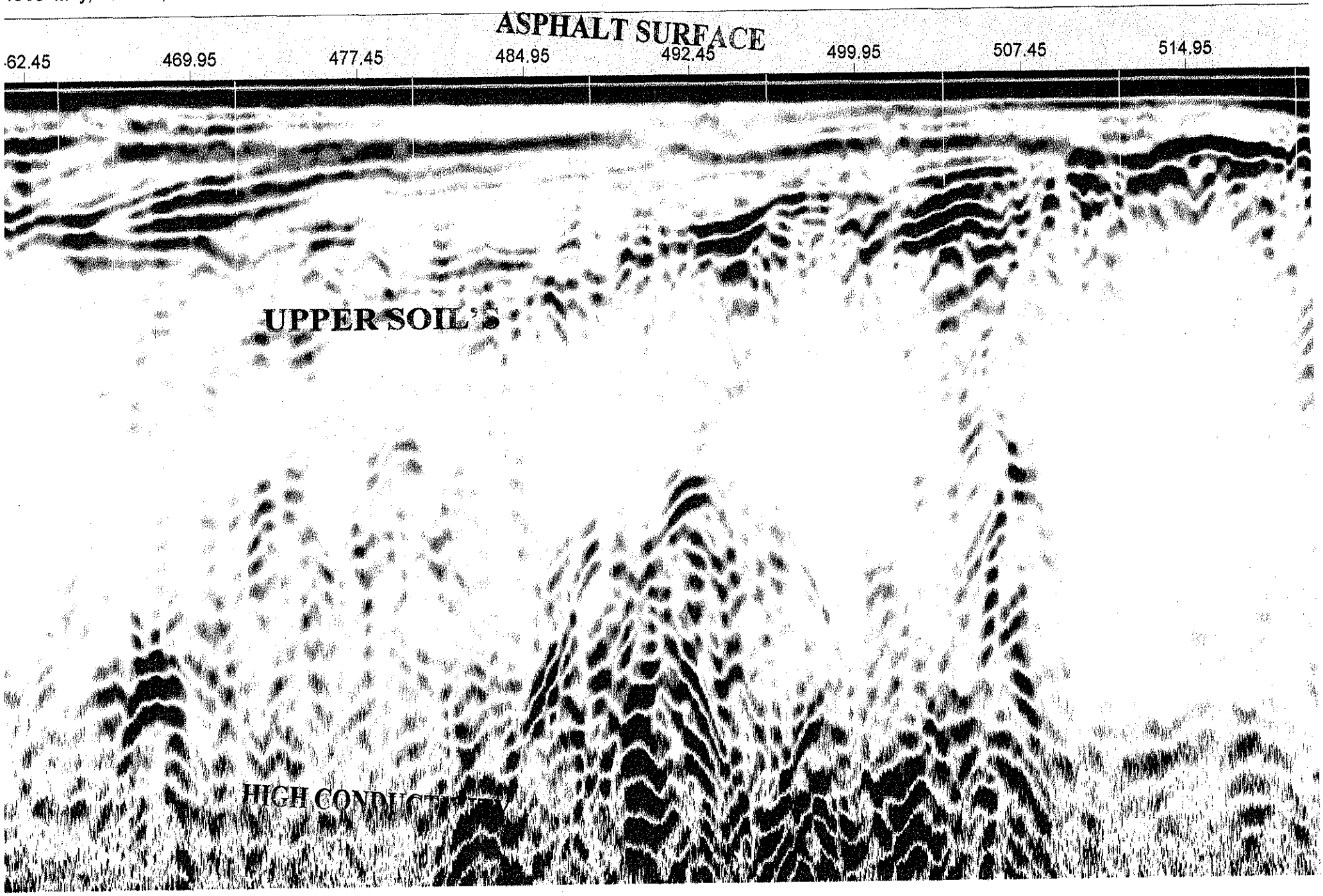

ASPHALT SURFACE
.48
229.98
237.48
244.98
252.48
259.97
267.47
274.97
UPPER SOIL'S
HIGH CONDUCTIVITY

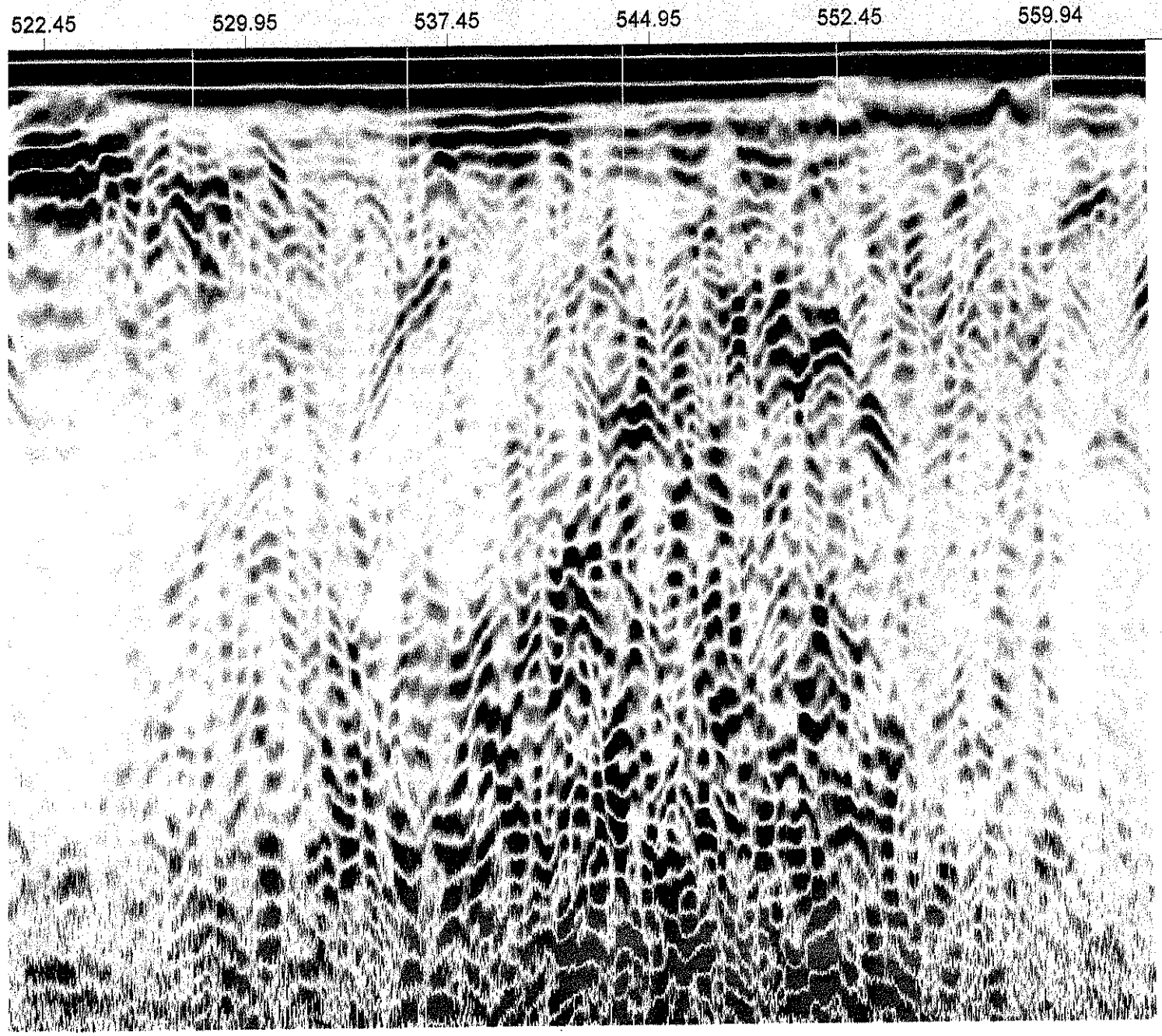

282.47
289.97
297.47
304.97
312.47
319.97
327.47
334.97
ASPHALT SURFACE
UPPER SOIL'S
HIGH CONDUCTIVITY


ASPHALT SURFACE
42.47
349.97
357.46
364.96
372.46
379.96
387.46
394.96
UPPER SOIL'S
HIGH CONDUCTIVITY


402.46
409.96
417.46
424.96
432.46
439.96
447.46
454.96
ASPHALT SURFACE
UPPER SOIL'S
HIGH CONDUCTIVITY

RC38 May, 11 2009, 09:19:38

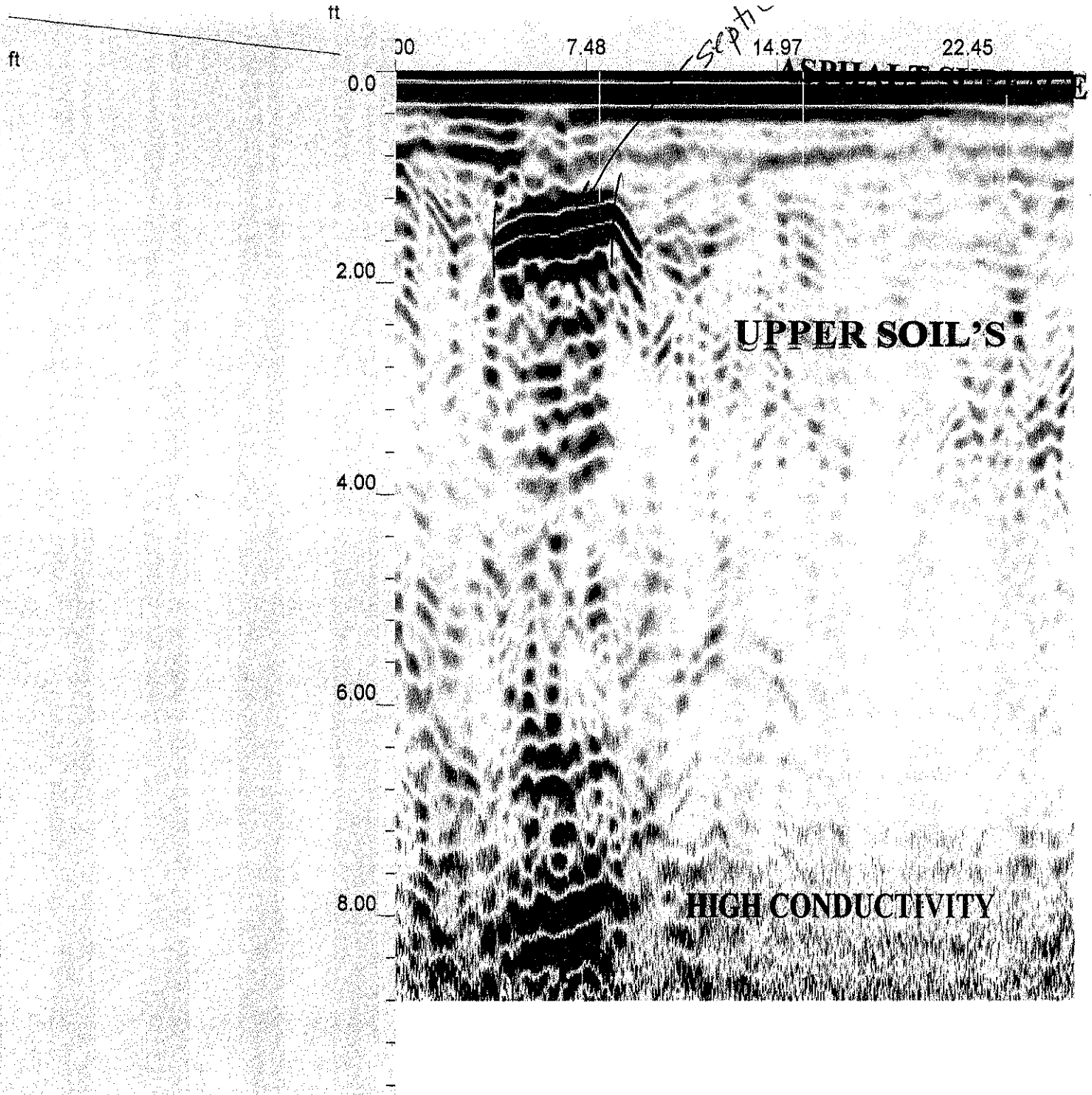



522.45
529.95
537.45
544.95
552.45
559.94

ıe data represents a southerly traverse
ıowing a known septic system.

'eated May, 11 2009, 09:23:46 Modified May, 11 2009, 09:25:00
ıannel(s) 1 Samples/Scan 512 Bits/Sample 16
cans/Second 100 Scans/Meter 59.0551 Meters/Mark 2.4384
iel Constant 8

HANNEL 1 400MHZ
osition 0 nS Range 57 nS
ange Gain (dB) -11.0 9.0 44.0
osition Correction -0.85 nS
ert IIR LP N =1 F =800 MHz
ert IIR HP N =1 F =100 MHz
osition Correction 6.46 nS


ft
ft
00
7.48
14.97
22.45
0.0
2.00
4.00
6.00
8.00
UPPER SOIL'S
HIGH CONDUCTIVITY

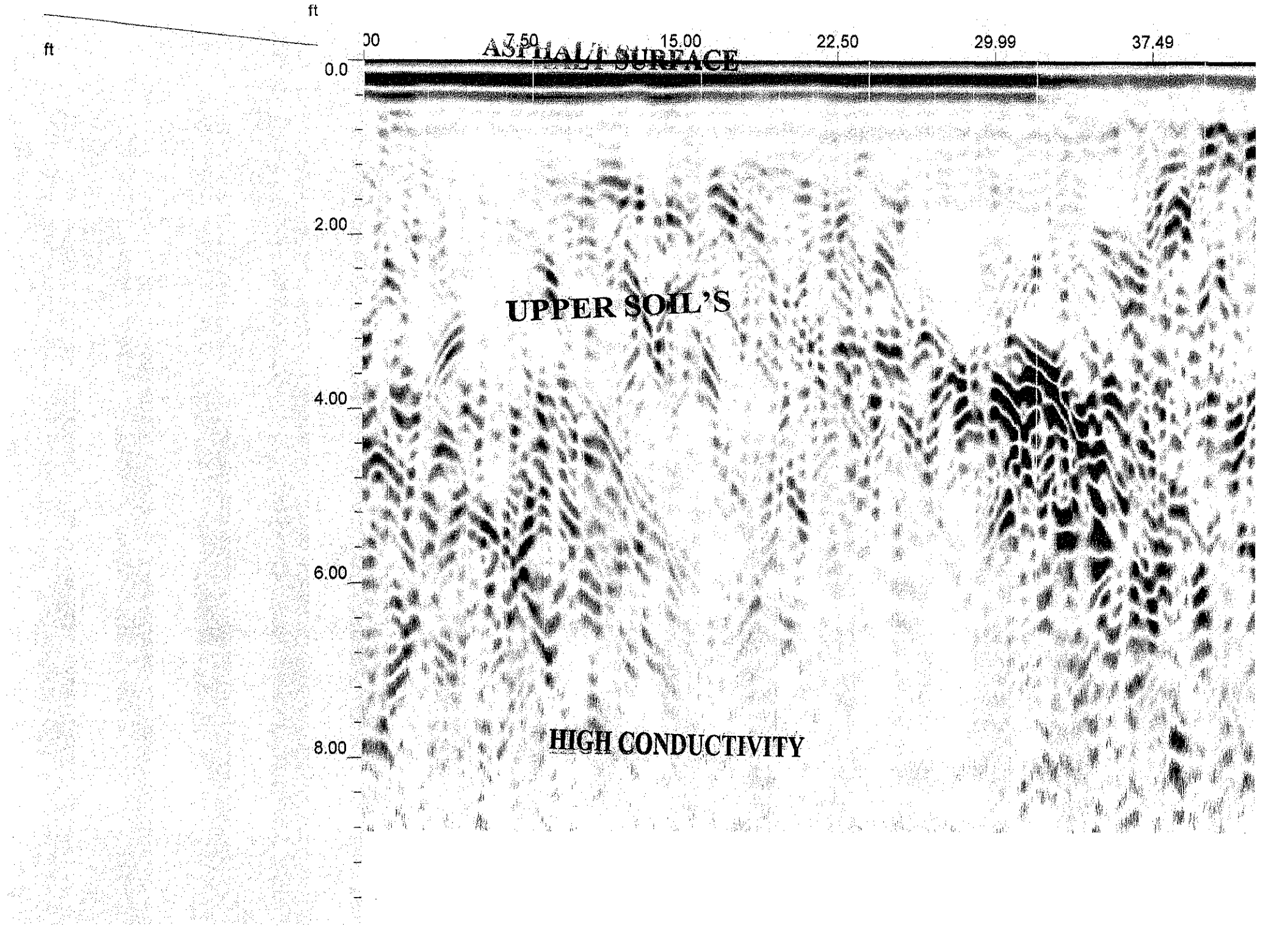
TRC53

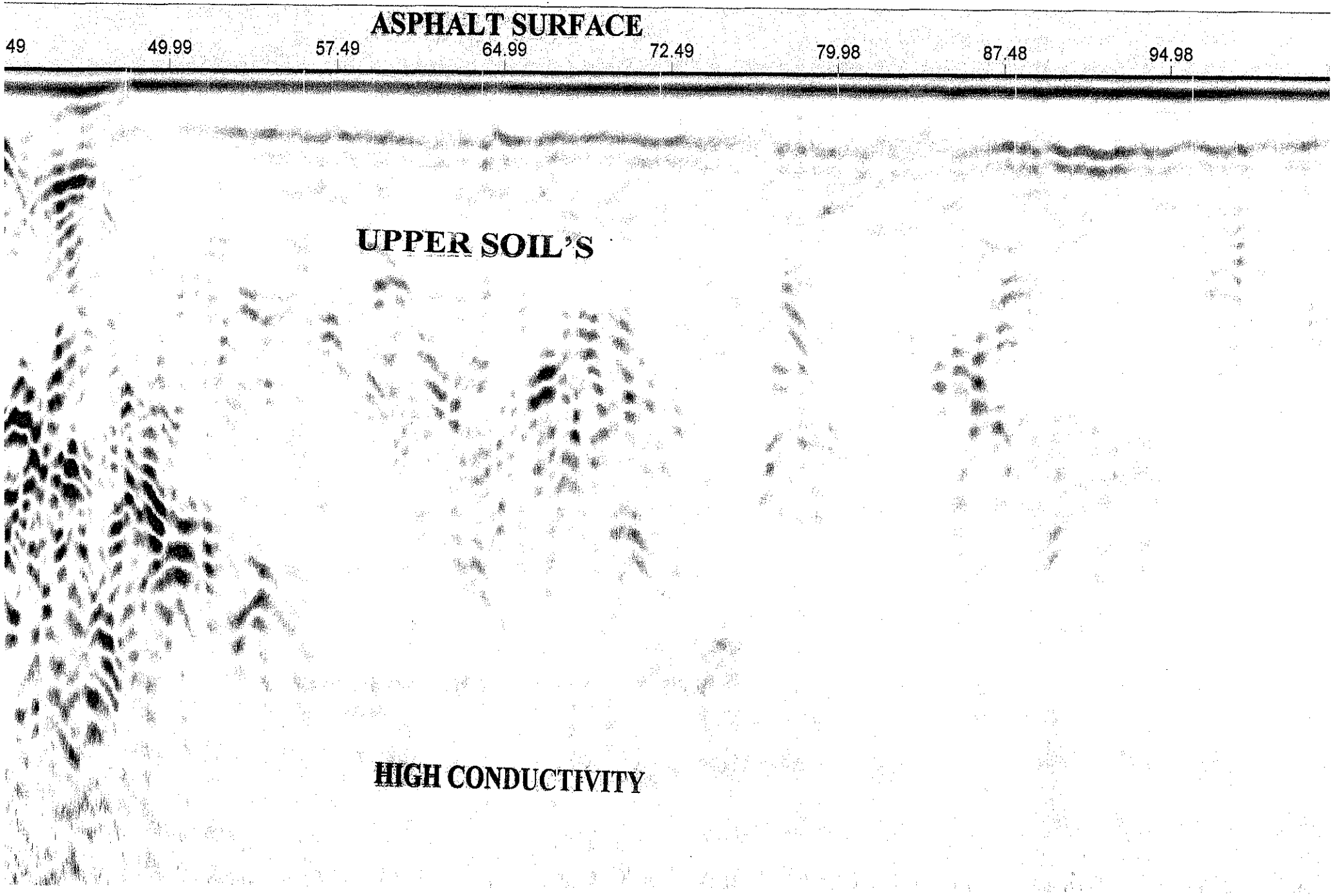
The data represents a westerly traverse starting
at the southwestern corner of the building.

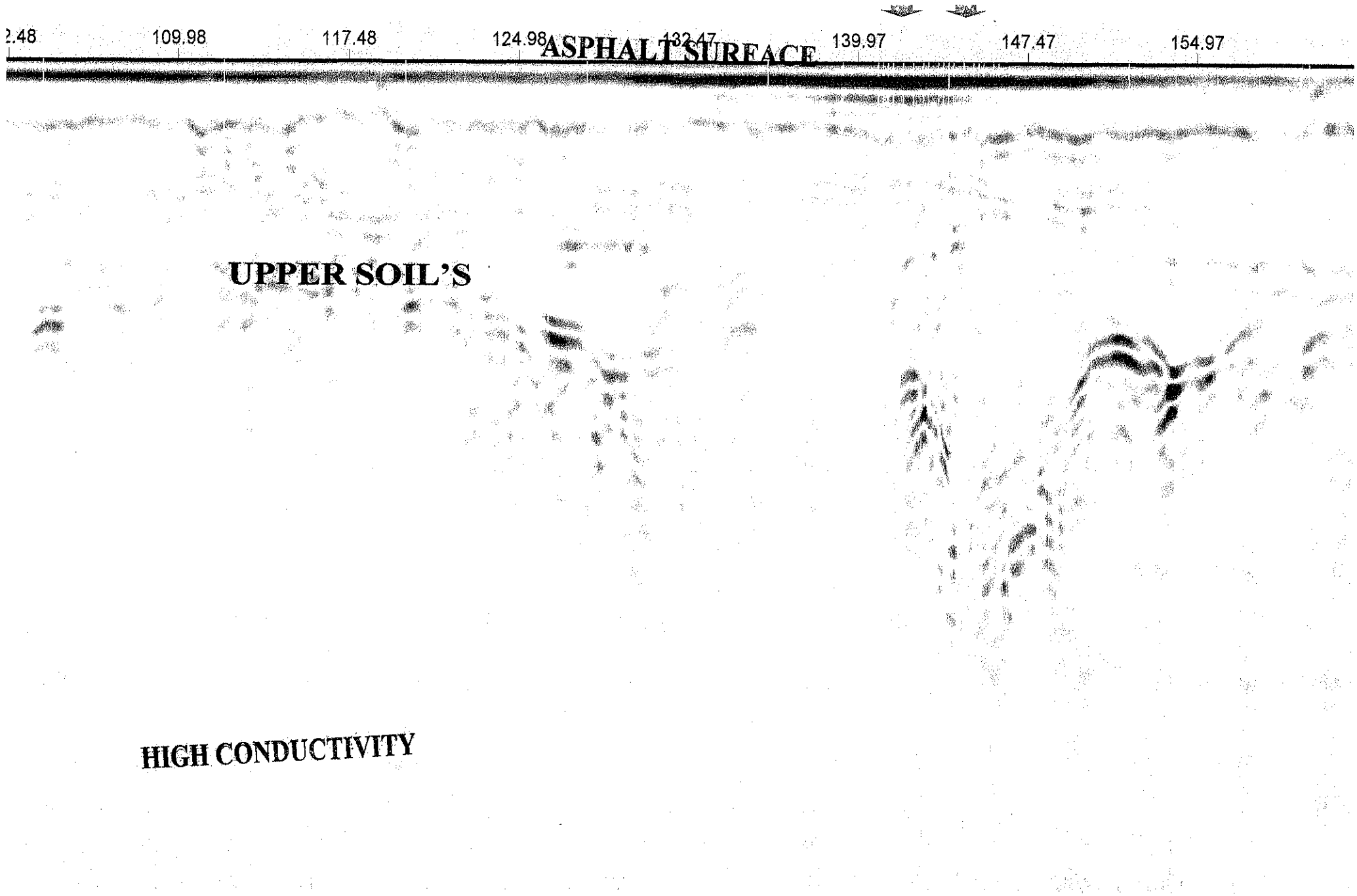
Created May, 11 2009, 09:48:32 Modified May, 11 2009, 09:49:48
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 59.0551 Meters/Mark 2.4384
Diel Constant 8

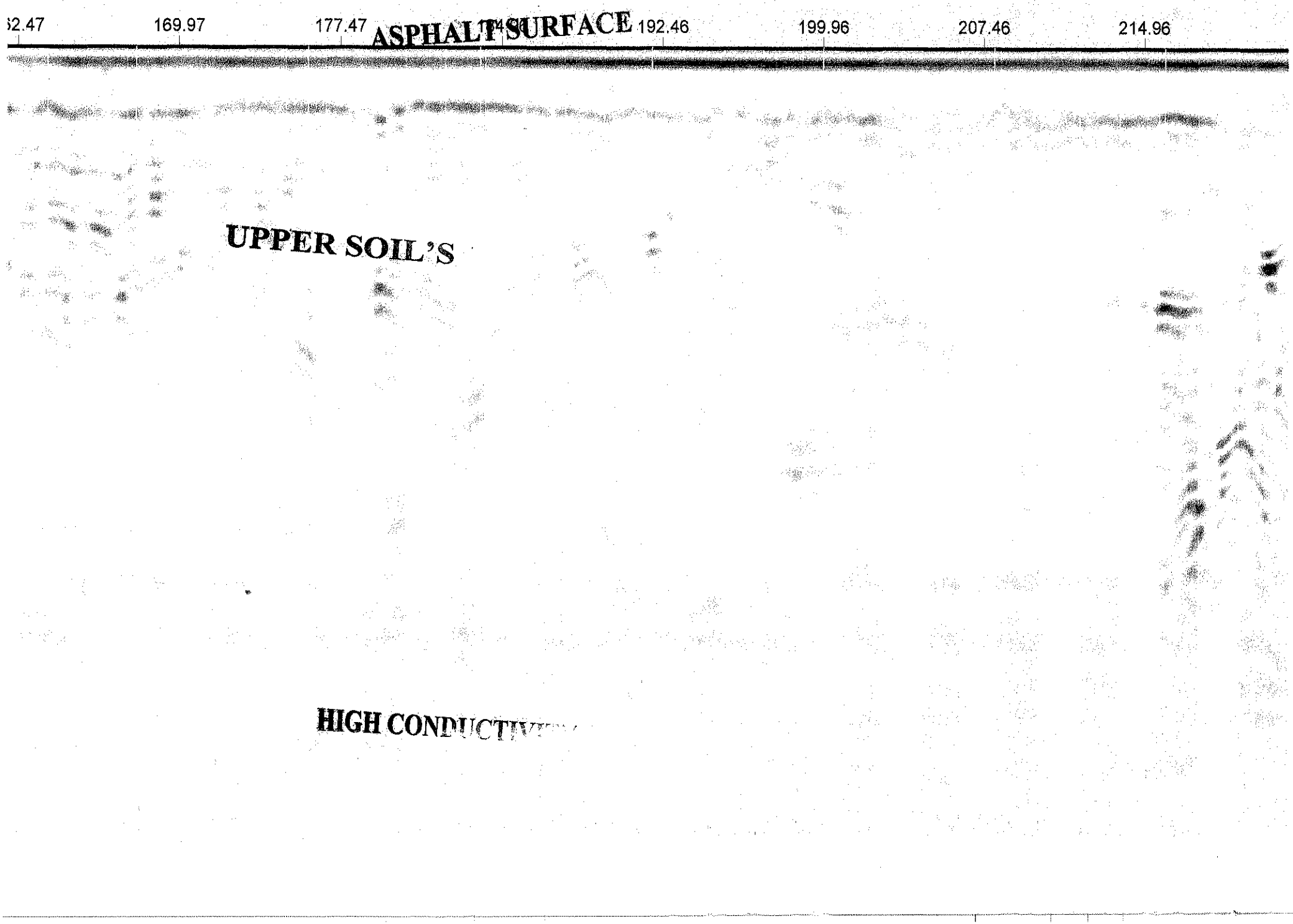
CHANNEL 1 400MHZ
Position 0 nS Range 57 nS
Vert IIR LP N =1 F =800 MHz
Vert IIR HP N =1 F =100 MHz
Position Correction -0.6 nS
Range Gain (dB) -20.0 21.0 38.0
Position Correction 6.23 nS

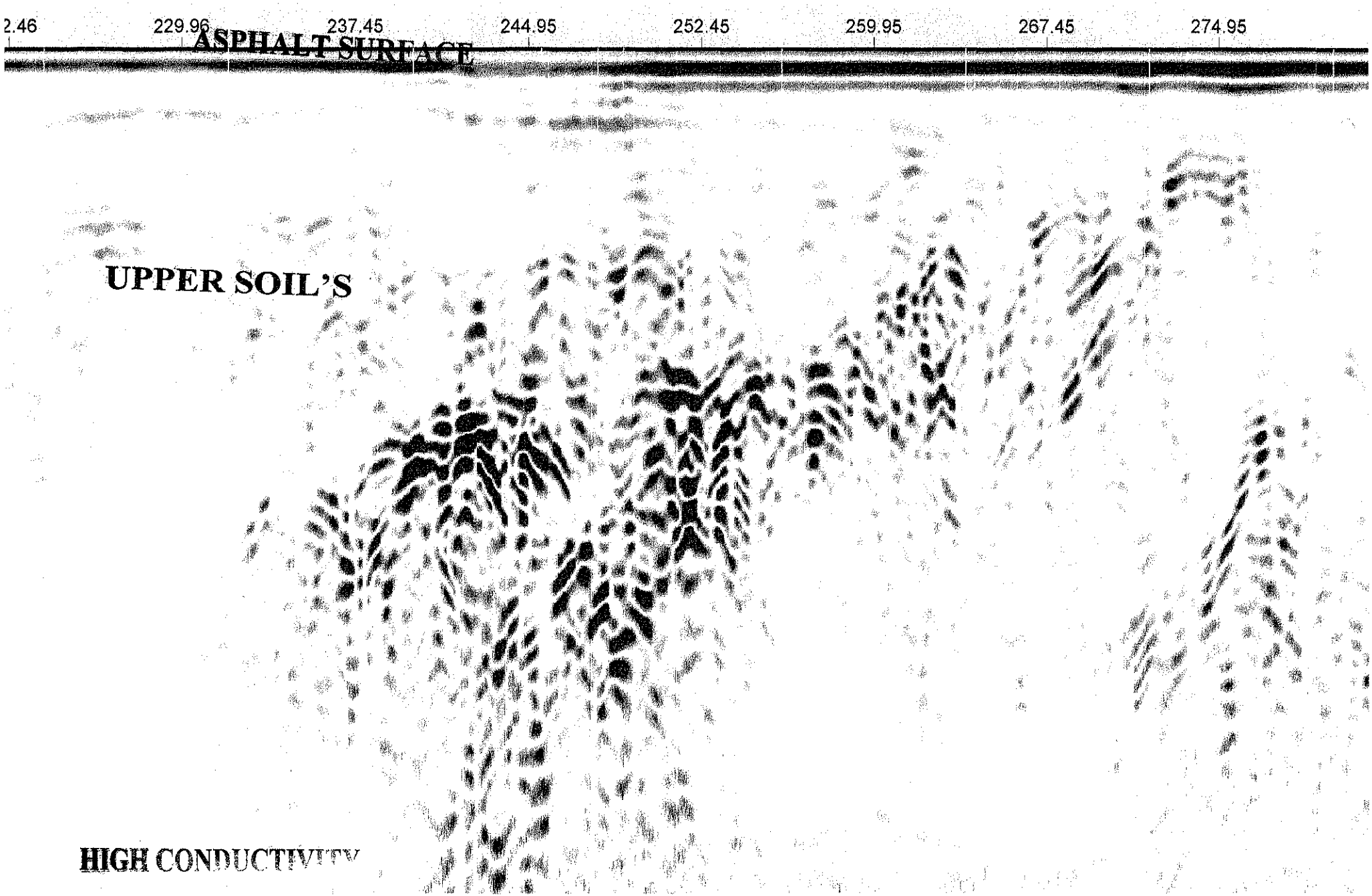
= 180°


ft
ft
00
7.50
15.00
22.50
29.99
37.49
ASPHALT SURFACE
0.0
2.00
4.00
6.00
8.00
UPPER SOIL'S
HIGH CONDUCTIVITY


ASPHALT SURFACE
49
49.99
57.49
64.99
72.49
79.98
87.48
94.98
UPPER SOIL'S
HIGH CONDUCTIVITY


2.48
109.98
117.48
124.98
132.47
139.97
147.47
154.97
ASPHALT SURFACE
UPPER SOIL'S
HIGH CONDUCTIVITY


52.47
169.97
177.47
ASPHALT SURFACE
192.46
199.96
207.46
214.96
UPPER SOIL'S
HIGH CONDUCTIV


2.46
229.96
237.45
244.95
252.45
259.95
267.45
274.95
ASPHALT SURFACE
UPPER SOIL'S
HIGH CONDUCTIVITY

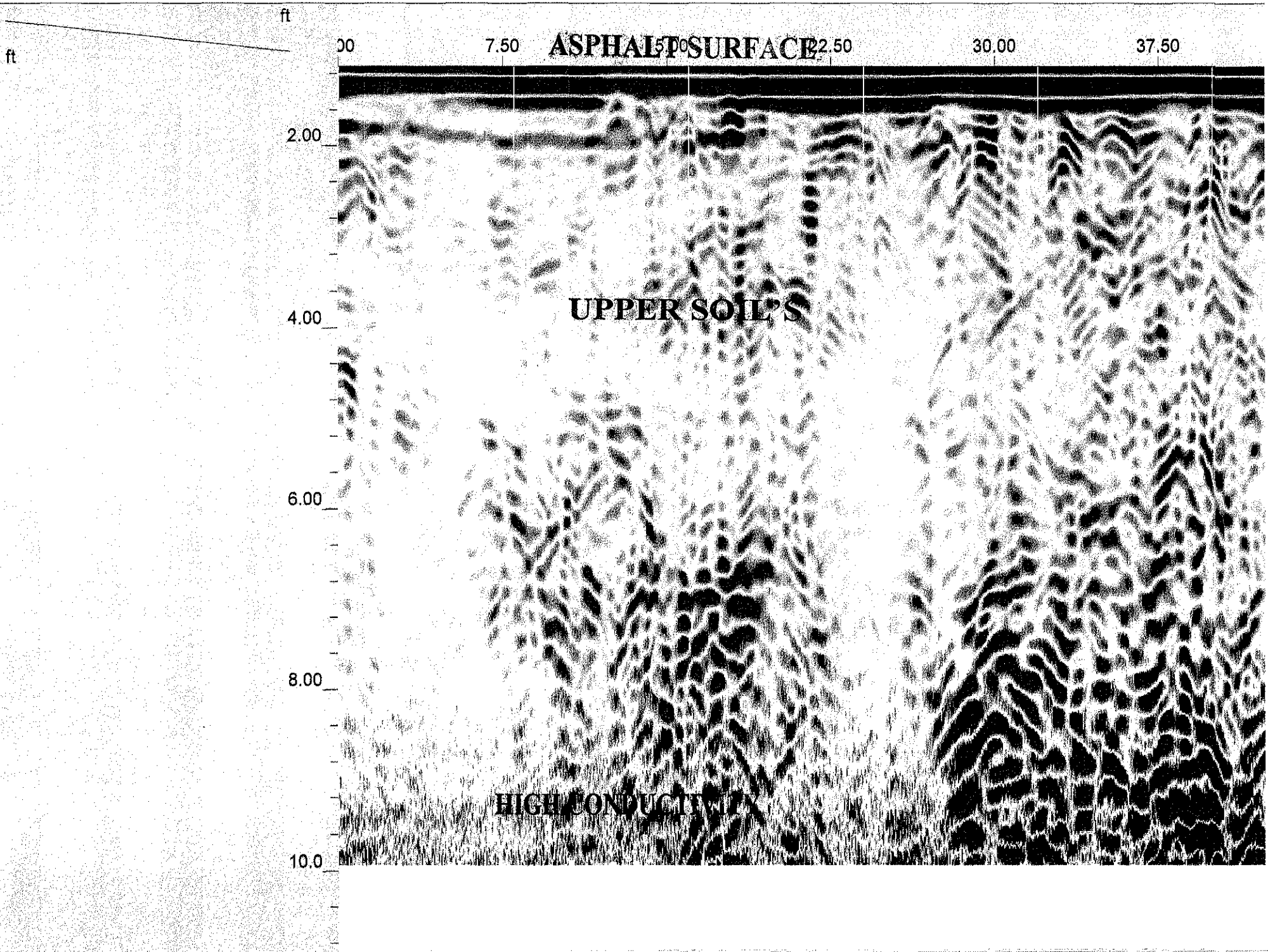
82.44

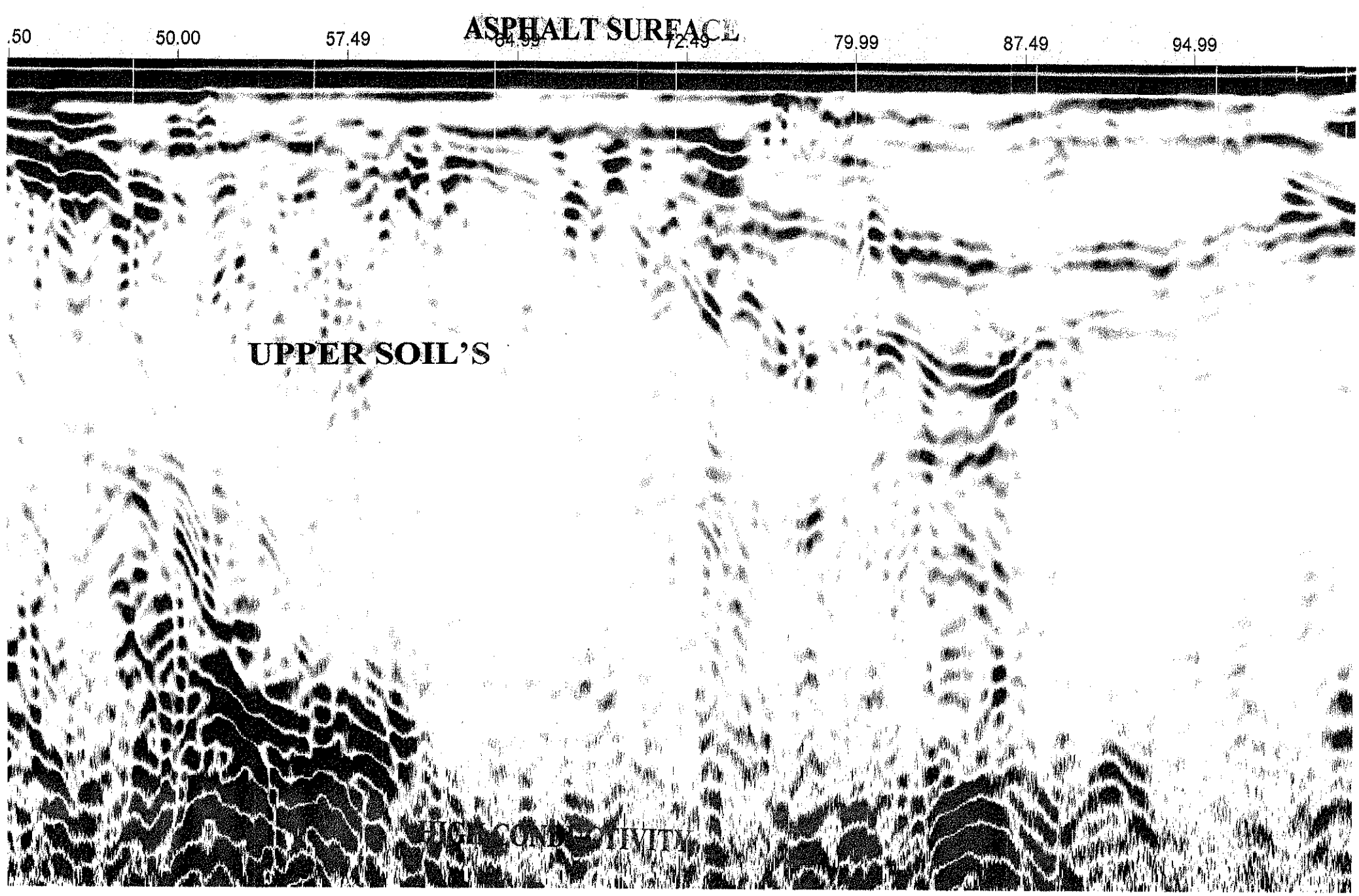
TRC48

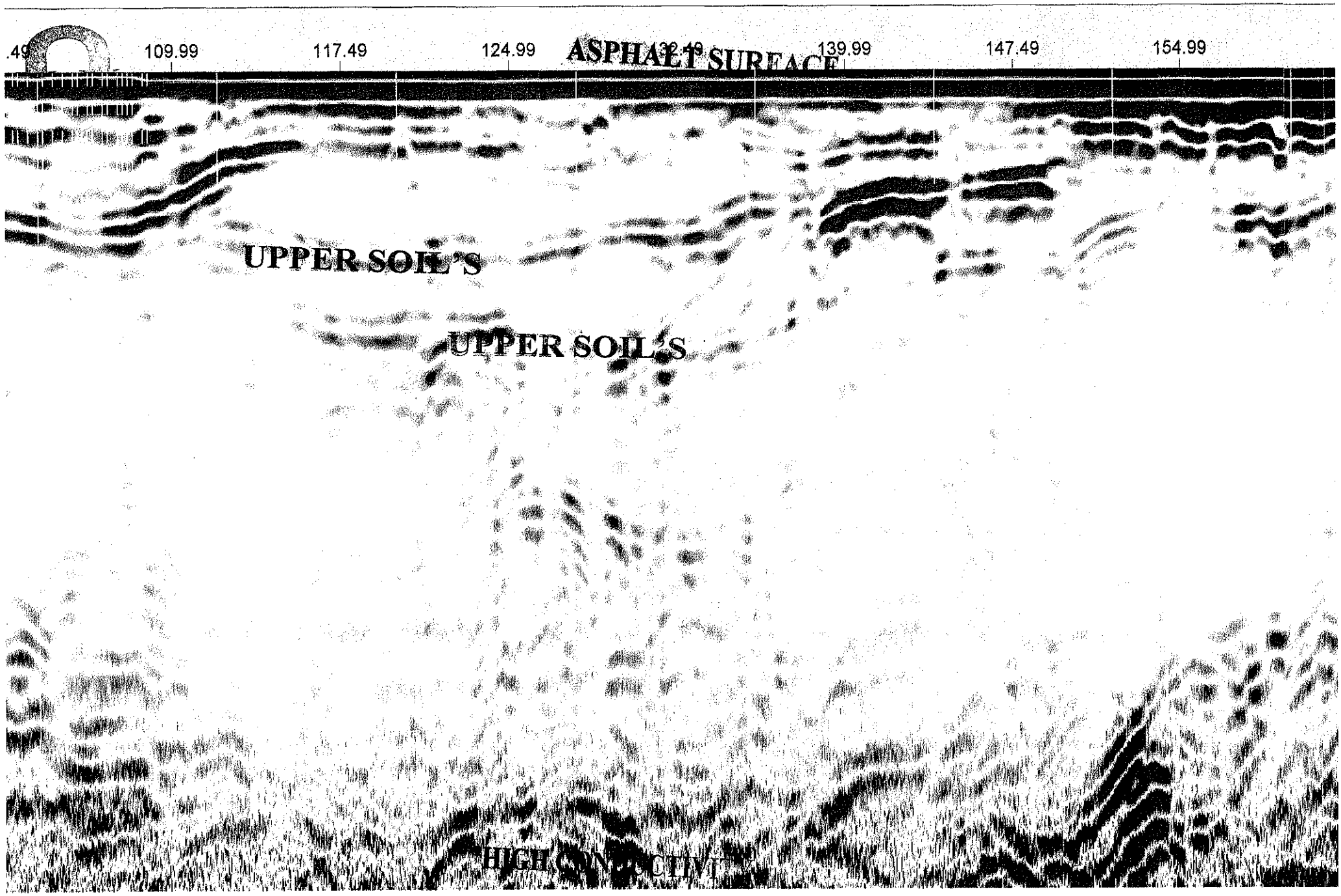
Created May, 11 2009, 09:30:08 Modified May, 11 2009, 09:33:16
Channel(s) 1 Samples/Scan 512 Bits/Sample 16
Scans/Second 100 Scans/Meter 59.0551 Meters/Mark 2.4384
Diel Constant 8

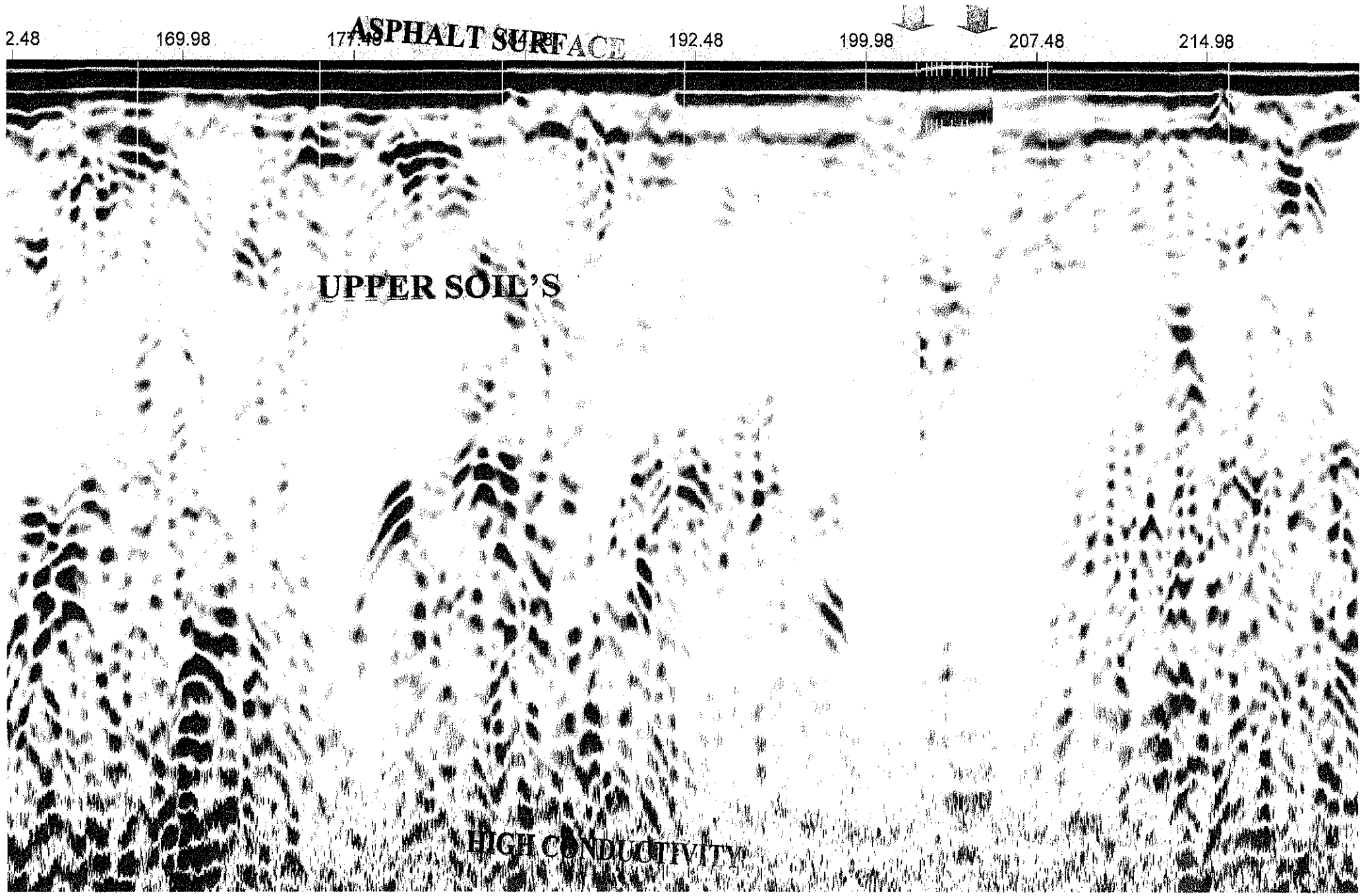
CHANNEL 1 400MHz
Position 6.46 nS Range 57 nS
Range Gain (dB) -11.0 9.0 44.0
Position Correction -0.85 nS
Vert IIR LP N =1 F =800 MHz
Vert IIR HP N =1 F =100 MHz
Position Correction 6.46 nS

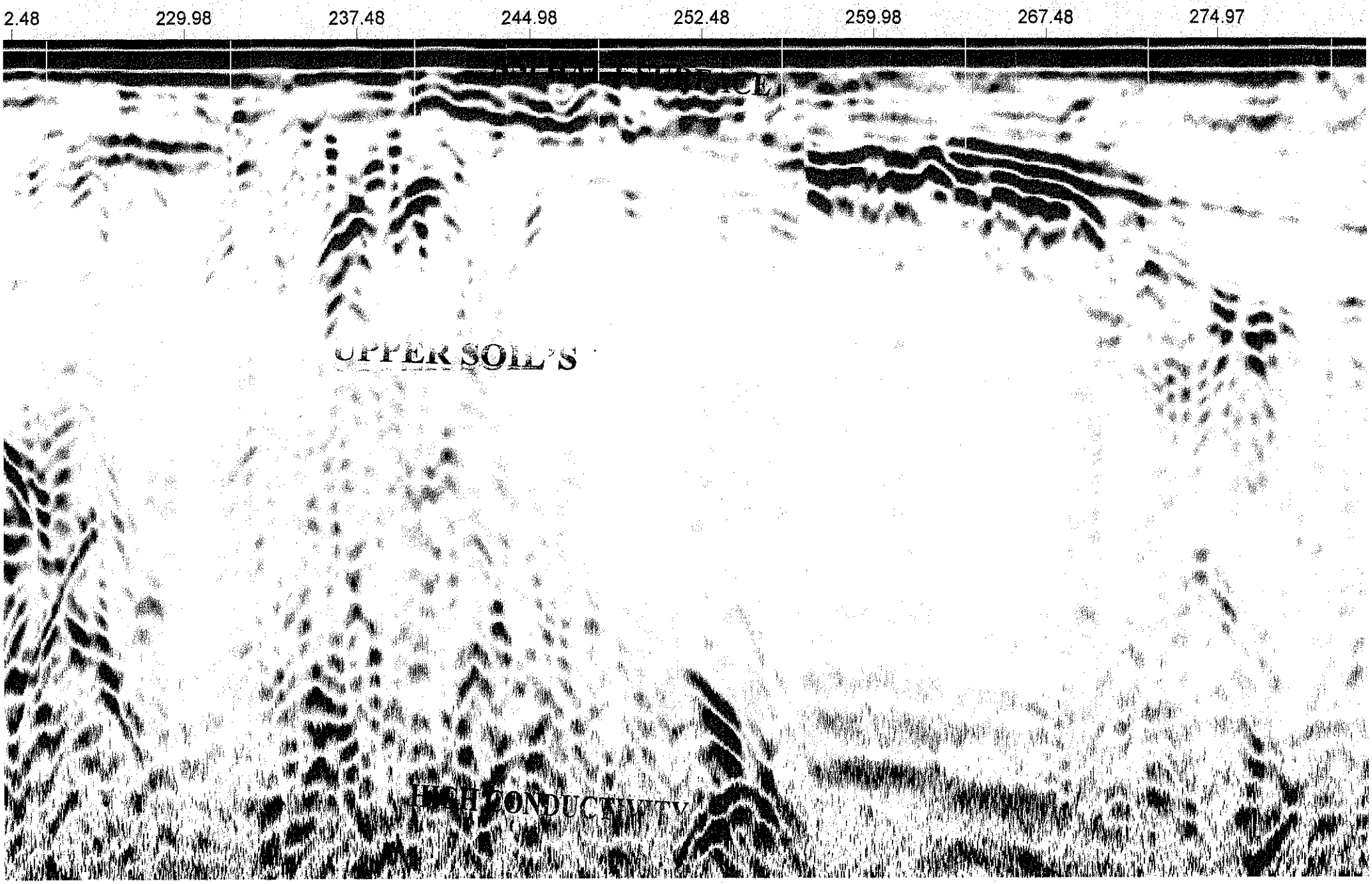
= 180°

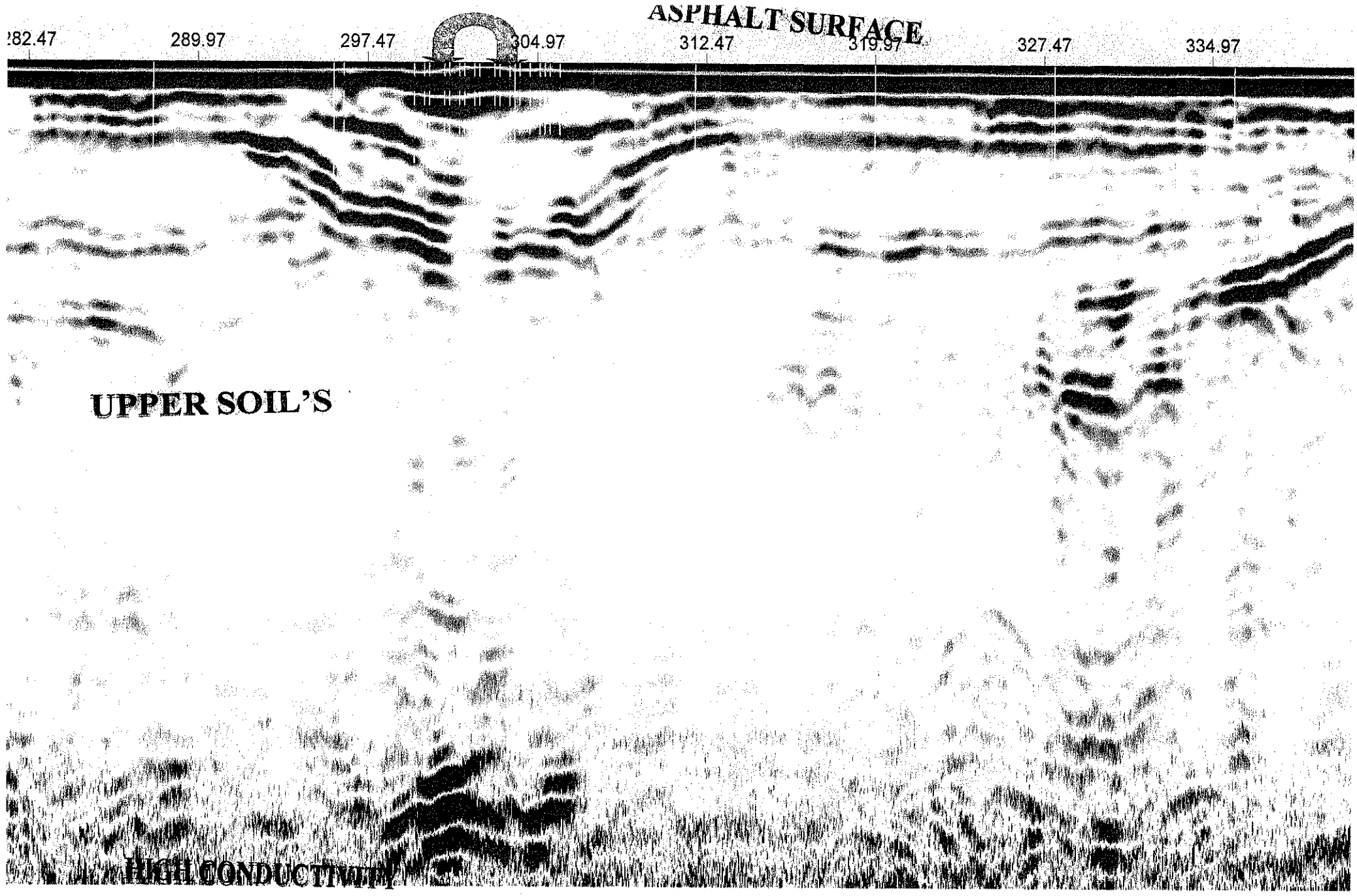

ft
ft
7.50
ASPHALT SURFACE
22.50
30.00
37.50
2.00
4.00
6.00
8.00
10.0
UPPER SOIL'S
HIGH CONDUCTIVITY

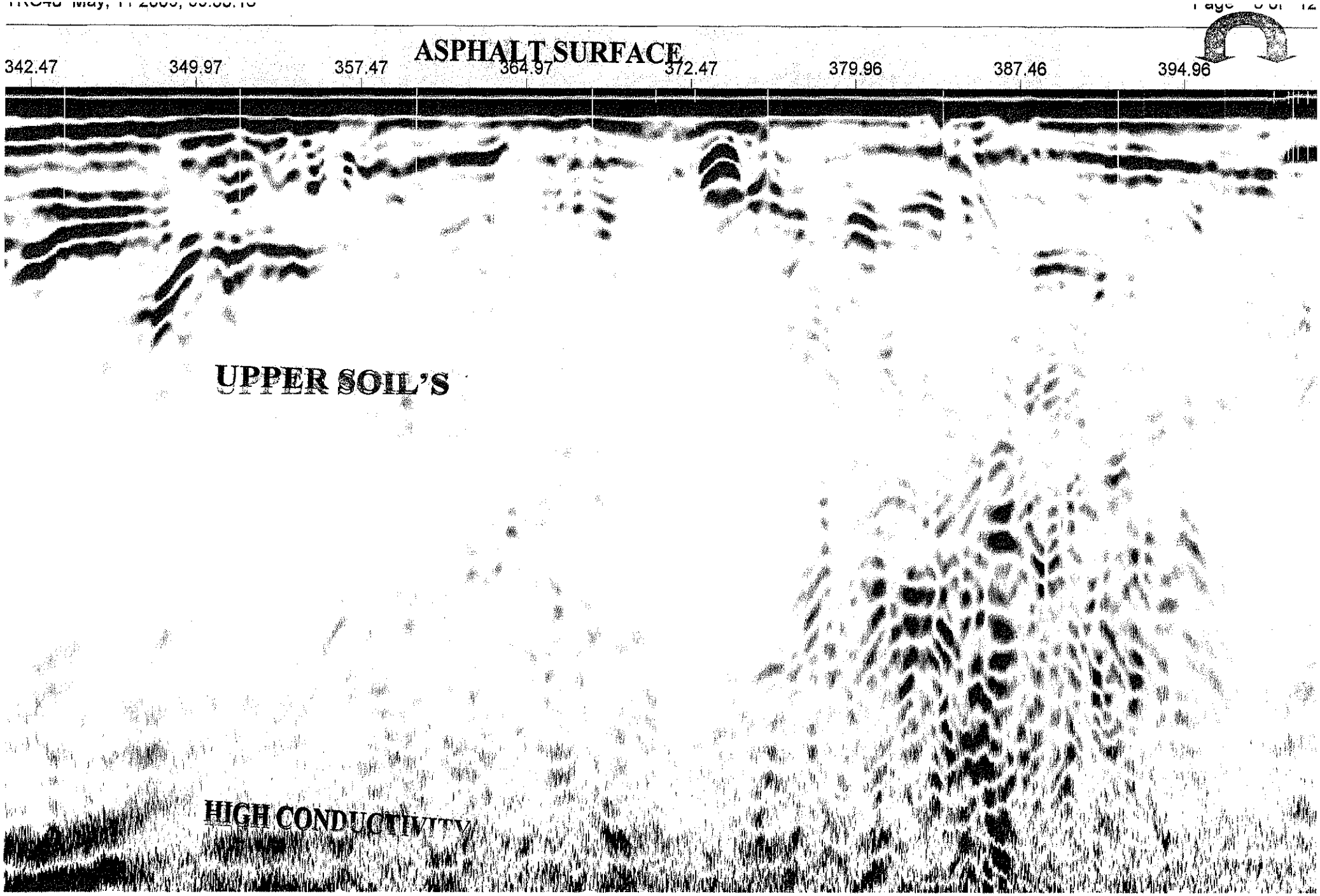

.50
50.00
57.49
64.99
72.49
79.99
87.49
94.99
ASPHALT SURFACE
UPPER SOIL'S
HIGH CONDUCTIVITY

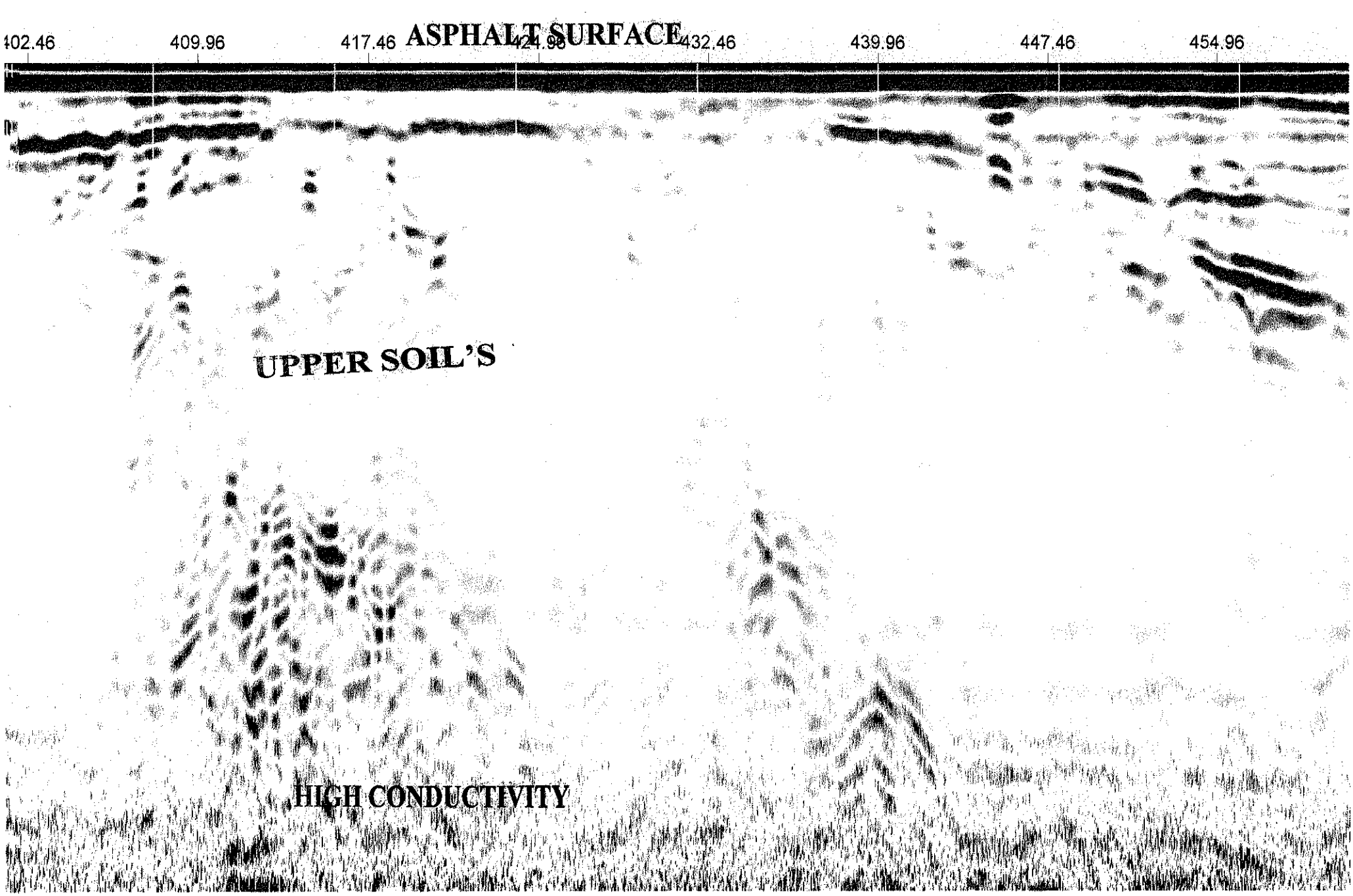

.49
109.99
117.49
124.99
132.49
139.99
147.49
154.99
ASPHALT SURFACE
UPPER SOIL'S
UPPER SOIL'S
HIGH CONDUCTIVI

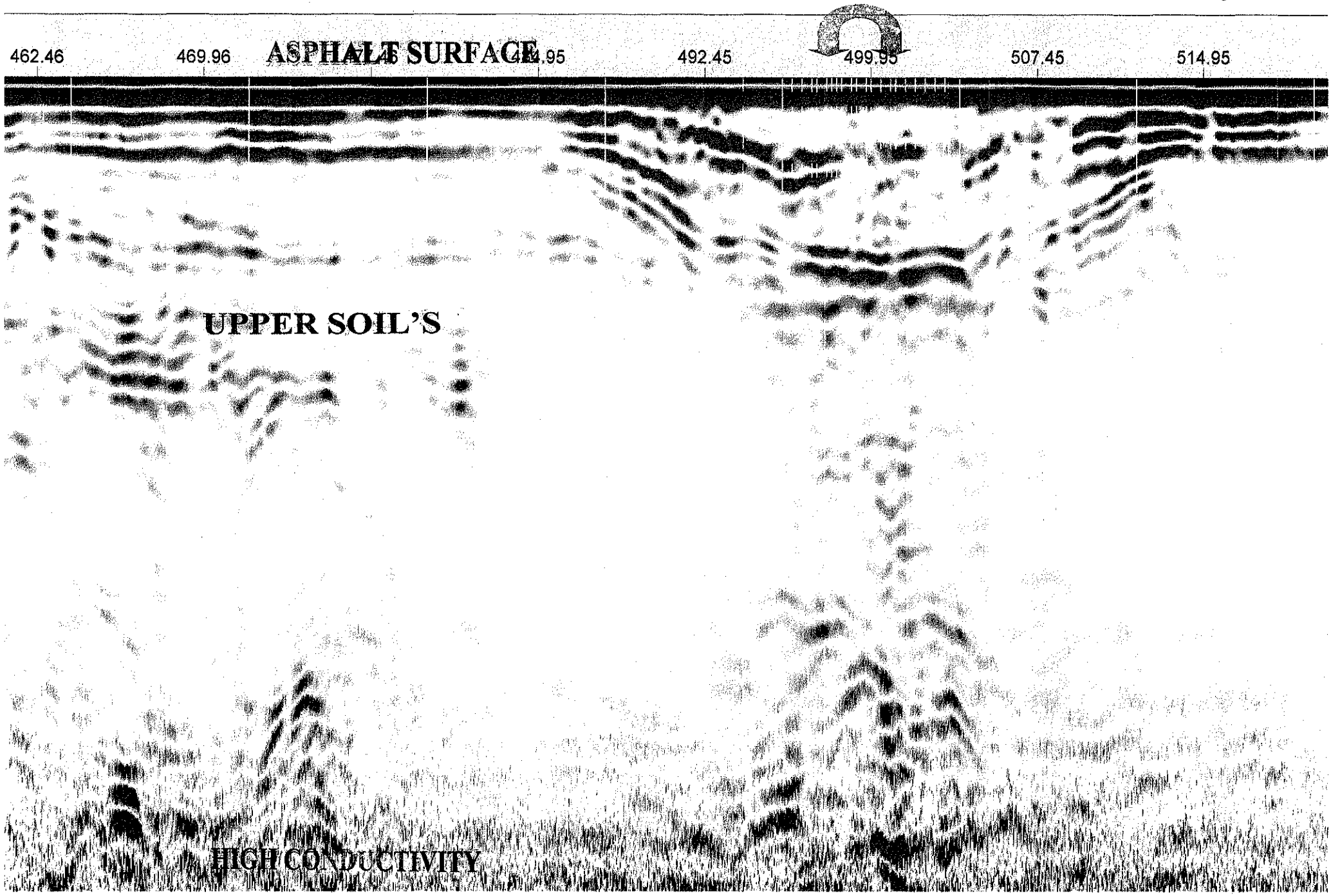

2.48
169.98
177.48
192.48
199.98
207.48
214.98
ASPHALT SURFACE
UPPER SOIL'S
HIGH CONDUCTIVITY

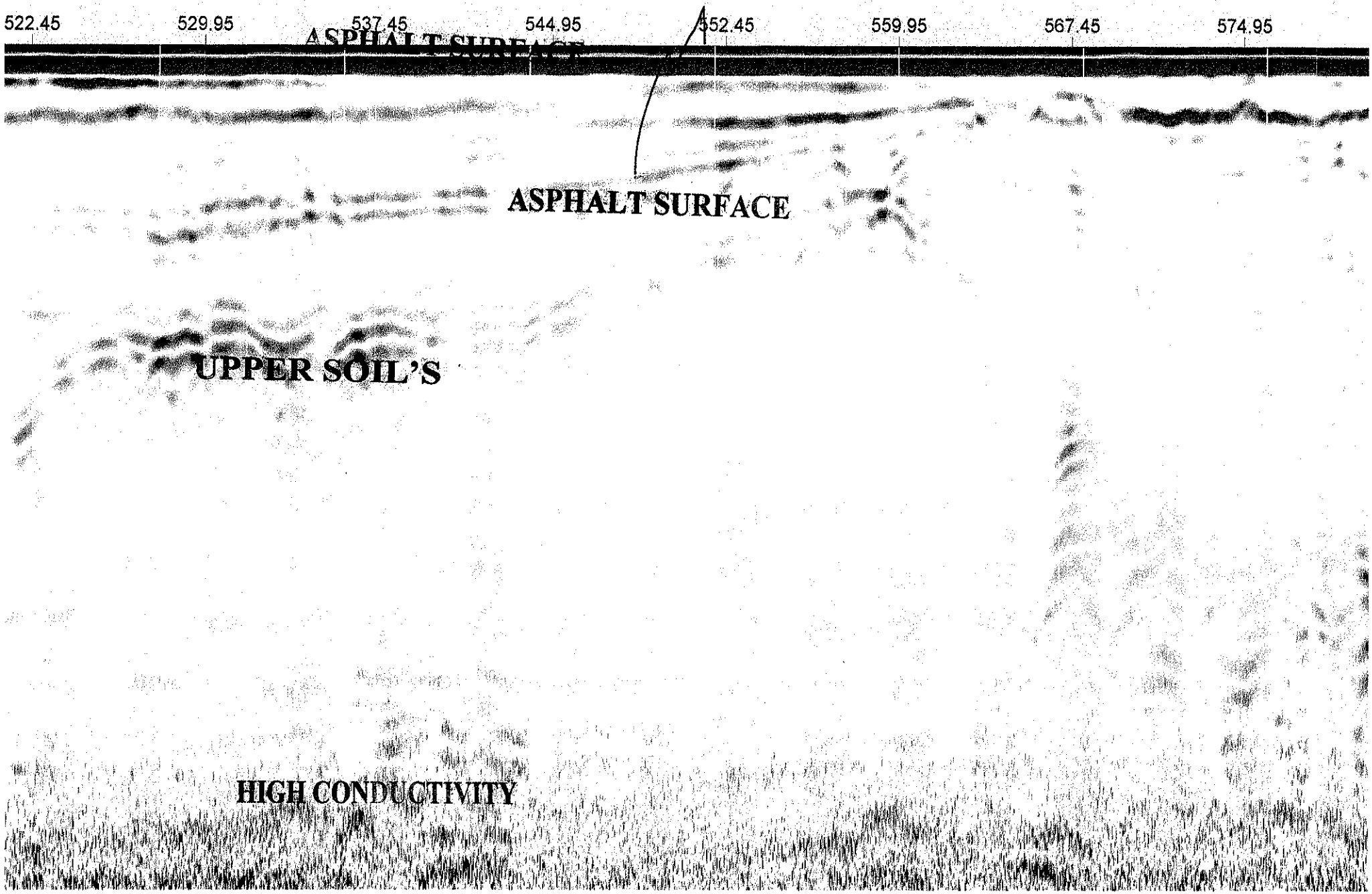

2.48
229.98
237.48
244.98
252.48
259.98
267.48
274.97
UPPER SOIL'S
HIGH CONDUCTIVITY

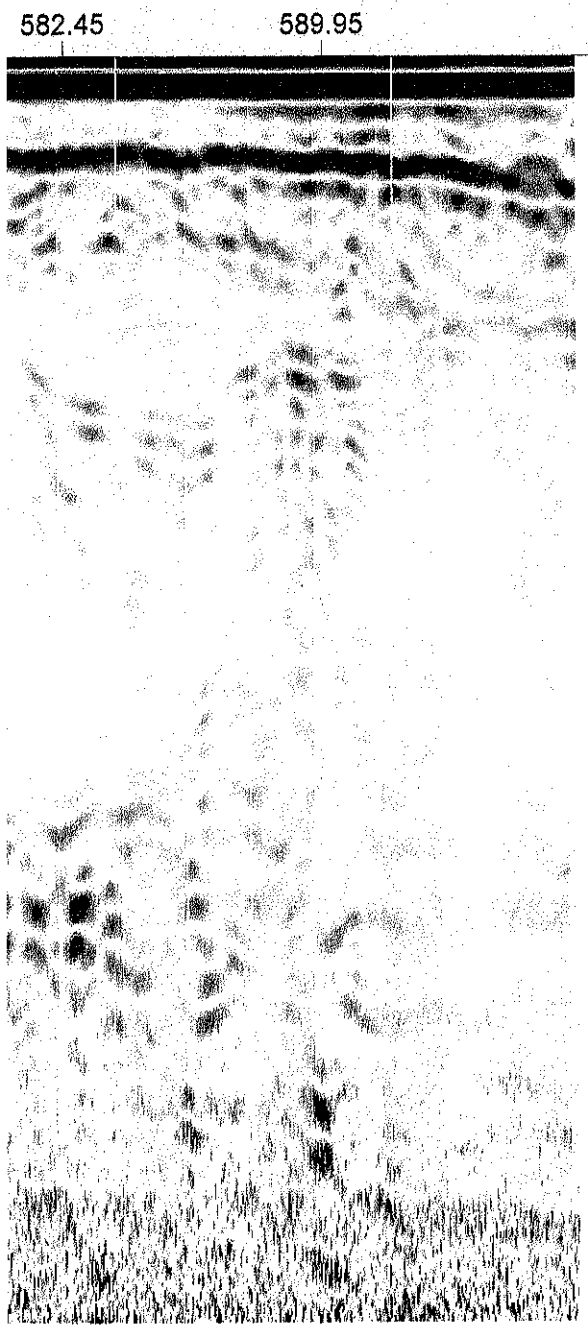

ASPHALT SURFACE
282.47
289.97
297.47
304.97
312.47
319.97
327.47
334.97
UPPER SOIL'S
HIGH CONDUCTIVITY


ASPHALT SURFACE
342.47
349.97
357.47
364.97
372.47
379.96
387.46
394.96
UPPER SOIL'S
HIGH CONDUCTIVITY


402.46
409.96
417.46
ASPHALT SURFACE
424.96
432.46
439.96
447.46
454.96
UPPER SOIL'S
HIGH CONDUCTIVITY


462.46
469.96
ASPHALT SURFACE
492.45
499.95
507.45
514.95
UPPER SOIL'S
HIGH CONDUCTIVITY


522.45
529.95
537.45
544.95
552.45
559.95
567.45
574.95
ASPHALT SURFACE
ASPHALT SURFACE
UPPER SOIL'S
HIGH CONDUCTIVITY

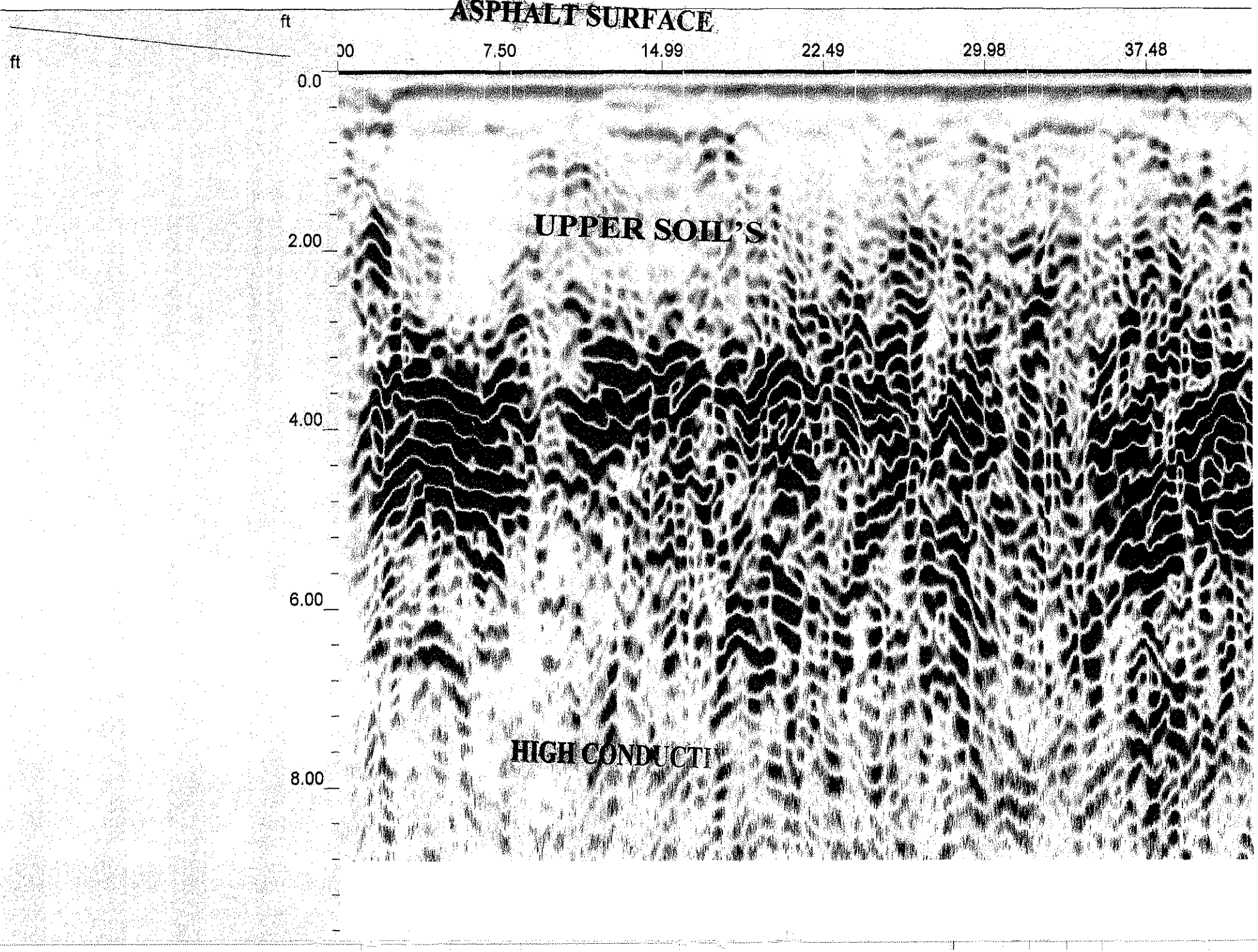

582.45
589.95

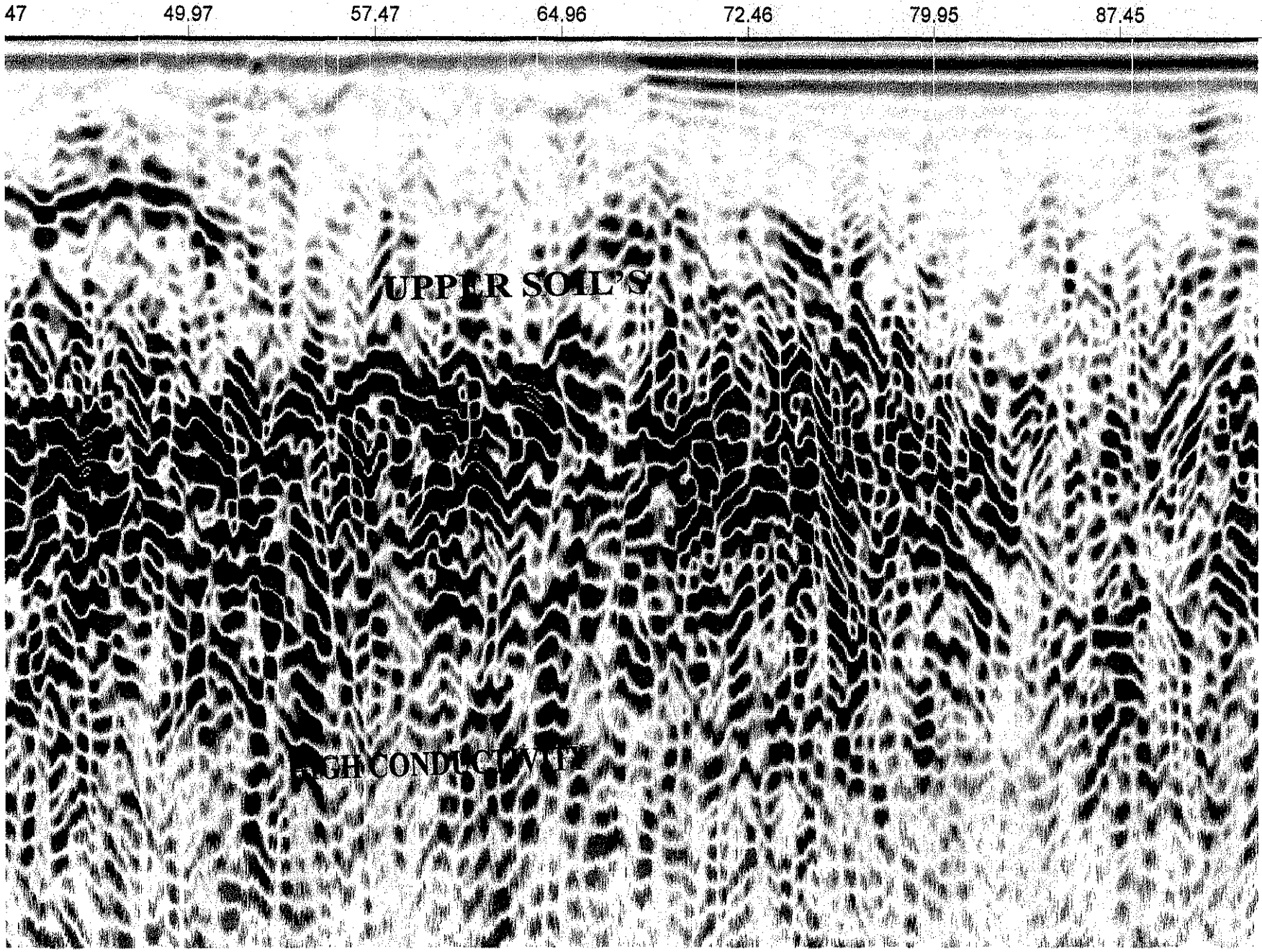
TRC1

'he data represents a northerly traverse
›n the eastern side of the building.

:reated May, 11 2009, 08:41:38 Modified May, 11 2009, 08:42:12
:hannel(s) 1 Samples/Scan 512 Bits/Sample 16
;cans/Second 100 Scans/Meter 59.0551 Meters/Mark 2.4384
)iel Constant 8

:HANNEL 1 400MHZ
'osition 0 nS Range 57 nS
Range Gain (dB) -20.0 35.0 45.0
'osition Correction -0.85 nS
/ert IIR LP N =1 F =800 MHz
/ert IIR HP N =1 F =100 MHz
'osition Correction 6.35 nS


ASPHALT SURFACE
ft
ft
00
7.50
14.99
22.49
29.98
37.48
0.0
2.00
4.00
6.00
8.00
UPPER SOIL'S
HIGH CONDUCTI

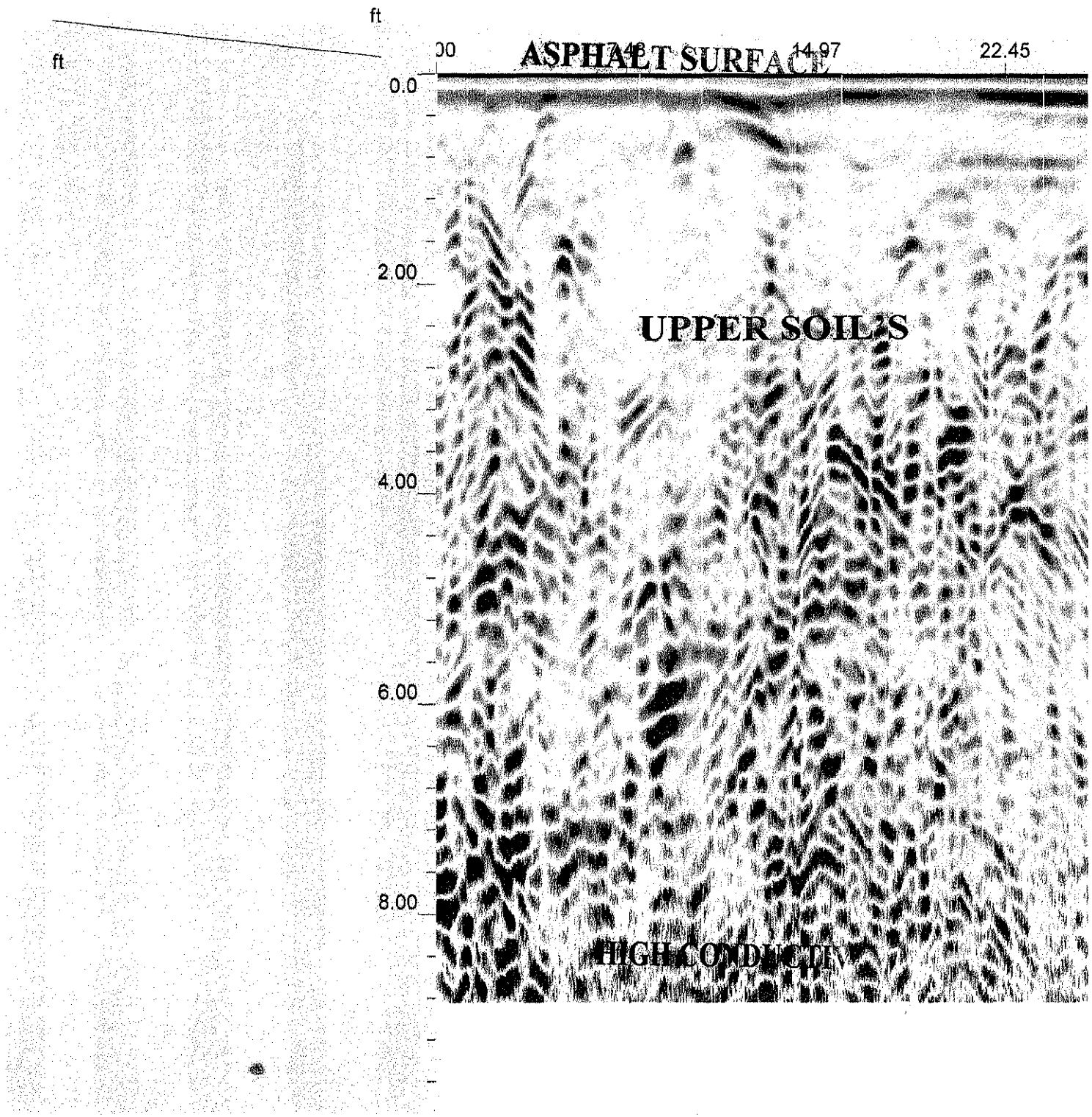

47
49.97
57.47
64.96
72.46
79.95
87.45
UPPER SOIL'S
HIGH CONDUCTIVITY

TRC5

he data represents an easterly traverse from
he northeastern corner of the building.

:reated May, 11 2009, 08:46:02 Modified May, 11 2009, 08:46:12
:hannel(s) 1 Samples/Scan 512 Bits/Sample 16
:cans/Second 100 Scans/Meter 59.0551 Meters/Mark 2.4384
)iel Constant 8

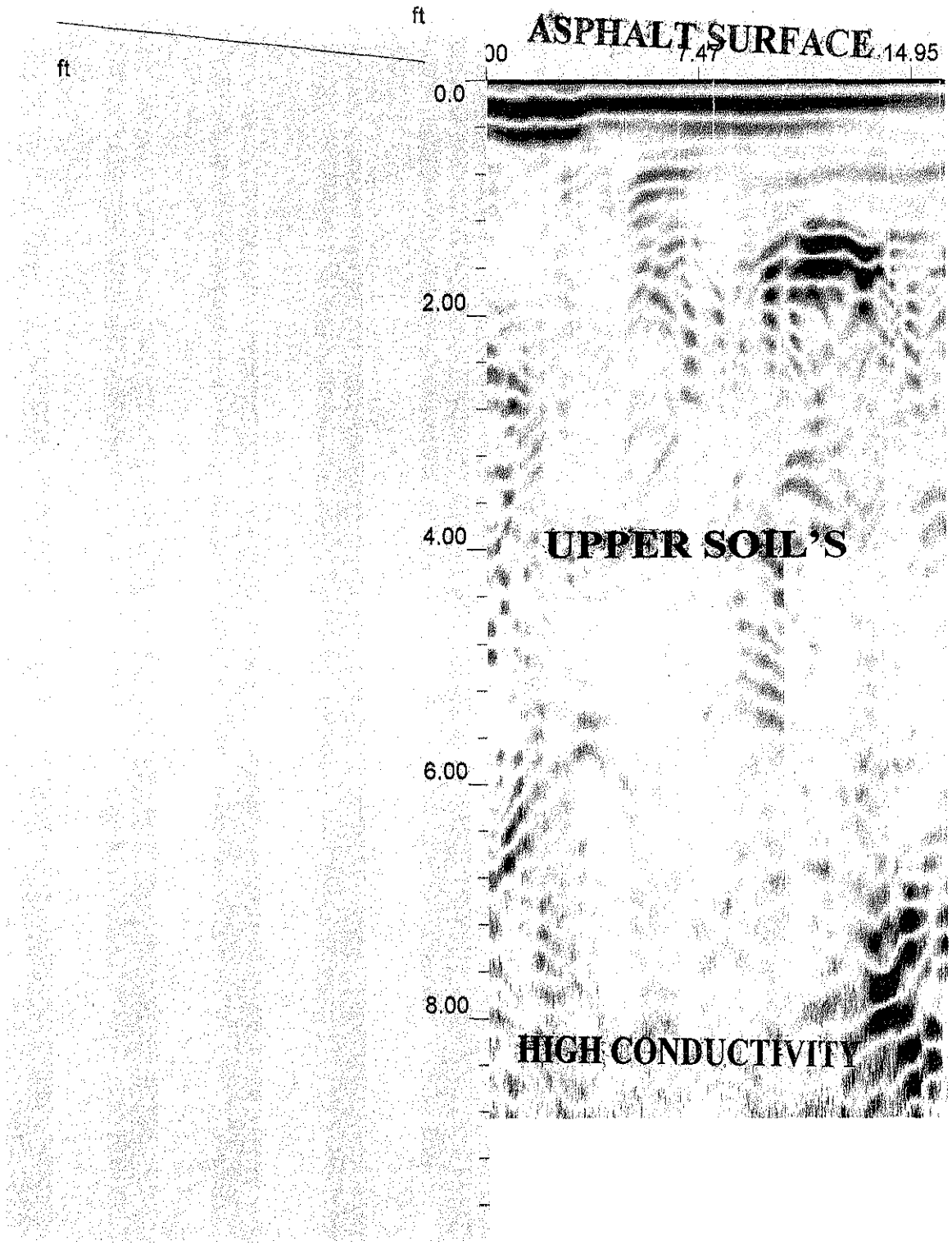
:HANNEL 1 400MHZ
'osition 0 nS Range 57 nS
:ange Gain (dB) -20.0 18.0 44.0
'osition Correction -0.725 nS
'ert IIR LP N =1 F =800 MHz
'ert IIR HP N =1 F =100 MHz
'osition Correction 6.23 nS


ft
ft
00
ASPHALT SURFACE
14.97
22.45
0.0
2.00
4.00
6.00
8.00
UPPER SOILS
HIGH CONDUCTIV

he data represents a northerly traverse showing
no parabolic features common to UST's.

:reated May, 11 2009, 09:02:00 Modified May, 11 2009, 09:02:10
:hannel(s) 1 Samples/Scan 512 Bits/Sample 16
:cans/Second 100 Scans/Meter 59.0551 Meters/Mark 2.4384
)iel Constant 8

:HANNEL 1 400MHZ
'osition 0 nS Range 57 nS
:ange Gain (dB) -20.0 20.0 40.0
'osition Correction -0.475 nS
'ert IIR LP N =1 F =800 MHz
'ert IIR HP N =1 F =100 MHz
'osition Correction 6.12 nS


ft
ft
ASPHALT SURFACE
00
7.47
14.95
0.0
2.00
4.00
UPPER SOIL'S
6.00
8.00
HIGH CONDUCTIVITY

5.0 ACQUIRING PROCEDURES

The acquiring of data from the field for the location and orientation of underground storage tanks, utilities, conduits w/in slab, rebar location, grave sites and other specific anomalies has been established by the *ground penetrating radar* for many years. Since *1988*, Sub-Surface Informational Surveys, Inc. has completed a multitude of successful investigations covering most phases of the *ground penetrating radar* profession. During an investigation, a cross-section of the project will be recorded on the hard drive of our computer. The data is then transferred, copied and duplicated to be made part of this report.

We do not necessarily record every traverse in most of our investigation since most of the information viewed on our monitor is related to the previous traverse. Traverses (I.e., profiles) are monitored on a constant basis. When a traverse is collected on the hard drive, it is also played back in the field for a second look. Where there is an *out-of-place characteristic*, it may be played back a number of times to determine its location and origin. This is recorded on the hard drive for further analyzing at our office. When specific anomalies are located, *all* are documented for reporting. Anomalies are marked in the field if requested to do so. Measurements are taken to identify the exact location such as a tank or utility.

During the start of all surveys, site characteristics and features must be documented to set the standard for that particular site such as soil conditions, conductive features, etc. While the survey is being conducted, there are periodic documentations which are used as a permanent visual comparison to confirm the standard of that site.

After the completion of our survey, it must be reasonably assured that the information is a true cross-section of the project and the information obtained is accurate according to our best professional efforts.

GPR PRINCIPLES
DIELECTRIC CONSTANTS
TWO-WAY SLOWNESS

Dielectric Constant = This parameter is the value of the dielectric constant used to convert two-way travel time to depth. The value ranges from 1 to 81 and depends upon the dielectric properties of the subsurface materials being profiled. ***WARNING***: Dielectric constants for various materials, and thus the resulting depth scales, are only approximations. Additional approximates of various materials are as follows:

MATERIAL	D/C	MATERIAL	D/C
Air	1	Wet Granite	6.5
Snow Firm	1.5	Travertine	8
Dry Loamy/Clayey Soils	2.5	West Limestone	8
Dry Clay	4	West Basalt	8.5
Ice	4	Tills	11
Coal	4.5	Volcanic Ash	13
Asphalt	5	Wet Sands	15
Dry Granite	5	Wet Sandy Soils	23.5
Frozen Sand & Gravel	5	Dry Bauxite	25
Dry Concrete	5.5	Saturated Sands	25
Dry Sand & Gravel	5.5	Wet Clay	27
Potash Ore	5.5	Peats	61.5
Dry Mineral/Sandy Soils	6	Organic Soils	64
Dry Salt	6	Sea Water	81
Frozen Soil/Permafrost	6	Water	81
Wet Sandstone	5	Syenite Porphyry	6
MATERIAL	**T/ns/meters/ft**	**MATERIAL**	**T/ns/meters/ft**
Snow	8/2.5	Water	59/18
Asphalt	14/4.5	Dry Concrete	15/4.5
Wet Concrete	23/7	Dry Sands	13/4
Wet Sands	25.5/7.5	Saturated Sands	33/10
Dry Sand & Gravel	15.5/4.5	Frozen Sand & Gravel	14.5/4.5
Dry Loamy/Clayey Soils	10.5/3	Dry Mineral/Sandy Soils	16/5
Organic Soils	52.5/16	Wet Sandy Soils	32/9.5
Frozen Soil/Permafrost	16/5	Tills	22/6.5
Peats	51.5/15.5	Wet Clay	34/10.5
Dry Clay	13/4	Dry Granite	14.5/4.5
Wet Granite	16.5/5	Wet Basalt	19/6
Volcanic Ash	23.5/7	Potash Ore	15/4.5
Dry Bauxite	33/10	Syenite Porphyry	16/5
Travertine	18.5/5.5	Coal	14/4
Dry Limestone	15.5/4.5	Wet Limestone	18.5/5.5
Wet Sandstone	16/5	Dry Salt	16/5

Compliments of
Sub-Surface Informational Surveys, Inc.
E. Longmeadow, MA 01028
413-525-4666 Fax 413-525-2887

REPORT NOTES

DATE: _____

DATE: _____

DATE: _____

DATE: _____

DATE: _____

APPENDIX B

SOIL BORING LOGS

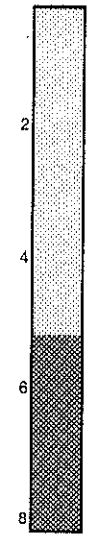
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-1
Date Started: 5/18/09
Date Completed: 5/18/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	27	0	0-2	Asphalt	
			2-27	Medium-brown F-SAND, some silt, little m-sand, trace f-gravel, damp, no odors, no stains	
4-8	24	45	0-7	Medium-brown F-M SAND, little c-sand, trace f-gravel, dry, no odors, no stains	
			7-12	Grayish-brown F-SAND, some silt, trace c-sand, black staining and gasoline odor	
			12-24	Gray F-SAND and SILT, little m-sand, damp, slight gasoline odor, no stains	
				Refusal @ 7.5 fbg on concrete Sample SB-1 (2-4) collected for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sample SB-1 (5-7) collected for VOCs, SVOCs, ETPH, PCBs, CT RSR 15 Metals, SPLP PCBs and SPLP PAHs	



Legend

Sand

Sand and Silt

SOIL BORING LOG

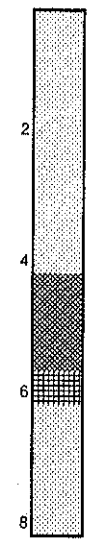
Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-2
Date Started: 5/18/09
Date Completed: 5/18/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description
0-4	24	0	0-2	Asphalt
			2-12	Medium-brown F-SAND, little m-c sand, trace f-gravel, dry, no odors, no stains
			12-16	Asphalt
			16-24	Light brown F-SAND, little silt, trace c-sand, damp, no odors, no stains
4-8	37	5.5	0-19	Grayish-brown F-SAND and SILT, trace m-sand, wet, slight gasoline odor, black staining (17"-19")
			19-24	Rock fragments
			24-37	Greenish-gray F-SAND, some silt, little c-sand, trace f-gravel, wet, slight gasoline odor, no stains
				Sample SB-2 (0-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals
				Sample SB-2 (2-4) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs, SPLP PAHs and CT RSR 15 Metals
				Temporary well point (TW-1) installed at this location and sampled for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals

Lithology



Legend

- Sand
- Rock Fragments
- Sand and Silt

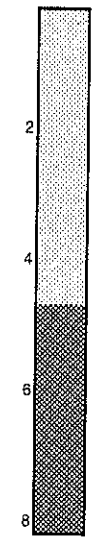
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-3
Date Started: 5/18/09
Date Completed: 5/18/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	26	0	0-5	Asphalt	
			5-13	Medium-brown F-SAND, little m-sand trace m-gravel, trace c-sand, dry, no odors, no stains	
			13-26	Medium-brown F-M SAND, little silt, trace c-sand, damp, no odors, no stains	
4-8	33	54	0-6	Grayish-brown F-SAND, some silt, trace c-sand, trace f-gravel, damp, slight gasoline odor	
			6-24	Medium-brown F-SAND and SILT, trace c-sand, saturated, black staining throughout, moderate gasoline odor	
			24-33	Gray F-SAND and SILT, little f-gravel, trace c-sand, black staining throughout, strong gasoline odor	
				Sampled SB-3 (1-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sampled SB-3 (4-5) for VOCs, SVOCs, ETPH, PCBs, SPLP PAHs, SPLP PCBs and CT RSR 15 Metals	



Legend

Sand

Sand and Silt

SOIL BORING LOG

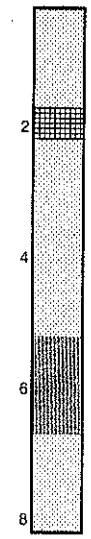
Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-4
Date Started: 5/18/09
Date Completed: 5/18/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description
0-4	24	0	0-2	Asphalt
			2-16	Medium-brown F-M SAND, little c-sand, trace f-gravel, trace silt, dry, no odors, no stains
			16-24	Rock fragments
4-8	38	0	0-4	Cave-in
			4-11	Medium-brown F-M SAND, little c-sand, trace f-gravel, damp, no odors, no stains
			11-31	Grayish-brown SILT, trace f-sand, wet, no odors, no stains
			31-38	Medium-brown F-M SAND, little c-sand, trace f-gravel, saturated, no odors, no stains
				Sample SB-4 (1-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sample SB-4 (4-5) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs, SPLP PAHs and CT RSR 15 Metals

Lithology



Legend

- Sand
- Silt
- Rock Fragments

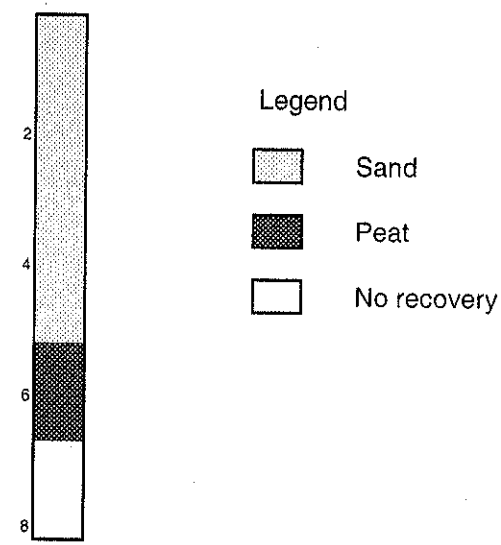
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-5
Date Started: 5/18/09
Date Completed: 5/18/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	25	0	0-2	Asphalt	
			2-25	Light-brown F-SAND, little m-sand, trace f-gravel, dry, no odors, no stains	
4-8	26	0	0-12	Light brown F-M SAND, little c-sand, trace f-gravel, trace silt, damp, no odors, no stains	
			12-26	Black PEAT, wet, strong organic odor	
				Sample SB-5 (0-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sample SB-5 (4-5) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs, SPLP PAHs and CT RSR 15 Metals	



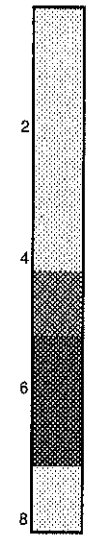
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-6
Date Started: 5/18/09
Date Completed: 5/18/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	30	0	0-2	Asphalt	
			2-30	Light-brown F-SAND, little silt, trace c-sand, damp, no odors, no stains	
4-8	35	0	0-15	Light-brown F-SAND and SILT, trace c-sand, saturated @ 6"	
			15-35	Black PEAT, wet, strong organic odor, small amount of gray f-sand in bottom	
				Sample SB-6 (0-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sample SB-2 (2-4) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs, SPLP PAHs and CT RSR 15 Metals Temporary well point (TW-2) installed at this location and sampled for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals	



Legend

- Sand
- Sand and Silt
- Peat

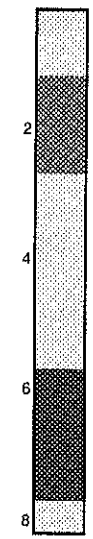
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-7
Date Started: 5/18/09
Date Completed: 5/18/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	35	0	0-4	Asphalt	
			4-16	Medium-brown F-M SAND, little c-sand, trace f-gravel, dry, no odors, no stains	
			16-30	Grayish-black SILT, some f-sand, trace f-gravel, dry, no odors, no stains	
			30-35	Grayish-black F-M SAND, little silt, trace c-sand, damp, no odors, no stains	
4-8	41	0	0-23	Dark-gray F-M SAND, little silt, trace c-sand, trace f-gravel, saturated, no odors, no stains	
			23-41	Black PEAT, organic matter, wet, organic odor, gray f-m sand at bottom	
				Sample SB-7 (0-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sample SB-7 (2-4) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals	



Legend

- Sand
- Sand and Silt
- Peat

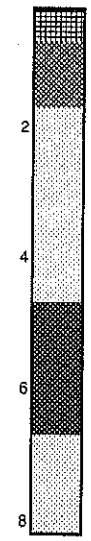
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-8
Date Started: 5/18/09
Date Completed: 5/18/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	24	0	0-6	Asphalt	
			6-18	Medium-brown/black F-SAND and SILT, trace f-gravel, trace broken glass, dry, no odors, no stains	
			18-24	Dark gray F-M SAND, little c-sand, trace f-gravel, trace organic matter, damp, no odors, no stains	
4-8	41	0	0-11	Dark gray M-C SAND, some f-sand, little silt, trace organic matter, wet, no odors, no stains	
			11-36	Black, PEAT, organic matter, wet, organic odor, no stains	
			36-41	Gray F-SAND, some silt, trace c-sand, wet, no odors, no stains	
				Sample SB-8 (0-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sample SB-8 (2-4) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals Temporary well point (TW-3) installed at this location and sampled for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals	



Legend

- Asphalt
- Sand and Silt
- Sand
- Peat

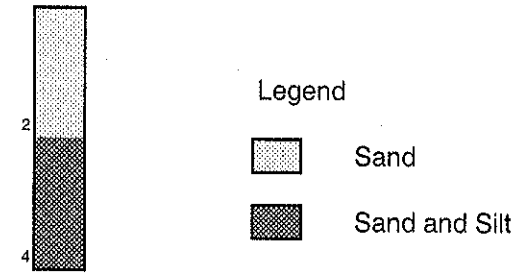
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-9
Date Started: 5/18/09
Date Completed: 5/18/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	33	0	0-6	Asphalt	
			6-22	Reddish-brown F-M SAND, little c-sand, trace f-gravel, damp, no odors, no stains	
			22-33	Grayish-brown F-SAND and SILT, trace organic debris, saturated from 30-33"	
				Sample SB-9 (0-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sample SB-8 (2-3) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals	



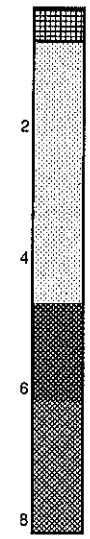
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-10
Date Started: 5/19/09
Date Completed: 5/19/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	34	0	0-6	Asphalt	
			6-15	Medium-brown F-M SAND, some c-sand, little f-gravel, trace silt, dry, no odors, no stains	
			15-34	Dark-brown/black F-M SAND, little c-sand, trace f-gravel, damp, no odors, no stains	
4-8	39	0	0-15	Black F-M SAND, little c-sand, trace silt, saturated, no odors, no stains	
			15-25	Dark-brown/black PEAT, organic matter, wet, organic odor	
			25-39	Gray F-SAND and SILT, saturated, no odors, no stains	
				Sample SB-8 (0-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sample SB-8 (2-4) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals	



Legend

- Asphalt
- Sand
- Peat
- Sand and Silt

SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-11
Date Started: 5/19/09
Date Completed: 5/19/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	34	0	0-4	Topsoil	
			4-21	Dark-brown F-M SAND, little c-sand, trace f-gravel, trace silt, damp, no odors, no stains	2
			21-27	Dark-brown F-SAND, some silt, trace f-gravel, wet, no odors, no stains	
			27-34	Dark brown F-M SAND, little c-sand, trace f-gravel, saturated, organic odor, no stains	4
				Sample SB-8 (0-2) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals	

Legend

Sand

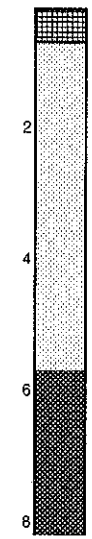
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-12
Date Started: 5/19/09
Date Completed: 5/19/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	35	0	0-7	Asphalt	
			7-20	Light brown F-M SAND, some c-sand, little f-gravel, dry, no odors, no stains	
			20-35	Dark brown F-SAND, some silt, little c-sand, trace f-gravel, damp, organic odor, no stains	
4-8	30	0	0-19	Dark brown/black F-M SAND, little silt, trace c-sand, trace f-gravel, saturated at 9", no odors, no stains	
			19-30	Dark brown/black PEAT, organic matter, wet, organic odor, no stains	
				Sample SB-12 (0-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sample SB-12 (2-4) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals	



Legend

- Asphalt
- Sand
- Peat

SOIL BORING LOG

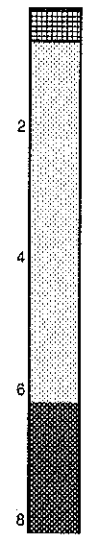
Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-13
Date Started: 5/19/09
Date Completed: 5/19/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description
0-4	36	0	0-4	Asphalt
			4-19	Dark brown F-M SAND, little c-sand, little f-gravel, trace silt, dry, no odors, no stains
			19-36	Dark brown/black F-SAND, little silt, trace organic matter, damp, no odors, no stains
4-8	20	0	0-6	Dark brown/black F-SAND, some silt, little m-sand, saturated, no odors, no stains
			6-14	Medium-brown M-SAND, some c-sand, little f-sand, saturated, no odors, no stains
			14-20	Black F-M SAND, little silt, peat and wood fragments at bottom, saturated, slight organic odor, no stains
				Sample SB-13 (0-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sample SB-13 (2-4) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals Collect SB-13A (0-2), a duplicate of SB-13 (0-2) for all but SPLP parameters

Lithology



Legend

- Asphalt
- Sand
- Peat

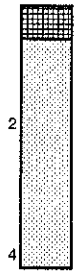
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-14
Date Started: 5/19/09
Date Completed: 5/19/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	30	0	0-6	Asphalt	
			6-17	Dark brown/black F-M SAND, little c-sand, trace f-gravel, dry, no odors, no stains	
			17-22	Medium brown F-SAND, little c-sand, trace m-gravel, damp, no odors, no stains	
			22-30	Dark brown/black F-M SAND, little c-sand, trace f-gravel, damp, no odors, no stains	
				Sample SB-14 (0-2) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs, and CT RSR 15 Metals Sample SB-14 (2-3) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals	



Legend

Asphalt

Sand

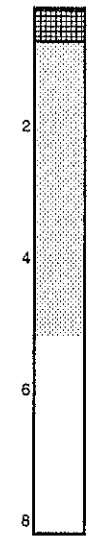
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-15
Date Started: 5/19/09
Date Completed: 5/19/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	34	0	0-6	Asphalt	
			6-12	Light brown F-M SAND, little c-sand, trace f-gravel, dry, no odors, no stains	
			12-20	Reddish-brown F-M SAND, little f-gravel, trace c-sand, dry, no odors, no stains	
			20-34	Dark brown/black F-SAND, some silt, little c-sand, trace f-gravel, damp, no odors, no stains	
4-8	12	0	0-12	Black M-C SAND, some f-gravel, saturated no odors, no stains	
				Sample SB-15 (0-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sample SB-15 (2-3) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals Temporary well point (TW-4) installed at this location and sampled for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals	



Legend

- Asphalt
- Sand
- No recovery

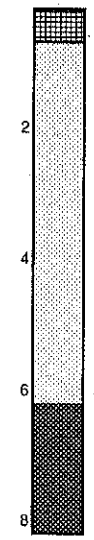
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-16
Date Started: 5/19/09
Date Completed: 5/19/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	38	0	0-6	Asphalt	
			6-16	Medium brown F-M SAND, trace c-sand, trace f-gravel, dry, no odors, no stains	
			16-38	Black F-M SAND, little f-gravel, trace c-sand, damp, no odors, no stains	
4-8	48	0	0-24	Black M-C SAND, some f-sand, trace f-gravel, saturated, organic odor, no stains	
			24-48	Dark brown/black PEAT, organic matter, wet, organic odor, no stains	
				Sample SB-16 (0-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sample SB-16 (2-3) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals	



Legend

- Asphalt
- Sand
- Peat

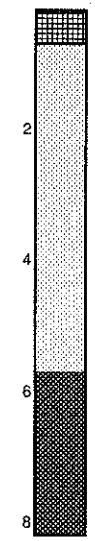
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-17
Date Started: 5/19/09
Date Completed: 5/19/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	31	0	0-3	Asphalt	
			3-13	Medium brown F-M SAND, trace c-sand, dry, no odors, no stains	
			13-31	Dark brown F-M SAND, little silt, trace c-sand, trace f-gravel, damp, no odors no stains	
4-8	18	0	0-18	Dark brown F-M SAND, little silt, trace c-sand, trace f-gravel, peat at bottom, saturated, no odors, no stains	
				Sample SB-17 (0-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sample SB-17 (2-3) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals Collect SB-17A (0-2), a duplicate of SB-17 (0-2) for all but the SPLP parameters	



Legend

- Asphalt
- Sand
- Peat

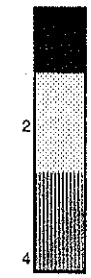
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 7 Hartford Road

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

Boring: SB-18
Date Started: 5/20/09
Date Completed: 5/20/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	42	0	0-14	Topsoil	
			14-34	Medium brown F-SAND, some silt, damp, no odors, no stains	
			34-42	Medium brown SILT, trace f-sand, wet at 36", no odors, no stains	
				Sample SB-18 (0-2) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals Temporary well point (TW-7) installed at this location and sampled for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals	



Legend

- Topsoil
- Sand
- Silt

SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 7 Hartford Road

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

Boring: SB-19
Date Started: 5/20/09
Date Completed: 5/20/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	36	0	0-2	Topsoil	
			2-21	Medium brown SILT, trace f-sand, trace f-gravel, organic matter (roots), damp, no odors, no stains	
			21-32	Medium brown F-M SAND, little silt, trace c-sand, wet, no odors, no stains	
			32-36	Black PEAT, organic matter, wet, organic odor, no stains	
				Sample SB-19 (0-2) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals Temporary well point (TW-6) installed at this location and sampled for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals	

Legend

Silt

Sand

Peat

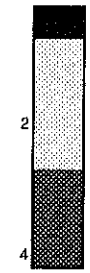
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 7 Hartford Road

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

Boring: SB-20
Date Started: 5/20/09
Date Completed: 5/20/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	32	0	0-6	Topsoil	
			6-32	Grayish-brown F-M SAND, little silt, trace c-sand, trace f-gravel, wet, peat at bottom, no odors, no stains	
				Sample SB-20 (0-2) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals	



Legend

- Topsoil
- Sand
- Peat

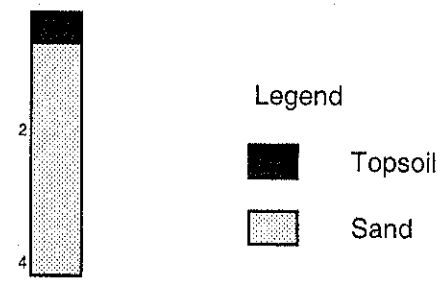
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 7 Hartford Road

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

Boring: SB-21
Date Started: 5/19/09
Date Completed: 5/19/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	28	0	0-6	Topsoil	
			6-28	Light brown F-SAND, some silt, trace m-c sand, saturated, no odors, no stains	
				Sample SB-21 (0-2) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals Temporary well point (TW-5) installed at this location and sampled for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals	



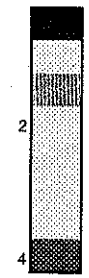
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 7 Hartford Road

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

Boring: SB-22
Date Started: 5/19/09
Date Completed: 5/19/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	33	0	0-6	Topsoil	
			6-10	Light brown F-M SAND, some f-gravel, little c-sand, trace silt, damp, no odors no stains	
			10-18	Dark brown SILT, trace c-sand, damp, no odors, no stains	
			18-29	Medium brown F-M SAND, little c-sand, trace f-gravel, saturated, no odors, no stains	
			29-33	Dark brown/black PEAT, organic matter, wet, organic odor, no stains	
				Sample SB-22 (0-2) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals	



Legend

- Topsoil
- Sand
- Silt
- Peat

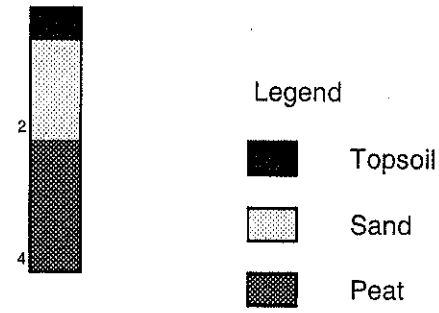
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 7 Hartford Road

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

Boring: SB-23
Date Started: 5/20/09
Date Completed: 5/20/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	25	0	0-2	Topsoil	
			2-17	Dark brown F-SAND, some silt, little c-sand, trace f-gravel, damp, no odors, no stains	
			17-25	Medium brown F-M SAND, little silt, trace c-sand, trace f-gravel, wet at bottom, peat at bottom	
				Sample SB-23 (0-2) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals	



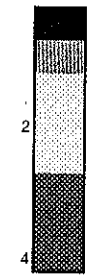
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 7 Hartford Road

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

Boring: SB-24
Date Started: 5/20/09
Date Completed: 5/20/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	35	0	0-6	Topsoil	
			6-12	Dark brown SILT, trace f-gravel, trace brick fragments, damp, no odors, no stains	
			12-19	Reddish-brown F-M SAND, trace c-sand, trace f-gravel, wet, no odors, no stains	
			19-28	Grayish-brown F-SAND and SILT, trace m-c sand, saturated, no odors, no stains	
			28-35	Dark brown/black PEAT, organic matter, wet, organic odor, no stains	
				Sample SB-24 (0-2) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals	



Legend

- Topsoil
- Silt
- Sand
- Peat

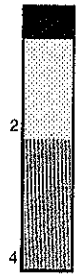
SOIL BORING LOG

Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-25
Date Started: 5/20/09
Date Completed: 5/20/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description	Lithology
0-4	26	0	0-6	Topsoil	
			6-21	Medium brown F-SAND, little silt, trace f-gravel, damp, no odors, no stains	
			21-26	Dark brown SILT, little f-sand, trace f-gravel, saturated, no odors, no stains	
				Sample SB-25 (0-2) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals	



Legend

- Topsoil
- Sand
- Silt

SOIL BORING LOG

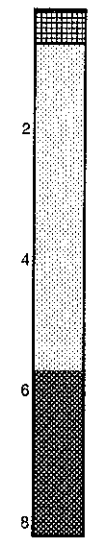
Project Name: 3 & 7 Hartford Road
Project Number: 107307-003815-000210
Project Location: Salem, CT
Boring Location: 3 Hartford Road

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

Boring: SB-26
Date Started: 5/19/09
Date Completed: 5/19/09

Depth (feet)	Recovery (inches)	PID (ppm)	(inches)	Soil Description
0-4	31	0	0-6	Asphalt
			6-21	Dark brown F-M SAND, little f-gravel, trace c-sand, dry, no odors, no stains
			21-31	Medium brown F-M SAND, little c-sand, trace f-gravel, damp, no odors, no stains
4-8	18	0	0-5	Medium brown F-M SAND, little c-sand, trace f-gravel, wet, no odors, no stains
			5-18	Medium brown M-C SAND, some f-sand, little f-gravel, peat at bottom, saturated, no odors, no stains
				Sample SB-26 (0-2) for VOCs, SVOCs, ETPH, PCBs and CT RSR 15 Metals Sample SB-26 (2-3) for VOCs, SVOCs, ETPH, PCBs, SPLP PCBs and CT RSR 15 Metals

Lithology



Legend

- Asphalt
- Sand
- Peat

APPENDIX C

LABORATORY ANALYTICAL REPORTS

PHOENIX
Environmental Laboratories, Inc.

Monday, June 15, 2009

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

Client ID: SALEM
Sample ID#s: AR67819 - AR67822, AR67824 - AR67825, AR67827

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

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

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

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

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

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
TX Lab Registration #T104704451-09TX
VT Lab Registration #VT11301

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 15, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/20/09	8:30
Location Code:	TRC	Received by:	LDF	05/20/09	12:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAR67818
Phoenix I.D.: AR67819

Laboratory Data

Client ID: SALEM SB-24 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	05/26/09		LK	SW6010
Arsenic	1.2	0.8	mg/Kg	05/26/09		LK	SW6010
Barium	37.2	0.38	mg/Kg	05/26/09		LK	SW6010
Beryllium	< 0.30	0.30	mg/Kg	05/26/09		LK	SW6010
Cadmium	< 0.38	0.38	mg/Kg	05/26/09		LK	SW6010
Chromium	9.59	0.38	mg/Kg	05/26/09		LK	SW6010
Copper	13.5	0.38	mg/kg	05/26/09		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	05/21/09		TH	SW-7471
Nickel	7.97	0.38	mg/Kg	05/26/09		LK	SW6010
Lead	1.73	0.38	mg/Kg	05/26/09		LK	SW6010
Antimony	< 3.8	3.8	mg/Kg	05/26/09		LK	SW6010
Selenium	< 1.9	1.9	mg/Kg	05/26/09		LK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	0.005	0.004	mg/L	06/11/09		LK	E1312/SW6010
SPLP Barium	0.098	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/11/09		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	0.026	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/11/09		LK	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Vanadium	0.012	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	0.060	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.4	3.4	mg/Kg	05/26/09		LK	SW6010
Vanadium	14.0	0.38	mg/Kg	05/26/09		LK	SW6010
Zinc	21.6	0.38	mg/Kg	05/26/09		EK	SW6010

Client ID: SALEM SB-24 (0-2)

Phoenix I.D.: AR67819

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	80		%	05/20/09		S-JL	E160.3
Soil Extraction for PCB	Completed			05/20/09		BB/D	SW3545
Soil Extraction for SVOA	Completed			05/20/09		QS/D	SW3545
Extraction of CT ETPH	Completed			05/20/09		QS/D	3545
Mercury Digestion	Completed			05/21/09		E	SW7471
SPLP PCB Extraction	Completed			05/22/09		D/D/K	SW3510/3520
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
SPLP Extraction for Organics	Completed			05/20/09		E	EPA1312
Total Metals Digest	Completed			05/20/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/20/09		TRC	SW5035
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1221	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1232	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1242	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1248	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1254	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1260	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1262	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1268	ND	1.0	ug/L	05/26/09		KCA	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	60		%	05/26/09		KCA	SW8082
%TCMX (Surrogate Rec)	79		%	05/26/09		KCA	SW8082
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,1,1-Trichloroethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,1,2-Trichloroethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloroethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloroethene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloropropene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,2,3-Trichloropropane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichlorobenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichloroethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichloropropane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,3-Dichlorobenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,3-Dichloropropane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
1,4-Dichlorobenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
2,2-Dichloropropane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
2-Chlorotoluene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
2-Hexanone	ND	30	ug/Kg	05/22/09		R/J	SW8260
2-Isopropyltoluene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
4-Chlorotoluene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260

Client ID: SALEM SB-24 (0-2)

Phoenix I.D.: AR67819

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	30	ug/Kg	05/22/09		R/J	SW8260
Acetone	ND	120	ug/Kg	05/22/09		R/J	SW8260
Acrylonitrile	ND	12	ug/Kg	05/22/09		R/J	SW8260
Benzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Bromobenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Bromochloromethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Bromodichloromethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Bromoform	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Bromomethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Carbon Disulfide	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Carbon tetrachloride	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Chlorobenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Chloroethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Chloroform	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Chloromethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Dibromochloromethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Dibromoethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Dibromomethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Dichlorodifluoromethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Ethylbenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Hexachlorobutadiene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Isopropylbenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
m&p-Xylene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Methyl Ethyl Ketone	ND	36	ug/Kg	05/22/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	05/22/09		R/J	SW8260
Methylene chloride	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Naphthalene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
n-Butylbenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
n-Propylbenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
o-Xylene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
p-Isopropyltoluene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
sec-Butylbenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Styrene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
tert-Butylbenzene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Tetrachloroethene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	05/22/09		R/J	SW8260
Toluene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Total Xylenes	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	05/22/09		R/J	SW8260
Trichloroethene	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Trichlorofluoromethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Trichlorotrifluoroethane	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
Vinyl chloride	ND	6.1	ug/Kg	05/22/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	05/22/09		R/J	SW8260
% Bromofluorobenzene	84		%	05/22/09		R/J	SW8260
% Dibromofluoromethane	102		%	05/22/09		R/J	SW8260
% Toluene-d8	94		%	05/22/09		R/J	SW8260

Client ID: SALEM SB-24 (0-2)

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Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	420	ug/Kg	05/22/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	420	ug/Kg	05/22/09		HM	SW 8270
1,2-Dichlorobenzene	ND	420	ug/Kg	05/22/09		HM	SW 8270
1,3-Dichlorobenzene	ND	420	ug/Kg	05/22/09		HM	SW 8270
1,4-Dichlorobenzene	ND	420	ug/Kg	05/22/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	420	ug/Kg	05/22/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	420	ug/Kg	05/22/09		HM	SW 8270
2,4-Dichlorophenol	ND	420	ug/Kg	05/22/09		HM	SW 8270
2,4-Dimethylphenol	ND	420	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrophenol	ND	670	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrotoluene	ND	420	ug/Kg	05/22/09		HM	SW 8270
2,6-Dinitrotoluene	ND	420	ug/Kg	05/22/09		HM	SW 8270
2-Chloronaphthalene	ND	420	ug/Kg	05/22/09		HM	SW 8270
2-Chlorophenol	ND	420	ug/Kg	05/22/09		HM	SW 8270
2-Methylnaphthalene	ND	420	ug/Kg	05/22/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	420	ug/Kg	05/22/09		HM	SW 8270
2-Nitroaniline	ND	670	ug/Kg	05/22/09		HM	SW 8270
2-Nitrophenol	ND	420	ug/Kg	05/22/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	420	ug/Kg	05/22/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	500	ug/Kg	05/22/09		HM	SW 8270
3-Nitroaniline	ND	670	ug/Kg	05/22/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	05/22/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	420	ug/Kg	05/22/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	500	ug/Kg	05/22/09		HM	SW 8270
4-Chloroaniline	ND	500	ug/Kg	05/22/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	420	ug/Kg	05/22/09		HM	SW 8270
4-Nitroaniline	ND	670	ug/Kg	05/22/09		HM	SW 8270
4-Nitrophenol	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Acenaphthene	ND	420	ug/Kg	05/22/09		HM	SW 8270
Acenaphthylene	ND	420	ug/Kg	05/22/09		HM	SW 8270
Acetophenone	ND	420	ug/Kg	05/22/09		HM	SW 8270
Aniline	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Anthracene	ND	420	ug/Kg	05/22/09		HM	SW 8270
Azobenzene	ND	420	ug/Kg	05/22/09		HM	SW 8270
Benz(a)anthracene	520	420	ug/Kg	05/22/09		HM	SW 8270
Benzidine	ND	420	ug/Kg	05/22/09		HM	SW 8270
Benzo(a)pyrene	530	420	ug/Kg	05/22/09		HM	SW 8270
Benzo(b)fluoranthene	690	420	ug/Kg	05/22/09		HM	SW 8270
Benzo(ghi)perylene	ND	420	ug/Kg	05/22/09		HM	SW 8270
Benzo(k)fluoranthene	ND	420	ug/Kg	05/22/09		HM	SW 8270
Benzoic acid	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Benzyl butyl phthalate	ND	420	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	420	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	420	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	420	ug/Kg	05/22/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	420	ug/Kg	05/22/09		HM	SW 8270
Carbazole	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Chrysene	630	420	ug/Kg	05/22/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	420	ug/Kg	05/22/09		HM	SW 8270
Dibenzofuran	ND	420	ug/Kg	05/22/09		HM	SW 8270

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Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	420	ug/Kg	05/22/09		HM	SW 8270
Dimethylphthalate	ND	420	ug/Kg	05/22/09		HM	SW 8270
Di-n-butylphthalate	ND	420	ug/Kg	05/22/09		HM	SW 8270
Di-n-octylphthalate	ND	420	ug/Kg	05/22/09		HM	SW 8270
Fluoranthene	1100	420	ug/Kg	05/22/09		HM	SW 8270
Fluorene	ND	420	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobenzene	ND	420	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobutadiene	ND	420	ug/Kg	05/22/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	420	ug/Kg	05/22/09		HM	SW 8270
Hexachloroethane	ND	420	ug/Kg	05/22/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	420	ug/Kg	05/22/09		HM	SW 8270
Isophorone	ND	420	ug/Kg	05/22/09		HM	SW 8270
Naphthalene	ND	420	ug/Kg	05/22/09		HM	SW 8270
Nitrobenzene	ND	420	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodimethylamine	ND	420	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	420	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	420	ug/Kg	05/22/09		HM	SW 8270
Pentachloronitrobenzene	ND	420	ug/Kg	05/22/09		HM	SW 8270
Pentachlorophenol	ND	420	ug/Kg	05/22/09		HM	SW 8270
Phenanthrene	720	420	ug/Kg	05/22/09		HM	SW 8270
Phenol	ND	420	ug/Kg	05/22/09		HM	SW 8270
Pyrene	1100	420	ug/Kg	05/22/09		HM	SW 8270
Pyridine	ND	420	ug/Kg	05/22/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	123		%	05/22/09		HM	SW 8270
% 2-Fluorobiphenyl	69		%	05/22/09		HM	SW 8270
% 2-Fluorophenol	79		%	05/22/09		HM	SW 8270
% Nitrobenzene-d5	83		%	05/22/09		HM	SW 8270
% Phenol-d5	81		%	05/22/09		HM	SW 8270
% Terphenyl-d14	82		%	05/22/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	05/21/09		JRB	M8100CT
Identification	ND		mg/Kg	05/21/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	82		%	05/21/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1221	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1232	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1242	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1248	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1254	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1260	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1262	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1268	ND	410	ug/Kg	05/21/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	86		%	05/21/09		KCA	SW 8082
% TCMX	97		%	05/21/09		KCA	SW 8082

Client ID: SALEM SB-24 (0-2)

Phoenix I.D.: AR67819

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
June 15, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 15, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/20/09	8:50
Location Code:	TRC	Received by:	LDF	05/20/09	12:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAR67818
Phoenix I.D.: AR67820

Laboratory Data

Client ID: SALEM SB-23 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	05/26/09		LK	SW6010
Arsenic	1.4	0.8	mg/Kg	05/26/09		LK	SW6010
Barium	73.8	0.38	mg/Kg	05/26/09		LK	SW6010
Beryllium	< 0.30	0.30	mg/Kg	05/26/09		LK	SW6010
Cadmium	0.60	0.38	mg/Kg	05/26/09		LK	SW6010
Chromium	10.2	0.38	mg/Kg	05/26/09		LK	SW6010
Copper	14.5	0.38	mg/kg	05/26/09		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	05/21/09		TH	SW-7471
Nickel	6.05	0.38	mg/Kg	05/26/09		LK	SW6010
Lead	78.9	0.38	mg/Kg	05/26/09		LK	SW6010
Antimony	< 3.8	3.8	mg/Kg	05/26/09		LK	SW6010
Selenium	< 1.9	1.9	mg/Kg	05/26/09		LK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	0.005	0.004	mg/L	06/11/09		EK	E1312/SW6010
SPLP Barium	0.048	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/11/09		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	0.021	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/11/09		LK	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	0.026	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.4	3.4	mg/Kg	05/26/09		LK	SW6010
Vanadium	14.5	0.38	mg/Kg	05/26/09		LK	SW6010
Zinc	130	0.38	mg/Kg	05/26/09		EK	SW6010

Client ID: SALEM SB-23 (0-2)

Phoenix I.D.: AR67820

Parameter	Result	RL	Units	Date	Time	By	Reference	
Percent Solid	82		%	05/20/09		S-JL	E160.3	
Soil Extraction for PCB	Completed			05/20/09		BB/D	SW3545	
Soil Extraction for SVOA	Completed			05/20/09		QS/D	SW3545	
Extraction of CT ETPH	Completed			05/20/09		QS/D	3545	
Mercury Digestion	Completed			05/21/09		E	SW7471	
SPLP PCB Extraction	Completed			05/22/09		D/D/K	SW3510/3520	
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470	
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312	
SPLP Extraction for Organics	Completed			05/20/09		E	EPA1312	
Total Metals Digest	Completed			05/20/09		AG/T	SW846 - 3050	
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005	
Field Extraction	Completed			05/20/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1221	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1232	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1242	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1248	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1254	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1260	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1262	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1268	ND	1.0	ug/L	05/26/09		KCA	SW8082	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	58		%	05/26/09		KCA	SW8082	
%TCMX (Surrogate Rec)	73		%	05/26/09		KCA	SW8082	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,1,1-Trichloroethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,1,2,2-Tetrachloroethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,1,2-Trichloroethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,1-Dichloroethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,1-Dichloroethene	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,1-Dichloropropene	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,2,3-Trichlorobenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,2,3-Trichloropropane	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,2,4-Trichlorobenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,2,4-Trimethylbenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,2-Dichlorobenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,2-Dichloroethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,2-Dichloropropane	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,3,5-Trimethylbenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,3-Dichlorobenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,3-Dichloropropane	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
1,4-Dichlorobenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
2,2-Dichloropropane	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
2-Chlorotoluene	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
2-Hexanone	ND	30	ug/Kg	05/22/09		JH	SW8260	
2-Isopropyltoluene	ND	6.1	ug/Kg	05/22/09		JH	SW8260	
4-Chlorotoluene	ND	6.1	ug/Kg	05/22/09		JH	SW8260	

Client ID: SALEM SB-23 (0-2)

Phoenix I.D.: AR67820

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	30	ug/Kg	05/22/09		JH	SW8260
Acetone	ND	120	ug/Kg	05/22/09		JH	SW8260
Acrylonitrile	ND	12	ug/Kg	05/22/09		JH	SW8260
Benzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Bromobenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Bromochloromethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Bromodichloromethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Bromoform	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Bromomethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Carbon Disulfide	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Carbon tetrachloride	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Chlorobenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Chloroethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Chloroform	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Chloromethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260
cis-1,2-Dichloroethene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
cis-1,3-Dichloropropene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Dibromochloromethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Dibromoethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Dibromomethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Dichlorodifluoromethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Ethylbenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Hexachlorobutadiene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Isopropylbenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
m&p-Xylene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Methyl Ethyl Ketone	ND	36	ug/Kg	05/22/09		JH	SW8260
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	05/22/09		JH	SW8260
Methylene chloride	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Naphthalene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
n-Butylbenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
n-Propylbenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
o-Xylene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
p-Isopropyltoluene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
sec-Butylbenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Styrene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
tert-Butylbenzene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Tetrachloroethene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Tetrahydrofuran (THF)	ND	12	ug/Kg	05/22/09		JH	SW8260
Toluene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Total Xylenes	ND	6.1	ug/Kg	05/22/09		JH	SW8260
trans-1,2-Dichloroethene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
trans-1,3-Dichloropropene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	05/22/09		JH	SW8260
Trichloroethene	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Trichlorofluoromethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Trichlorotrifluoroethane	ND	6.1	ug/Kg	05/22/09		JH	SW8260
Vinyl chloride	ND	6.1	ug/Kg	05/22/09		JH	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/22/09		JH	SW8260
% Bromofluorobenzene	83		%	05/22/09		JH	SW8260
% Dibromofluoromethane	105		%	05/22/09		JH	SW8260
% Toluene-d8	94		%	05/22/09		JH	SW8260

Client ID: SALEM SB-23 (0-2)

Phoenix I.D.: AR67820

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
1,2-Dichlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
1,3-Dichlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
1,4-Dichlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4-Dichlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4-Dimethylphenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrophenol	ND	640	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrotoluene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,6-Dinitrotoluene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Chloronaphthalene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Chlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Methylnaphthalene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Nitroaniline	ND	640	ug/Kg	05/22/09		HM	SW 8270
2-Nitrophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	400	ug/Kg	05/22/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	480	ug/Kg	05/22/09		HM	SW 8270
3-Nitroaniline	ND	640	ug/Kg	05/22/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	05/22/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	400	ug/Kg	05/22/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	480	ug/Kg	05/22/09		HM	SW 8270
4-Chloroaniline	ND	480	ug/Kg	05/22/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	400	ug/Kg	05/22/09		HM	SW 8270
4-Nitroaniline	ND	640	ug/Kg	05/22/09		HM	SW 8270
4-Nitrophenol	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Acenaphthene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Acenaphthylene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Acetophenone	ND	400	ug/Kg	05/22/09		HM	SW 8270
Aniline	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Anthracene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Azobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benz(a)anthracene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzidine	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzo(a)pyrene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzo(b)fluoranthene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzo(ghi)perylene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzo(k)fluoranthene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzoic acid	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Benzyl butyl phthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	400	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	400	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	400	ug/Kg	05/22/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Carbazole	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Chrysene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Dibenzofuran	ND	400	ug/Kg	05/22/09		HM	SW 8270

Client ID: SALEM SB-23 (0-2) Phoenix I.D.: AR67820

Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Dimethylphthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Di-n-butylphthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Di-n-octylphthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Fluoranthene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Fluorene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobutadiene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Hexachloroethane	ND	400	ug/Kg	05/22/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Isophorone	ND	400	ug/Kg	05/22/09		HM	SW 8270
Naphthalene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Nitrobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodimethylamine	ND	400	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	400	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	400	ug/Kg	05/22/09		HM	SW 8270
Pentachloronitrobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Pentachlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
Phenanthrene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Phenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
Pyrene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Pyridine	ND	400	ug/Kg	05/22/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	108		%	05/22/09		HM	SW 8270
% 2-Fluorobiphenyl	68		%	05/22/09		HM	SW 8270
% 2-Fluorophenol	79		%	05/22/09		HM	SW 8270
% Nitrobenzene-d5	78		%	05/22/09		HM	SW 8270
% Phenol-d5	80		%	05/22/09		HM	SW 8270
% Terphenyl-d14	73		%	05/22/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	05/21/09		JRB	M8100CT
Identification	ND		mg/Kg	05/21/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	77		%	05/21/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	400	ug/Kg	05/21/09		KCA	SW 8082
PCB-1221	ND	400	ug/Kg	05/21/09		KCA	SW 8082
PCB-1232	ND	400	ug/Kg	05/21/09		KCA	SW 8082
PCB-1242	ND	400	ug/Kg	05/21/09		KCA	SW 8082
PCB-1248	ND	400	ug/Kg	05/21/09		KCA	SW 8082
PCB-1254	ND	400	ug/Kg	05/21/09		KCA	SW 8082
PCB-1260	ND	400	ug/Kg	05/21/09		KCA	SW 8082
PCB-1262	ND	400	ug/Kg	05/21/09		KCA	SW 8082
PCB-1268	ND	400	ug/Kg	05/21/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	57		%	05/21/09		KCA	SW 8082
% TCMX	79		%	05/21/09		KCA	SW 8082

Client ID: SALEM SB-23 (0-2)

Phoenix I.D.: AR67820

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
June 15, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 15, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/20/09	9:00
Location Code:	TRC	Received by:	LDF	05/20/09	12:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR67818
Phoenix I.D.: AR67821

Client ID: SALEM SB-20 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.42	0.42	mg/Kg	05/26/09		LK	SW6010
Arsenic	< 0.8	0.8	mg/Kg	05/26/09		LK	SW6010
Barium	36.3	0.42	mg/Kg	05/26/09		LK	SW6010
Beryllium	< 0.34	0.34	mg/Kg	05/26/09		LK	SW6010
Cadmium	< 0.42	0.42	mg/Kg	05/26/09		LK	SW6010
Chromium	5.35	0.42	mg/Kg	05/26/09		LK	SW6010
Copper	10.5	0.42	mg/kg	05/26/09		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	05/21/09		TH	SW-7471
Nickel	3.18	0.42	mg/Kg	05/26/09		LK	SW6010
Lead	10.8	0.42	mg/Kg	05/26/09		LK	SW6010
Antimony	< 4.2	4.2	mg/Kg	05/26/09		LK	SW6010
Selenium	< 2.1	2.1	mg/Kg	05/26/09		LK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/11/09		LK	E1312/SW6010
SPLP Barium	0.140	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/11/09		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	0.021	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/11/09		LK	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	0.024	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.8	3.8	mg/Kg	05/26/09		LK	SW6010
Vanadium	7.49	0.42	mg/Kg	05/26/09		LK	SW6010
Zinc	50.8	0.42	mg/Kg	05/26/09		EK	SW6010

Client ID: SALEM SB-20 (0-2)

Phoenix I.D.: AR67821

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	82		%	05/20/09		S-JL	E160.3
Soil Extraction for PCB	Completed			05/20/09		BB/D	SW3545
Soil Extraction for SVOA	Completed			05/20/09		QS/D	SW3545
Extraction of CT ETPH	Completed			05/20/09		QS/D	3545
Mercury Digestion	Completed			05/21/09		E	SW7471
SPLP PCB Extraction	Completed			05/22/09		D/D/K	SW3510/3520
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
SPLP Extraction for Organics	Completed			05/20/09		E	EPA1312
Total Metals Digest	Completed			05/20/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/20/09		TRC	SW5035
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1221	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1232	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1242	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1248	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1254	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1260	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1262	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1268	ND	1.0	ug/L	05/26/09		KCA	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	30		%	05/26/09		KCA	SW8082
%TCMX (Surrogate Rec)	88		%	05/26/09		KCA	SW8082
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,1,1-Trichloroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,1,2-Trichloroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloroethene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloropropene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2,3-Trichloropropane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichlorobenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichloroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichloropropane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,3-Dichlorobenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,3-Dichloropropane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,4-Dichlorobenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
2,2-Dichloropropane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
2-Chlorotoluene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
2-Hexanone	ND	24	ug/Kg	05/22/09		R/J	SW8260
2-Isopropyltoluene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
4-Chlorotoluene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260

Client ID: SALEM SB-20 (0-2)

Phoenix I.D.: AR67821

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	24	ug/Kg	05/22/09		R/J	SW8260
Acetone	ND	98	ug/Kg	05/22/09		R/J	SW8260
Acrylonitrile	ND	9.8	ug/Kg	05/22/09		R/J	SW8260
Benzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Bromobenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Bromochloromethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Bromodichloromethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Bromoform	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Bromomethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Carbon Disulfide	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Carbon tetrachloride	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Chlorobenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Chloroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Chloroform	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Chloromethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Dibromochloromethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Dibromoethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Dibromomethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Dichlorodifluoromethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Ethylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Hexachlorobutadiene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Isopropylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
m&p-Xylene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	05/22/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.8	ug/Kg	05/22/09		R/J	SW8260
Methylene chloride	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Naphthalene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
n-Butylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
n-Propylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
o-Xylene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
p-Isopropyltoluene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
sec-Butylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Styrene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
tert-Butylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Tetrachloroethene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.8	ug/Kg	05/22/09		R/J	SW8260
Toluene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Total Xylenes	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.8	ug/Kg	05/22/09		R/J	SW8260
Trichloroethene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Trichlorofluoromethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Trichlorotrifluoroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Vinyl chloride	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	05/22/09		R/J	SW8260
% Bromofluorobenzene	81		%	05/22/09		R/J	SW8260
% Dibromofluoromethane	100		%	05/22/09		R/J	SW8260
% Toluene-d8	92		%	05/22/09		R/J	SW8260

Client ID: SALEM SB-20 (0-2) Phoenix I.D.: AR67821

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
1,2-Dichlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
1,3-Dichlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
1,4-Dichlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4-Dichlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4-Dimethylphenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrophenol	ND	640	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrotoluene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,6-Dinitrotoluene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Chloronaphthalene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Chlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Methylnaphthalene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Nitroaniline	ND	640	ug/Kg	05/22/09		HM	SW 8270
2-Nitrophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	400	ug/Kg	05/22/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	480	ug/Kg	05/22/09		HM	SW 8270
3-Nitroaniline	ND	640	ug/Kg	05/22/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	05/22/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	400	ug/Kg	05/22/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	480	ug/Kg	05/22/09		HM	SW 8270
4-Chloroaniline	ND	480	ug/Kg	05/22/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	400	ug/Kg	05/22/09		HM	SW 8270
4-Nitroaniline	ND	640	ug/Kg	05/22/09		HM	SW 8270
4-Nitrophenol	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Acenaphthene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Acenaphthylene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Acetophenone	ND	400	ug/Kg	05/22/09		HM	SW 8270
Aniline	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Anthracene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Azobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benz(a)anthracene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzidine	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzo(a)pyrene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzo(b)fluoranthene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzo(ghi)perylene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzo(k)fluoranthene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzoic acid	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Benzyl butyl phthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	400	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	400	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	400	ug/Kg	05/22/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Carbazole	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Chrysene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Dibenzofuran	ND	400	ug/Kg	05/22/09		HM	SW 8270

Client ID: SALEM SB-20 (0-2) Phoenix I.D.: AR67821

Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Dimethylphthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Di-n-butylphthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Di-n-octylphthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Fluoranthene	540	400	ug/Kg	05/22/09		HM	SW 8270
Fluorene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobutadiene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Hexachloroethane	ND	400	ug/Kg	05/22/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Isophorone	ND	400	ug/Kg	05/22/09		HM	SW 8270
Naphthalene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Nitrobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodimethylamine	ND	400	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	400	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	400	ug/Kg	05/22/09		HM	SW 8270
Pentachloronitrobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Pentachlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
Phenanthrene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Phenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
Pyrene	510	400	ug/Kg	05/22/09		HM	SW 8270
Pyridine	ND	400	ug/Kg	05/22/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	105		%	05/22/09		HM	SW 8270
% 2-Fluorobiphenyl	67		%	05/22/09		HM	SW 8270
% 2-Fluorophenol	72		%	05/22/09		HM	SW 8270
% Nitrobenzene-d5	72		%	05/22/09		HM	SW 8270
% Phenol-d5	81		%	05/22/09		HM	SW 8270
% Terphenyl-d14	71		%	05/22/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	05/21/09		JRB	M8100CT
Identification	ND		mg/Kg	05/21/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	67		%	05/21/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	400	ug/Kg	05/22/09		KCA	SW 8082
PCB-1221	ND	400	ug/Kg	05/22/09		KCA	SW 8082
PCB-1232	ND	400	ug/Kg	05/22/09		KCA	SW 8082
PCB-1242	ND	400	ug/Kg	05/22/09		KCA	SW 8082
PCB-1248	ND	400	ug/Kg	05/22/09		KCA	SW 8082
PCB-1254	ND	400	ug/Kg	05/22/09		KCA	SW 8082
PCB-1260	ND	400	ug/Kg	05/22/09		KCA	SW 8082
PCB-1262	ND	400	ug/Kg	05/22/09		KCA	SW 8082
PCB-1268	ND	400	ug/Kg	05/22/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	66		%	05/22/09		KCA	SW 8082
% TCMX	101		%	05/22/09		KCA	SW 8082

Client ID: SALEM SB-20 (0-2)

Phoenix I.D.: AR67821

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
June 15, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 15, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/20/09	9:20
Location Code:	TRC	Received by:	LDF	05/20/09	12:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG I.D.: GAR67818
Phoenix I.D.: AR67822

Client ID: SALEM SB-19 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.42	0.42	mg/Kg	05/26/09		LK	SW6010
Arsenic	1.5	0.8	mg/Kg	05/26/09		LK	SW6010
Barium	48.0	0.42	mg/Kg	05/26/09		LK	SW6010
Beryllium	< 0.33	0.33	mg/Kg	05/26/09		LK	SW6010
Cadmium	< 0.42	0.42	mg/Kg	05/26/09		LK	SW6010
Chromium	8.77	0.42	mg/Kg	05/26/09		LK	SW6010
Copper	10.7	0.42	mg/kg	05/26/09		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	05/21/09		TH	SW-7471
Nickel	4.80	0.42	mg/Kg	05/26/09		LK	SW6010
Lead	43.8	0.42	mg/Kg	05/26/09		LK	SW6010
Antimony	< 4.2	4.2	mg/Kg	05/26/09		LK	SW6010
Selenium	< 2.1	2.1	mg/Kg	05/26/09		LK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/11/09		LK	E1312/SW6010
SPLP Barium	0.050	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/11/09		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/11/09		LK	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.8	3.8	mg/Kg	05/26/09		LK	SW6010
Vanadium	12.8	0.42	mg/Kg	05/26/09		LK	SW6010
Zinc	86.8	0.42	mg/Kg	05/26/09		EK	SW6010

Client ID: SALEM SB-19 (0-2) Phoenix I.D.: AR67822

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	81		%	05/20/09		S-JL	E160.3
Soil Extraction for PCB	Completed			05/20/09		BB/D	SW3545
Soil Extraction for SVOA	Completed			05/20/09		QS/D	SW3545
Extraction of CT ETPH	Completed			05/20/09		QS/D	3545
Mercury Digestion	Completed			05/21/09		E	SW7471
SPLP PCB Extraction	Completed			05/22/09		D/D/K	SW3510/3520
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
SPLP Extraction for Organics	Completed			05/20/09		E	EPA1312
Total Metals Digest	Completed			05/20/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/20/09		TRC	SW5035 1
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1221	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1232	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1242	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1248	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1254	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1260	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1262	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1268	ND	1.0	ug/L	05/26/09		KCA	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	71		%	05/26/09		KCA	SW8082
%TCMX (Surrogate Rec)	105		%	05/26/09		KCA	SW8082
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,1,1-Trichloroethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,1,2-Trichloroethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloroethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloroethene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloropropene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,2,3-Trichloropropane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichlorobenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichloroethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichloropropane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,3-Dichlorobenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,3-Dichloropropane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
1,4-Dichlorobenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
2,2-Dichloropropane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
2-Chlorotoluene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
2-Hexanone	ND	25	ug/Kg	05/22/09		R/J	SW8260
2-Isopropyltoluene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
4-Chlorotoluene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260

Client ID: SALEM SB-19 (0-2) Phoenix I.D.: AR67822

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	25	ug/Kg	05/22/09		R/J	SW8260
Acetone	ND	100	ug/Kg	05/22/09		R/J	SW8260
Acrylonitrile	ND	10	ug/Kg	05/22/09		R/J	SW8260
Benzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Bromobenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Bromochloromethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Bromodichloromethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Bromoform	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Bromomethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Carbon Disulfide	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Carbon tetrachloride	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Chlorobenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Chloroethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Chloroform	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Chloromethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Dibromochloromethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Dibromoethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Dibromomethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Ethylbenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Hexachlorobutadiene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Isopropylbenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
m&p-Xylene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Methyl Ethyl Ketone	ND	30	ug/Kg	05/22/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	05/22/09		R/J	SW8260
Methylene chloride	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Naphthalene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
n-Butylbenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
n-Propylbenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
o-Xylene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
p-Isopropyltoluene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
sec-Butylbenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Styrene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
tert-Butylbenzene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Tetrachloroethene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	05/22/09		R/J	SW8260
Toluene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Total Xylenes	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	05/22/09		R/J	SW8260
Trichloroethene	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Trichlorofluoromethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
Vinyl chloride	ND	5.1	ug/Kg	05/22/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	05/22/09		R/J	SW8260
% Bromofluorobenzene	83		%	05/22/09		R/J	SW8260
% Dibromofluoromethane	102		%	05/22/09		R/J	SW8260
% Toluene-d8	94		%	05/22/09		R/J	SW8260

Client ID: SALEM SB-19 (0-2)

Phoenix I.D.: AR67822

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
1,2-Dichlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
1,3-Dichlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
1,4-Dichlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4-Dichlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4-Dimethylphenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrophenol	ND	650	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrotoluene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2,6-Dinitrotoluene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Chloronaphthalene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Chlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Methylnaphthalene	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	400	ug/Kg	05/22/09		HM	SW 8270
2-Nitroaniline	ND	650	ug/Kg	05/22/09		HM	SW 8270
2-Nitrophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	400	ug/Kg	05/22/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	490	ug/Kg	05/22/09		HM	SW 8270
3-Nitroaniline	ND	650	ug/Kg	05/22/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	05/22/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	400	ug/Kg	05/22/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	490	ug/Kg	05/22/09		HM	SW 8270
4-Chloroaniline	ND	490	ug/Kg	05/22/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	400	ug/Kg	05/22/09		HM	SW 8270
4-Nitroaniline	ND	650	ug/Kg	05/22/09		HM	SW 8270
4-Nitrophenol	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Acenaphthene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Acenaphthylene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Acetophenone	ND	400	ug/Kg	05/22/09		HM	SW 8270
Aniline	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Anthracene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Azobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benz(a)anthracene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzidine	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzo(a)pyrene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzo(b)fluoranthene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzo(ghi)perylene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzo(k)fluoranthene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Benzoic acid	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Benzyl butyl phthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	400	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	400	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	400	ug/Kg	05/22/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Carbazole	ND	1200	ug/Kg	05/22/09		HM	SW 8270
Chrysene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Dibenzofuran	ND	400	ug/Kg	05/22/09		HM	SW 8270

Client ID: SALEM SB-19 (0-2)

Phoenix I.D.: AR67822

Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Dimethylphthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Di-n-butylphthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Di-n-octylphthalate	ND	400	ug/Kg	05/22/09		HM	SW 8270
Fluoranthene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Fluorene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobutadiene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Hexachloroethane	ND	400	ug/Kg	05/22/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Isophorone	ND	400	ug/Kg	05/22/09		HM	SW 8270
Naphthalene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Nitrobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodimethylamine	ND	400	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	400	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	400	ug/Kg	05/22/09		HM	SW 8270
Pentachloronitrobenzene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Pentachlorophenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
Phenanthrene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Phenol	ND	400	ug/Kg	05/22/09		HM	SW 8270
Pyrene	ND	400	ug/Kg	05/22/09		HM	SW 8270
Pyridine	ND	400	ug/Kg	05/22/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	108		%	05/22/09		HM	SW 8270
% 2-Fluorobiphenyl	48		%	05/22/09		HM	SW 8270
% 2-Fluorophenol	70		%	05/22/09		HM	SW 8270
% Nitrobenzene-d5	70		%	05/22/09		HM	SW 8270
% Phenol-d5	74		%	05/22/09		HM	SW 8270
% Terphenyl-d14	70		%	05/22/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	05/21/09		JRB	M8100CT
Identification	ND		mg/Kg	05/21/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	83		%	05/21/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	410	ug/Kg	05/22/09		KCA	SW 8082
PCB-1221	ND	410	ug/Kg	05/22/09		KCA	SW 8082
PCB-1232	ND	410	ug/Kg	05/22/09		KCA	SW 8082
PCB-1242	ND	410	ug/Kg	05/22/09		KCA	SW 8082
PCB-1248	ND	410	ug/Kg	05/22/09		KCA	SW 8082
PCB-1254	ND	410	ug/Kg	05/22/09		KCA	SW 8082
PCB-1260	ND	410	ug/Kg	05/22/09		KCA	SW 8082
PCB-1262	ND	410	ug/Kg	05/22/09		KCA	SW 8082
PCB-1268	ND	410	ug/Kg	05/22/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	78		%	05/22/09		KCA	SW 8082
% TCMX	102		%	05/22/09		KCA	SW 8082

Client ID: SALEM SB-19 (0-2)

Phoenix I.D.: AR67822

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
June 15, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 15, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/20/09	9:55
Location Code:	TRC	Received by:	LDF	05/20/09	12:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAR67818
Phoenix I.D.: AR67824

Laboratory Data

Client ID: SALEM SB-25 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	05/26/09		LK	SW6010
Arsenic	17.2	0.7	mg/Kg	05/26/09		LK	SW6010
Barium	27.9	0.35	mg/Kg	05/26/09		LK	SW6010
Beryllium	0.32	0.28	mg/Kg	05/26/09		LK	SW6010
Cadmium	< 0.35	0.35	mg/Kg	05/26/09		LK	SW6010
Chromium	10.4	0.35	mg/Kg	05/26/09		LK	SW6010
Copper	20.9	0.35	mg/kg	05/26/09		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	05/21/09		TH	SW-7471
Nickel	6.40	0.35	mg/Kg	05/26/09		LK	SW6010
Lead	134	0.35	mg/Kg	05/26/09		LK	SW6010
Antimony	< 3.5	3.5	mg/Kg	05/26/09		LK	SW6010
Selenium	< 1.7	1.7	mg/Kg	05/26/09		LK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/11/09		LK	E1312/SW6010
SPLP Barium	0.099	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/11/09		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/11/09		LK	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	0.022	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.1	3.1	mg/Kg	05/26/09		LK	SW6010
Vanadium	17.0	0.35	mg/Kg	05/26/09		LK	SW6010
Zinc	57.5	0.35	mg/Kg	05/26/09		EK	SW6010

Client ID: SALEM SB-25 (0-2)

Phoenix I.D.: AR67824

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	90		%	05/20/09		S-JL	E160.3
Soil Extraction for PCB	Completed			05/20/09		BB/D	SW3545
Soil Extraction for SVOA	Completed			05/20/09		QS/D	SW3545
Extraction of CT ETPH	Completed			05/20/09		QS/D	3545
Mercury Digestion	Completed			05/21/09		E	SW7471
SPLP PCB Extraction	Completed			05/22/09		D/D/K	SW3510/3520
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
SPLP Extraction for Organics	Completed			05/20/09		E	EPA1312
Total Metals Digest	Completed			05/20/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/20/09		TRC	SW5035 1
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1221	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1232	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1242	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1248	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1254	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1260	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1262	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1268	ND	1.0	ug/L	05/26/09		KCA	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	53		%	05/26/09		KCA	SW8082
%TCMX (Surrogate Rec)	78		%	05/26/09		KCA	SW8082
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,1,1-Trichloroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,1,2-Trichloroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloroethene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloropropene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2,3-Trichloropropane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichlorobenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichloroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichloropropane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,3-Dichlorobenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,3-Dichloropropane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
1,4-Dichlorobenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
2,2-Dichloropropane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
2-Chlorotoluene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
2-Hexanone	ND	25	ug/Kg	05/22/09		R/J	SW8260
2-Isopropyltoluene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
4-Chlorotoluene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260

Client ID: SALEM SB-25 (0-2)

Phoenix I.D.: AR67824

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	25	ug/Kg	05/22/09		R/J	SW8260
Acetone	ND	99	ug/Kg	05/22/09		R/J	SW8260
Acrylonitrile	ND	9.9	ug/Kg	05/22/09		R/J	SW8260
Benzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Bromobenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Bromochloromethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Bromodichloromethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Bromoform	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Bromomethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Carbon Disulfide	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Carbon tetrachloride	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Chlorobenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Chloroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Chloroform	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Chloromethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Dibromochloromethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Dibromoethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Dibromomethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Dichlorodifluoromethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Ethylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Hexachlorobutadiene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Isopropylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
m&p-Xylene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Methyl Ethyl Ketone	ND	30	ug/Kg	05/22/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.9	ug/Kg	05/22/09		R/J	SW8260
Methylene chloride	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Naphthalene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
n-Butylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
n-Propylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
o-Xylene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
p-Isopropyltoluene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
sec-Butylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Styrene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
tert-Butylbenzene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Tetrachloroethene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.9	ug/Kg	05/22/09		R/J	SW8260
Toluene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Total Xylenes	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.9	ug/Kg	05/22/09		R/J	SW8260
Trichloroethene	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Trichlorofluoromethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Trichlorotrifluoroethane	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
Vinyl chloride	ND	4.9	ug/Kg	05/22/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	05/22/09		R/J	SW8260
% Bromofluorobenzene	84		%	05/22/09		R/J	SW8260
% Dibromofluoromethane	102		%	05/22/09		R/J	SW8260
% Toluene-d8	95		%	05/22/09		R/J	SW8260

Client ID: SALEM SB-25 (0-2)

Phoenix I.D.: AR67824

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	370	ug/Kg	05/21/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	370	ug/Kg	05/21/09		HM	SW 8270
1,2-Dichlorobenzene	ND	370	ug/Kg	05/21/09		HM	SW 8270
1,3-Dichlorobenzene	ND	370	ug/Kg	05/21/09		HM	SW 8270
1,4-Dichlorobenzene	ND	370	ug/Kg	05/21/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	370	ug/Kg	05/21/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	370	ug/Kg	05/21/09		HM	SW 8270
2,4-Dichlorophenol	ND	370	ug/Kg	05/21/09		HM	SW 8270
2,4-Dimethylphenol	ND	370	ug/Kg	05/21/09		HM	SW 8270
2,4-Dinitrophenol	ND	590	ug/Kg	05/21/09		HM	SW 8270
2,4-Dinitrotoluene	ND	370	ug/Kg	05/21/09		HM	SW 8270
2,6-Dinitrotoluene	ND	370	ug/Kg	05/21/09		HM	SW 8270
2-Chloronaphthalene	ND	370	ug/Kg	05/21/09		HM	SW 8270
2-Chlorophenol	ND	370	ug/Kg	05/21/09		HM	SW 8270
2-Methylnaphthalene	ND	370	ug/Kg	05/21/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	370	ug/Kg	05/21/09		HM	SW 8270
2-Nitroaniline	ND	590	ug/Kg	05/21/09		HM	SW 8270
2-Nitrophenol	ND	370	ug/Kg	05/21/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	05/21/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	440	ug/Kg	05/21/09		HM	SW 8270
3-Nitroaniline	ND	590	ug/Kg	05/21/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	05/21/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	05/21/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	440	ug/Kg	05/21/09		HM	SW 8270
4-Chloroaniline	ND	440	ug/Kg	05/21/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	370	ug/Kg	05/21/09		HM	SW 8270
4-Nitroaniline	ND	590	ug/Kg	05/21/09		HM	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	05/21/09		HM	SW 8270
Acenaphthene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Acenaphthylene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Acetophenone	ND	370	ug/Kg	05/21/09		HM	SW 8270
Aniline	ND	1100	ug/Kg	05/21/09		HM	SW 8270
Anthracene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Azobenzene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Benz(a)anthracene	380	370	ug/Kg	05/21/09		HM	SW 8270
Benzidine	ND	370	ug/Kg	05/21/09		HM	SW 8270
Benzo(a)pyrene	390	370	ug/Kg	05/21/09		HM	SW 8270
Benzo(b)fluoranthene	570	370	ug/Kg	05/21/09		HM	SW 8270
Benzo(ghi)perylene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Benzo(k)fluoranthene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Benzoic acid	ND	1100	ug/Kg	05/21/09		HM	SW 8270
Benzyl butyl phthalate	ND	370	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	370	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	370	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	370	ug/Kg	05/21/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	370	ug/Kg	05/21/09		HM	SW 8270
Carbazole	ND	1100	ug/Kg	05/21/09		HM	SW 8270
Chrysene	450	370	ug/Kg	05/21/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Dibenzofuran	ND	370	ug/Kg	05/21/09		HM	SW 8270

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Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	370	ug/Kg	05/21/09		HM	SW 8270
Dimethylphthalate	ND	370	ug/Kg	05/21/09		HM	SW 8270
Di-n-butylphthalate	ND	370	ug/Kg	05/21/09		HM	SW 8270
Di-n-octylphthalate	ND	370	ug/Kg	05/21/09		HM	SW 8270
Fluoranthene	690	370	ug/Kg	05/21/09		HM	SW 8270
Fluorene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Hexachlorobenzene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Hexachlorobutadiene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Hexachloroethane	ND	370	ug/Kg	05/21/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Isophorone	ND	370	ug/Kg	05/21/09		HM	SW 8270
Naphthalene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Nitrobenzene	ND	370	ug/Kg	05/21/09		HM	SW 8270
N-Nitrosodimethylamine	ND	370	ug/Kg	05/21/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	370	ug/Kg	05/21/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	05/21/09		HM	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Pentachlorophenol	ND	370	ug/Kg	05/21/09		HM	SW 8270
Phenanthrene	ND	370	ug/Kg	05/21/09		HM	SW 8270
Phenol	ND	370	ug/Kg	05/21/09		HM	SW 8270
Pyrene	770	370	ug/Kg	05/21/09		HM	SW 8270
Pyridine	ND	370	ug/Kg	05/21/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	105		%	05/21/09		HM	SW 8270
% 2-Fluorobiphenyl	72		%	05/21/09		HM	SW 8270
% 2-Fluorophenol	78		%	05/21/09		HM	SW 8270
% Nitrobenzene-d5	73		%	05/21/09		HM	SW 8270
% Phenol-d5	82		%	05/21/09		HM	SW 8270
% Terphenyl-d14	74		%	05/21/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	11	mg/Kg	05/24/09		JRB	M8100CT
Identification	ND		mg/Kg	05/24/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	83		%	05/24/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	05/22/09		KCA	SW 8082
PCB-1221	ND	370	ug/Kg	05/22/09		KCA	SW 8082
PCB-1232	ND	370	ug/Kg	05/22/09		KCA	SW 8082
PCB-1242	ND	370	ug/Kg	05/22/09		KCA	SW 8082
PCB-1248	ND	370	ug/Kg	05/22/09		KCA	SW 8082
PCB-1254	ND	370	ug/Kg	05/22/09		KCA	SW 8082
PCB-1260	ND	370	ug/Kg	05/22/09		KCA	SW 8082
PCB-1262	ND	370	ug/Kg	05/22/09		KCA	SW 8082
PCB-1268	ND	370	ug/Kg	05/22/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	122		%	05/22/09		KCA	SW 8082
% TCMX	94		%	05/22/09		KCA	SW 8082

Client ID: SALEM SB-25 (0-2)

Phoenix I.D.: AR67824

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
June 15, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 15, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/20/09	10:15
Location Code:	TRC	Received by:	LDF	05/20/09	12:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAR67818
Phoenix I.D.: AR67825

Laboratory Data

Client ID: SALEM SB-18 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	05/24/09		EK	SW6010
Arsenic	1.7	0.7	mg/Kg	05/24/09		EK	SW6010
Barium	30.8	0.34	mg/Kg	05/24/09		EK	SW6010
Beryllium	< 0.27	0.27	mg/Kg	05/24/09		EK	SW6010
Cadmium	< 0.34	0.34	mg/Kg	05/24/09		EK	SW6010
Chromium	6.40	0.34	mg/Kg	05/24/09		EK	SW6010
Copper	5.44	0.34	mg/kg	05/24/09		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	05/21/09		TH	SW-7471
Nickel	3.86	0.34	mg/Kg	05/24/09		EK	SW6010
Lead	9.09	0.34	mg/Kg	05/24/09		EK	SW6010
Antimony	< 3.4	3.4	mg/Kg	05/24/09		EK	SW6010
Selenium	< 1.7	1.7	mg/Kg	05/24/09		EK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/11/09		LK	E1312/SW6010
SPLP Barium	0.158	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/11/09		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/11/09		LK	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.0	3.0	mg/Kg	05/24/09		EK	SW6010
Vanadium	10.8	0.34	mg/Kg	05/24/09		EK	SW6010
Zinc	14.9	0.34	mg/Kg	05/24/09		EK	SW6010

Client ID: SALEM SB-18 (0-2)

Phoenix I.D.: AR67825

Parameter	Result	RL	Units	Date	Time	By	Reference	
Percent Solid	92		%	05/20/09		S-JL	E160.3	
Soil Extraction for PCB	Completed			05/20/09		BB/D	SW3545	
Soil Extraction for SVOA	Completed			05/20/09		QS/D	SW3545	
Extraction of CT ETPH	Completed			05/20/09		QS/D	3545	
Mercury Digestion	Completed			05/21/09		E	SW7471	
SPLP PCB Extraction	Completed			05/22/09		D/D/K	SW3510/3520	
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470	
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312	
SPLP Extraction for Organics	Completed			05/20/09		E	EPA1312	
Total Metals Digest	Completed			05/20/09		AG/T	SW846 - 3050	
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005	
Field Extraction	Completed			05/20/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1221	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1232	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1242	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1248	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1254	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1260	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1262	ND	1.0	ug/L	05/26/09		KCA	SW8082	
PCB-1268	ND	1.0	ug/L	05/26/09		KCA	SW8082	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	30		%	05/26/09		KCA	SW8082	
%TCMX (Surrogate Rec)	61		%	05/26/09		KCA	SW8082	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,1-Dichloroethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,1-Dichloroethene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,1-Dichloropropene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,2,3-Trichloropropane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,2-Dichlorobenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,2-Dichloroethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,2-Dichloropropane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,3-Dichlorobenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,3-Dichloropropane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
1,4-Dichlorobenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
2,2-Dichloropropane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
2-Chlorotoluene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
2-Hexanone	ND	35	ug/Kg	05/22/09		R/J	SW8260	
2-Isopropyltoluene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	
4-Chlorotoluene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260	

Client ID: SALEM SB-18 (0-2)

Phoenix I.D.: AR67825

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	35	ug/Kg	05/22/09		R/J	SW8260
Acetone	ND	140	ug/Kg	05/22/09		R/J	SW8260
Acrylonitrile	ND	14	ug/Kg	05/22/09		R/J	SW8260
Benzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Bromobenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Bromochloromethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Bromodichloromethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Bromoform	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Bromomethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Carbon Disulfide	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Carbon tetrachloride	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Chlorobenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Chloroethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Chloroform	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Chloromethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Dibromochloromethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Dibromoethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Dibromomethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Dichlorodifluoromethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Ethylbenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Hexachlorobutadiene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Isopropylbenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
m&p-Xylene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Methyl Ethyl Ketone	ND	42	ug/Kg	05/22/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	14	ug/Kg	05/22/09		R/J	SW8260
Methylene chloride	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Naphthalene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
n-Butylbenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
n-Propylbenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
o-Xylene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
p-Isopropyltoluene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
sec-Butylbenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Styrene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
tert-Butylbenzene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Tetrachloroethene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	14	ug/Kg	05/22/09		R/J	SW8260
Toluene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Total Xylenes	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	14	ug/Kg	05/22/09		R/J	SW8260
Trichloroethene	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Trichlorofluoromethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Trichlorotrifluoroethane	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
Vinyl chloride	ND	7.0	ug/Kg	05/22/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	05/22/09		R/J	SW8260
% Bromofluorobenzene	82		%	05/22/09		R/J	SW8260
% Dibromofluoromethane	107		%	05/22/09		R/J	SW8260
% Toluene-d8	94		%	05/22/09		R/J	SW8260

Client ID: SALEM SB-18 (0-2)

Phoenix I.D.: AR67825

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	360	ug/Kg	05/22/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	360	ug/Kg	05/22/09		HM	SW 8270
1,2-Dichlorobenzene	ND	360	ug/Kg	05/22/09		HM	SW 8270
1,3-Dichlorobenzene	ND	360	ug/Kg	05/22/09		HM	SW 8270
1,4-Dichlorobenzene	ND	360	ug/Kg	05/22/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	360	ug/Kg	05/22/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	360	ug/Kg	05/22/09		HM	SW 8270
2,4-Dichlorophenol	ND	360	ug/Kg	05/22/09		HM	SW 8270
2,4-Dimethylphenol	ND	360	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrotoluene	ND	360	ug/Kg	05/22/09		HM	SW 8270
2,6-Dinitrotoluene	ND	360	ug/Kg	05/22/09		HM	SW 8270
2-Chloronaphthalene	ND	360	ug/Kg	05/22/09		HM	SW 8270
2-Chlorophenol	ND	360	ug/Kg	05/22/09		HM	SW 8270
2-Methylnaphthalene	ND	360	ug/Kg	05/22/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	360	ug/Kg	05/22/09		HM	SW 8270
2-Nitroaniline	ND	570	ug/Kg	05/22/09		HM	SW 8270
2-Nitrophenol	ND	360	ug/Kg	05/22/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	05/22/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	430	ug/Kg	05/22/09		HM	SW 8270
3-Nitroaniline	ND	570	ug/Kg	05/22/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	05/22/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	360	ug/Kg	05/22/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	430	ug/Kg	05/22/09		HM	SW 8270
4-Chloroaniline	ND	430	ug/Kg	05/22/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	360	ug/Kg	05/22/09		HM	SW 8270
4-Nitroaniline	ND	570	ug/Kg	05/22/09		HM	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	05/22/09		HM	SW 8270
Acenaphthene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Acenaphthylene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Acetophenone	ND	360	ug/Kg	05/22/09		HM	SW 8270
Aniline	ND	1000	ug/Kg	05/22/09		HM	SW 8270
Anthracene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Azobenzene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Benz(a)anthracene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Benzidine	ND	360	ug/Kg	05/22/09		HM	SW 8270
Benzo(a)pyrene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Benzo(b)fluoranthene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Benzo(ghi)perylene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Benzo(k)fluoranthene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Benzoic acid	ND	1000	ug/Kg	05/22/09		HM	SW 8270
Benzyl butyl phthalate	ND	360	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	360	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	360	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	360	ug/Kg	05/22/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	360	ug/Kg	05/22/09		HM	SW 8270
Carbazole	ND	1000	ug/Kg	05/22/09		HM	SW 8270
Chrysene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Dibenzofuran	ND	360	ug/Kg	05/22/09		HM	SW 8270

Client ID: SALEM SB-18 (0-2)

Phoenix I.D.: AR67825

Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	360	ug/Kg	05/22/09		HM	SW 8270
Dimethylphthalate	ND	360	ug/Kg	05/22/09		HM	SW 8270
Di-n-butylphthalate	ND	360	ug/Kg	05/22/09		HM	SW 8270
Di-n-octylphthalate	ND	360	ug/Kg	05/22/09		HM	SW 8270
Fluoranthene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Fluorene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobenzene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobutadiene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Hexachloroethane	ND	360	ug/Kg	05/22/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Isophorone	ND	360	ug/Kg	05/22/09		HM	SW 8270
Naphthalene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Nitrobenzene	ND	360	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	360	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	05/22/09		HM	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Pentachlorophenol	ND	360	ug/Kg	05/22/09		HM	SW 8270
Phenanthrene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Phenol	ND	360	ug/Kg	05/22/09		HM	SW 8270
Pyrene	ND	360	ug/Kg	05/22/09		HM	SW 8270
Pyridine	ND	360	ug/Kg	05/22/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	109		%	05/22/09		HM	SW 8270
% 2-Fluorobiphenyl	75		%	05/22/09		HM	SW 8270
% 2-Fluorophenol	86		%	05/22/09		HM	SW 8270
% Nitrobenzene-d5	78		%	05/22/09		HM	SW 8270
% Phenol-d5	82		%	05/22/09		HM	SW 8270
% Terphenyl-d14	71		%	05/22/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	05/21/09		JRB	M8100CT
Identification	ND		mg/Kg	05/21/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	87		%	05/21/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1221	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1232	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1242	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1248	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1254	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1260	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1262	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1268	ND	360	ug/Kg	05/22/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	90		%	05/22/09		KCA	SW 8082
% TCMX	105		%	05/22/09		KCA	SW 8082

Client ID: SALEM SB-18 (0-2)

Phoenix I.D.: AR67825

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 15, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 15, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/20/09	10:45
Location Code:	TRC	Received by:	LDF	05/20/09	12:50
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAR67818
Phoenix I.D.: AR67827

Laboratory Data

Client ID: SALEM HA-1 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	05/24/09		EK	SW6010
Arsenic	< 0.8	0.8	mg/Kg	05/24/09		EK	SW6010
Barium	47.4	0.38	mg/Kg	05/24/09		EK	SW6010
Beryllium	0.39	0.30	mg/Kg	05/24/09		EK	SW6010
Cadmium	< 0.38	0.38	mg/Kg	05/24/09		EK	SW6010
Chromium	10.2	0.38	mg/Kg	05/24/09		EK	SW6010
Copper	11.2	0.38	mg/kg	05/24/09		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	05/21/09		TH	SW-7471
Nickel	6.26	0.38	mg/Kg	05/24/09		EK	SW6010
Lead	294	3.8	mg/Kg	05/28/09		LK	SW6010
Antimony	< 3.8	3.8	mg/Kg	05/24/09		EK	SW6010
Selenium	< 1.9	1.9	mg/Kg	05/24/09		EK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/11/09		LK	E1312/SW6010
SPLP Barium	0.073	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/11/09		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	0.141	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/11/09		LK	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	0.117	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.4	3.4	mg/Kg	05/24/09		EK	SW6010
Vanadium	16.5	0.38	mg/Kg	05/24/09		EK	SW6010
Zinc	199	0.38	mg/Kg	05/24/09		EK	SW6010

Client ID: SALEM HA-1 (0-2)

Phoenix I.D.: AR67827

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	92		%	05/20/09		S-JL	E160.3
Soil Extraction for PCB	Completed			05/20/09		BB/D	SW3545
Soil Extraction for SVOA	Completed			05/20/09		QS/D	SW3545
Extraction of CT ETPH	Completed			05/20/09		QS/D	3545
Mercury Digestion	Completed			05/21/09		E	SW7471
SPLP PCB Extraction	Completed			05/22/09		D/D/K	SW3510/3520
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
SPLP Extraction for Organics	Completed			05/20/09		E	EPA1312
SPLP Semivolatiles (SIM) Ext.	Completed			05/21/09		O/K	SW3510/3520
Total Metals Digest	Completed			05/20/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/20/09		TRC	SW5035 1
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1221	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1232	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1242	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1248	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1254	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1260	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1262	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1268	ND	1.0	ug/L	05/26/09		KCA	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	65		%	05/26/09		KCA	SW8082
%TCMX (Surrogate Rec)	69		%	05/26/09		KCA	SW8082
Volatiles							
1,1,1,2-Tetrachloroethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,1,1-Trichloroethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,1,2-Trichloroethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloroethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloroethene	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloropropene	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,2,3-Trichloropropane	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichlorobenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichloroethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichloropropane	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,3-Dichlorobenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,3-Dichloropropane	ND	290	ug/Kg	05/22/09		R/J	SW8260
1,4-Dichlorobenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
2,2-Dichloropropane	ND	290	ug/Kg	05/22/09		R/J	SW8260
2-Chlorotoluene	ND	290	ug/Kg	05/22/09		R/J	SW8260
2-Hexanone	ND	1400	ug/Kg	05/22/09		R/J	SW8260
2-Isopropyltoluene	ND	290	ug/Kg	05/22/09		R/J	SW8260

Client ID: SALEM HA-1 (0-2)

Phoenix I.D.: AR67827

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Chlorotoluene	ND	290	ug/Kg	05/22/09		R/J	SW8260
4-Methyl-2-pentanone	ND	1400	ug/Kg	05/22/09		R/J	SW8260
Acetone	ND	5700	ug/Kg	05/22/09		R/J	SW8260
Acrylonitrile	ND	570	ug/Kg	05/22/09		R/J	SW8260
Benzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
Bromobenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
Bromochloromethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
Bromodichloromethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
Bromoform	ND	290	ug/Kg	05/22/09		R/J	SW8260
Bromomethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
Carbon Disulfide	ND	290	ug/Kg	05/22/09		R/J	SW8260
Carbon tetrachloride	ND	290	ug/Kg	05/22/09		R/J	SW8260
Chlorobenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
Chloroethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
Chloroform	ND	290	ug/Kg	05/22/09		R/J	SW8260
Chloromethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	290	ug/Kg	05/22/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	290	ug/Kg	05/22/09		R/J	SW8260
Dibromochloromethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
Dibromoethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
Dibromomethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
Dichlorodifluoromethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
Ethylbenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
Hexachlorobutadiene	ND	290	ug/Kg	05/22/09		R/J	SW8260
Isopropylbenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
m&p-Xylene	ND	290	ug/Kg	05/22/09		R/J	SW8260
Methyl Ethyl Ketone	ND	1700	ug/Kg	05/22/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	570	ug/Kg	05/22/09		R/J	SW8260
Methylene chloride	ND	290	ug/Kg	05/22/09		R/J	SW8260
Naphthalene	ND	290	ug/Kg	05/22/09		R/J	SW8260
n-Butylbenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
n-Propylbenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
o-Xylene	ND	290	ug/Kg	05/22/09		R/J	SW8260
p-Isopropyltoluene	ND	290	ug/Kg	05/22/09		R/J	SW8260
sec-Butylbenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
Styrene	ND	290	ug/Kg	05/22/09		R/J	SW8260
tert-Butylbenzene	ND	290	ug/Kg	05/22/09		R/J	SW8260
Tetrachloroethene	ND	290	ug/Kg	05/22/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	570	ug/Kg	05/22/09		R/J	SW8260
Toluene	ND	290	ug/Kg	05/22/09		R/J	SW8260
Total Xylenes	ND	290	ug/Kg	05/22/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	290	ug/Kg	05/22/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	290	ug/Kg	05/22/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	570	ug/Kg	05/22/09		R/J	SW8260
Trichloroethene	ND	290	ug/Kg	05/22/09		R/J	SW8260
Trichlorofluoromethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
Trichlorotrifluoroethane	ND	290	ug/Kg	05/22/09		R/J	SW8260
Vinyl chloride	ND	290	ug/Kg	05/22/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	05/22/09		R/J	SW8260
% Bromofluorobenzene	87		%	05/22/09		R/J	SW8260
% Dibromofluoromethane	96		%	05/22/09		R/J	SW8260

Client ID: SALEM HA-1 (0-2)

Phoenix I.D.: AR67827

Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	96		%	05/22/09		RJ	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	350	ug/Kg	05/22/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	350	ug/Kg	05/22/09		HM	SW 8270
1,2-Dichlorobenzene	ND	350	ug/Kg	05/22/09		HM	SW 8270
1,3-Dichlorobenzene	ND	350	ug/Kg	05/22/09		HM	SW 8270
1,4-Dichlorobenzene	ND	350	ug/Kg	05/22/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	350	ug/Kg	05/22/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	350	ug/Kg	05/22/09		HM	SW 8270
2,4-Dichlorophenol	ND	350	ug/Kg	05/22/09		HM	SW 8270
2,4-Dimethylphenol	ND	350	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrophenol	ND	560	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrotoluene	ND	350	ug/Kg	05/22/09		HM	SW 8270
2,6-Dinitrotoluene	ND	350	ug/Kg	05/22/09		HM	SW 8270
2-Chloronaphthalene	ND	350	ug/Kg	05/22/09		HM	SW 8270
2-Chlorophenol	ND	350	ug/Kg	05/22/09		HM	SW 8270
2-Methylnaphthalene	ND	350	ug/Kg	05/22/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	350	ug/Kg	05/22/09		HM	SW 8270
2-Nitroaniline	ND	560	ug/Kg	05/22/09		HM	SW 8270
2-Nitrophenol	ND	350	ug/Kg	05/22/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	05/22/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	420	ug/Kg	05/22/09		HM	SW 8270
3-Nitroaniline	ND	560	ug/Kg	05/22/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	05/22/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	05/22/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	420	ug/Kg	05/22/09		HM	SW 8270
4-Chloroaniline	ND	420	ug/Kg	05/22/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	350	ug/Kg	05/22/09		HM	SW 8270
4-Nitroaniline	ND	560	ug/Kg	05/22/09		HM	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	05/22/09		HM	SW 8270
Acenaphthene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Acenaphthylene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Acetophenone	ND	350	ug/Kg	05/22/09		HM	SW 8270
Aniline	ND	1000	ug/Kg	05/22/09		HM	SW 8270
Anthracene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Azobenzene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Benz(a)anthracene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Benzidine	ND	350	ug/Kg	05/22/09		HM	SW 8270
Benzo(a)pyrene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Benzo(b)fluoranthene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Benzo(ghi)perylene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Benzo(k)fluoranthene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Benzoic acid	ND	1000	ug/Kg	05/22/09		HM	SW 8270
Benzyl butyl phthalate	ND	350	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	350	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	350	ug/Kg	05/22/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	470	350	ug/Kg	05/22/09		HM	SW 8270
Carbazole	ND	1000	ug/Kg	05/22/09		HM	SW 8270
Chrysene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	350	ug/Kg	05/22/09		HM	SW 8270

Client ID: SALEM HA-1 (0-2)

Phoenix I.D.: AR67827

Parameter	Result	RL	Units	Date	Time	By	Reference
Dibenzofuran	ND	350	ug/Kg	05/22/09		HM	SW 8270
Diethyl phthalate	ND	350	ug/Kg	05/22/09		HM	SW 8270
Dimethylphthalate	ND	350	ug/Kg	05/22/09		HM	SW 8270
Di-n-butylphthalate	ND	350	ug/Kg	05/22/09		HM	SW 8270
Di-n-octylphthalate	ND	350	ug/Kg	05/22/09		HM	SW 8270
Fluoranthene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Fluorene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobenzene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobutadiene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Hexachloroethane	ND	350	ug/Kg	05/22/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Isophorone	ND	350	ug/Kg	05/22/09		HM	SW 8270
Naphthalene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Nitrobenzene	ND	350	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	350	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	05/22/09		HM	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Pentachlorophenol	ND	350	ug/Kg	05/22/09		HM	SW 8270
Phenanthrene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Phenol	ND	350	ug/Kg	05/22/09		HM	SW 8270
Pyrene	ND	350	ug/Kg	05/22/09		HM	SW 8270
Pyridine	ND	350	ug/Kg	05/22/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	69		%	05/22/09		HM	SW 8270
% 2-Fluorobiphenyl	49		%	05/22/09		HM	SW 8270
% 2-Fluorophenol	77		%	05/22/09		HM	SW 8270
% Nitrobenzene-d5	76		%	05/22/09		HM	SW 8270
% Phenol-d5	79		%	05/22/09		HM	SW 8270
% Terphenyl-d14	61		%	05/22/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	2400	110	mg/Kg	05/24/09		JRB	M8100CT
Identification	**		mg/Kg	05/24/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Diluted Out		%	05/24/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1221	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1232	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1242	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1248	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1254	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1260	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1262	ND	360	ug/Kg	05/22/09		KCA	SW 8082
PCB-1268	ND	360	ug/Kg	05/22/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	105		%	05/22/09		KCA	SW 8082
% TCMX	82		%	05/22/09		KCA	SW 8082

Client ID: SALEM HA-1 (0-2)

Phoenix I.D.: AR67827

Parameter	Result	RL	Units	Date	Time	By	Reference
SPLP Semivolatiles by SIM							
2-Methylnaphthalene	ND	10	ug/L	05/23/09		KCA	8270(SIM)
Acenaphthene	ND	10	ug/L	05/23/09		KCA	8270(SIM)
Acenaphthylene	ND	0.3	ug/L	05/23/09		KCA	8270(SIM)
Anthracene	ND	10	ug/L	05/23/09		KCA	8270(SIM)
Benz(a)anthracene	ND	0.06	ug/L	05/23/09		KCA	8270(SIM)
Benzo(a)pyrene	ND	0.2	ug/L	05/23/09		KCA	8270(SIM)
Benzo(b)fluoranthene	ND	0.08	ug/L	05/23/09		KCA	8270(SIM)
Benzo(ghi)perylene	ND	10	ug/L	05/23/09		KCA	8270(SIM)
Benzo(k)fluoranthene	ND	0.3	ug/L	05/23/09		KCA	8270(SIM)
Chrysene	ND	4.8	ug/L	05/23/09		KCA	8270(SIM)
Dibenz(a,h)anthracene	ND	0.2	ug/L	05/23/09		KCA	8270(SIM)
Fluoranthene	ND	10	ug/L	05/23/09		KCA	8270(SIM)
Fluorene	ND	10	ug/L	05/23/09		KCA	8270(SIM)
Indeno(1,2,3-cd)pyrene	ND	0.2	ug/L	05/23/09		KCA	8270(SIM)
Naphthalene	ND	10	ug/L	05/23/09		KCA	8270(SIM)
Phenanthrene	ND	0.3	ug/L	05/23/09		KCA	8270(SIM)
Pyrene	ND	10	ug/L	05/23/09		KCA	8270(SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	62		%	05/23/09		KCA	8270(SIM)
% Nitrobenzene-d5	63		%	05/23/09		KCA	8270(SIM)
% Terphenyl-d14	61		%	05/23/09		KCA	8270(SIM)

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

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards,
but contains a distribution in the C10 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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 15, 2009

PHOENIX
Environmental Laboratories, Inc.

Monday, June 22, 2009

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

Client ID: SALEM
Sample ID#s: AR67148, AR67150, AR67153, AR67156, AR67158 - AR67159, AR67163, AR67165, AR67168

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

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

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

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

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

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
TX Lab Registration #T104704451-09TX
VT Lab Registration #VT11301

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		05/18/09	9:05
Location Code:	TRC	Received by:	SW	05/18/09	16:45
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67147
Phoenix I.D.: AR67148

Client ID: SALEM SB-1 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.39	0.39	mg/Kg	05/23/09		LK	SW6010
Arsenic	2.2	0.8	mg/Kg	05/23/09		LK	SW6010
Barium	40.9	0.39	mg/Kg	05/23/09		LK	SW6010
Beryllium	0.47	0.31	mg/Kg	05/28/09		LK	SW6010
Cadmium	1.23	0.39	mg/Kg	05/28/09		LK	SW6010
Chromium	15.1	0.39	mg/Kg	05/23/09		LK	SW6010
Copper	121	0.39	mg/kg	05/23/09		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	05/19/09		RS	SW-7471
Nickel	8.18	0.39	mg/Kg	05/23/09		LK	SW6010
Lead	151	0.39	mg/Kg	05/23/09		LK	SW6010
Antimony	< 3.9	3.9	mg/Kg	05/23/09		LK	SW6010
Selenium	< 2.0	2.0	mg/Kg	05/23/09		LK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/19/09		TH	E1312/SW6010
SPLP Barium	0.024	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/19/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/19/09		TH	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Copper	0.021	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Lead	0.093	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/19/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/19/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/19/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Zinc	0.060	0.010	mg/L	06/19/09		EK	E1312/SW6010
Thallium	< 3.5	3.5	mg/Kg	05/23/09		LK	SW6010
Vanadium	18.7	0.39	mg/Kg	05/23/09		LK	SW6010
Zinc	1000	3.9	mg/Kg	05/28/09		LK	SW6010

Client ID: SALEM SB-1 (2-4)

Phoenix I.D.: AR67148

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	05/18/09		M-JL	E160.3
Soil Extraction for PCB	Completed			05/18/09		CB/D	SW3545
Soil Extraction for SVOA	Completed			05/18/09		CS/D	SW3545
Extraction of CT ETPH	Completed			05/18/09		CS/D	3545
Mercury Digestion	Completed			05/19/09		E	SW7471
SPLP Digestion Mercury	Completed			05/19/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
Total Metals Digest	Completed			05/18/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/18/09		TRC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,1,1-Trichloroethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,1,2-Trichloroethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloroethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloroethene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloropropene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,2,3-Trichlorobenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,2,3-Trichloropropane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,2,4-Trichlorobenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,2,4-Trimethylbenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichlorobenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichloroethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichloropropane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,3,5-Trimethylbenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,3-Dichlorobenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,3-Dichloropropane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
1,4-Dichlorobenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
2,2-Dichloropropane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
2-Chlorotoluene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
2-Hexanone	ND	24	ug/Kg	05/20/09		H/J	SW8260
2-Isopropyltoluene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
4-Chlorotoluene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
4-Methyl-2-pentanone	ND	24	ug/Kg	05/20/09		H/J	SW8260
Acetone	ND	97	ug/Kg	05/20/09		H/J	SW8260
Acrylonitrile	ND	9.7	ug/Kg	05/20/09		H/J	SW8260
Benzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Bromobenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Bromochloromethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Bromodichloromethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Bromoform	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Bromomethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Carbon Disulfide	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Carbon tetrachloride	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Chlorobenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Chloroethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Chloroform	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Chloromethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
cis-1,2-Dichloroethene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260

Client ID: SALEM SB-1 (2-4) Phoenix I.D.: AR67148

Parameter	Result	RL	Units	Date	Time	By	Reference
cis-1,3-Dichloropropene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Dibromochloromethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Dibromoethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Dibromomethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Dichlorodifluoromethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Ethylbenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Hexachlorobutadiene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Isopropylbenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
m&p-Xylene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	05/20/09		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.7	ug/Kg	05/20/09		H/J	SW8260
Methylene chloride	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Naphthalene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
n-Butylbenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
n-Propylbenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
o-Xylene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
p-Isopropyltoluene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
sec-Butylbenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Styrene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
tert-Butylbenzene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Tetrachloroethene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Tetrahydrofuran (THF)	ND	9.7	ug/Kg	05/20/09		H/J	SW8260
Toluene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Total Xylenes	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
trans-1,2-Dichloroethene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
trans-1,3-Dichloropropene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.7	ug/Kg	05/20/09		H/J	SW8260
Trichloroethene	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Trichlorofluoromethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Trichlorotrifluoroethane	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
Vinyl chloride	ND	4.8	ug/Kg	05/20/09		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/20/09		H/J	SW8260
% Bromofluorobenzene	82		%	05/20/09		H/J	SW8260
% Dibromofluoromethane	101		%	05/20/09		H/J	SW8260
% Toluene-d8	94		%	05/20/09		H/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
1,2-Dichlorobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
1,3-Dichlorobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
1,4-Dichlorobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2,4,5-Trichlorophenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2,4,6-Trichlorophenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dichlorophenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dimethylphenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrophenol	ND	580	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrotoluene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2,6-Dinitrotoluene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2-Chloronaphthalene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2-Chlorophenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270

Client ID: SALEM SB-1 (2-4) Phoenix I.D.: AR67148

Parameter	Result	RL	Units	Date	Time	By	Reference
2-Methylnaphthalene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2-Nitroaniline	ND	580	ug/Kg	05/19/09		KCA	SW 8270
2-Nitrophenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	05/19/09		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	440	ug/Kg	05/19/09		KCA	SW 8270
3-Nitroaniline	ND	580	ug/Kg	05/19/09		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	360	ug/Kg	05/19/09		KCA	SW 8270
4-Chloro-3-methylphenol	ND	440	ug/Kg	05/19/09		KCA	SW 8270
4-Chloroaniline	ND	440	ug/Kg	05/19/09		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	360	ug/Kg	05/19/09		KCA	SW 8270
4-Nitroaniline	ND	580	ug/Kg	05/19/09		KCA	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthylene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Acetophenone	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Aniline	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Anthracene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Azobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Benz(a)anthracene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Benzidine	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Benzo(a)pyrene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Benzo(b)fluoranthene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Benzo(ghi)perylene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Benzo(k)fluoranthene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Benzoic acid	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Benzyl butyl phthalate	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Carbazole	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Chrysene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Dibenz(a,h)anthracene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Dibenzofuran	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Diethyl phthalate	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Dimethylphthalate	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Di-n-butylphthalate	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Di-n-octylphthalate	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Fluoranthene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Fluorene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobutadiene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorocyclopentadiene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Hexachloroethane	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Isophorone	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Naphthalene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Nitrobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	360	ug/Kg	05/19/09		KCA	SW 8270

Client ID: SALEM SB-1 (2-4)

Phoenix I.D.: AR67148

Parameter	Result	RL	Units	Date	Time	By	Reference
N-Nitrosodiphenylamine	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Pentachlorophenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Phenanthrene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Phenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Pyrene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Pyridine	ND	360	ug/Kg	05/19/09		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	101		%	05/19/09		KCA	SW 8270
% 2-Fluorobiphenyl	74		%	05/19/09		KCA	SW 8270
% 2-Fluorophenol	74		%	05/19/09		KCA	SW 8270
% Nitrobenzene-d5	76		%	05/19/09		KCA	SW 8270
% Phenol-d5	83		%	05/19/09		KCA	SW 8270
% Terphenyl-d14	79		%	05/19/09		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	22	mg/Kg	05/20/09		JRB	M8100CT
Identification	ND		mg/Kg	05/20/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	82		%	05/20/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1221	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1232	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1242	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1248	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1254	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1260	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1262	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1268	ND	360	ug/Kg	05/19/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	68		%	05/19/09		MH	SW 8082
% TCMX	74		%	05/19/09		MH	SW 8082

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

Comments:

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		05/18/09	9:50
Location Code:	TRC	Received by:	SW	05/18/09	16:45
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67147
Phoenix I.D.: AR67150

Client ID: SALEM SB-2 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	05/23/09		LK	SW6010
Arsenic	2.0	0.7	mg/Kg	05/23/09		LK	SW6010
Barium	50.4	0.34	mg/Kg	05/23/09		LK	SW6010
Beryllium	0.32	0.27	mg/Kg	05/28/09		LK	SW6010
Cadmium	0.56	0.34	mg/Kg	05/28/09		LK	SW6010
Chromium	13.5	0.34	mg/Kg	05/23/09		LK	SW6010
Copper	18.7	0.34	mg/kg	05/23/09		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	05/19/09		RS	SW-7471
Nickel	6.06	0.34	mg/Kg	05/23/09		LK	SW6010
Lead	51.6	0.34	mg/Kg	05/23/09		LK	SW6010
Antimony	< 3.4	3.4	mg/Kg	05/23/09		LK	SW6010
Selenium	< 1.7	1.7	mg/Kg	05/23/09		LK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/19/09		TH	E1312/SW6010
SPLP Barium	0.061	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/19/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/19/09		TH	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/19/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/19/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/19/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Zinc	0.012	0.010	mg/L	06/19/09		EK	E1312/SW6010
Thallium	< 3.1	3.1	mg/Kg	05/23/09		LK	SW6010
Vanadium	20.9	0.34	mg/Kg	05/23/09		LK	SW6010
Zinc	67.4	0.34	mg/Kg	05/23/09		LK	SW6010

Client ID: SALEM SB-2 (0-2)

Phoenix I.D.: AR67150

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	93		%	05/18/09		M-JL	E160.3
Soil Extraction for PCB	Completed			05/18/09		CB/D	SW3545
Soil Extraction for SVOA	Completed			05/18/09		CS/D	SW3545
Extraction of CT ETPH	Completed			05/18/09		CS/D	3545
Mercury Digestion	Completed			05/19/09		E	SW7471
SPLP Digestion Mercury	Completed			05/19/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
Total Metals Digest	Completed			05/18/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/18/09		TRC	SW5035 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloroethene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloropropene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichloroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichloropropane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,3-Dichloropropane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
2,2-Dichloropropane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
2-Chlorotoluene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
2-Hexanone	ND	25	ug/Kg	05/20/09		H/J	SW8260
2-Isopropyltoluene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
4-Chlorotoluene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
4-Methyl-2-pentanone	ND	25	ug/Kg	05/20/09		H/J	SW8260
Acetone	ND	100	ug/Kg	05/20/09		H/J	SW8260
Acrylonitrile	ND	10	ug/Kg	05/20/09		H/J	SW8260
Benzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Bromobenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Bromochloromethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Bromodichloromethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Bromoform	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Bromomethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Carbon tetrachloride	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Chlorobenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Chloroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Chloroform	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Chloromethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260

Client ID: SALEM SB-2 (0-2) Phoenix I.D.: AR67150

Parameter	Result	RL	Units	Date	Time	By	Reference
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Dibromochloromethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Dibromoethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Dibromomethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Dichlorodifluoromethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Ethylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Hexachlorobutadiene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Isopropylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
m&p-Xylene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Methyl Ethyl Ketone	ND	30	ug/Kg	05/20/09		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	05/20/09		H/J	SW8260
Methylene chloride	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Naphthalene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
n-Butylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
n-Propylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
o-Xylene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
p-Isopropyltoluene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
sec-Butylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Styrene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
tert-Butylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Tetrachloroethene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	05/20/09		H/J	SW8260
Toluene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Total Xylenes	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	05/20/09		H/J	SW8260
Trichloroethene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Trichlorofluoromethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Trichlorotrifluoroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Vinyl chloride	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	05/20/09		H/J	SW8260
% Bromofluorobenzene	88		%	05/20/09		H/J	SW8260
% Dibromofluoromethane	102		%	05/20/09		H/J	SW8260
% Toluene-d8	96		%	05/20/09		H/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
1,2-Dichlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
1,3-Dichlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
1,4-Dichlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4,5-Trichlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4,6-Trichlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dichlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dimethylphenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrotoluene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,6-Dinitrotoluene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2-Chloronaphthalene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2-Chlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270

Client ID: SALEM SB-2 (0-2)

Phoenix I.D.: AR67150

Parameter	Result	RL	Units	Date	Time	By	Reference
2-Methylnaphthalene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2-Nitroaniline	ND	570	ug/Kg	05/19/09		KCA	SW 8270
2-Nitrophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	05/19/09		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	420	ug/Kg	05/19/09		KCA	SW 8270
3-Nitroaniline	ND	570	ug/Kg	05/19/09		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	05/19/09		KCA	SW 8270
4-Chloro-3-methylphenol	ND	420	ug/Kg	05/19/09		KCA	SW 8270
4-Chloroaniline	ND	420	ug/Kg	05/19/09		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	350	ug/Kg	05/19/09		KCA	SW 8270
4-Nitroaniline	ND	570	ug/Kg	05/19/09		KCA	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthylene	390	350	ug/Kg	05/19/09		KCA	SW 8270
Acetophenone	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Aniline	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Anthracene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Azobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Benz(a)anthracene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Benzidine	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Benzo(a)pyrene	400	350	ug/Kg	05/19/09		KCA	SW 8270
Benzo(b)fluoranthene	510	350	ug/Kg	05/19/09		KCA	SW 8270
Benzo(ghi)perylene	540	350	ug/Kg	05/19/09		KCA	SW 8270
Benzo(k)fluoranthene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Benzoic acid	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Benzyl butyl phthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Carbazole	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Chrysene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Dibenz(a,h)anthracene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Dibenzofuran	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Diethyl phthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Dimethylphthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Di-n-butylphthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Di-n-octylphthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Fluoranthene	390	350	ug/Kg	05/19/09		KCA	SW 8270
Fluorene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobutadiene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorocyclopentadiene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Hexachloroethane	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Isophorone	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Naphthalene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Nitrobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	350	ug/Kg	05/19/09		KCA	SW 8270

Client ID: SALEM SB-2 (0-2) Phoenix I.D.: AR67150

Parameter	Result	RL	Units	Date	Time	By	Reference
N-Nitrosodiphenylamine	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Pentachlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Phenanthrene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Phenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Pyrene	460	350	ug/Kg	05/19/09		KCA	SW 8270
Pyridine	ND	350	ug/Kg	05/19/09		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	98		%	05/19/09		KCA	SW 8270
% 2-Fluorobiphenyl	75		%	05/19/09		KCA	SW 8270
% 2-Fluorophenol	76		%	05/19/09		KCA	SW 8270
% Nitrobenzene-d5	78		%	05/19/09		KCA	SW 8270
% Phenol-d5	79		%	05/19/09		KCA	SW 8270
% Terphenyl-d14	76		%	05/19/09		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	21	mg/Kg	05/20/09		JRB	M8100CT
Identification	ND		mg/Kg	05/20/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	80		%	05/20/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1221	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1232	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1242	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1248	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1254	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1260	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1262	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1268	ND	350	ug/Kg	05/19/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	86		%	05/19/09		MH	SW 8082
% TCMX	83		%	05/19/09		MH	SW 8082

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

Comments:

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		05/18/09	11:00
Location Code:	TRC	Received by:	SW	05/18/09	16:45
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67147
Phoenix I.D.: AR67153

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

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	05/23/09		LK	SW6010
Arsenic	10.9	0.7	mg/Kg	05/23/09		LK	SW6010
Barium	58.1	0.34	mg/Kg	05/23/09		LK	SW6010
Beryllium	0.44	0.28	mg/Kg	05/28/09		LK	SW6010
Cadmium	1.32	0.34	mg/Kg	05/28/09		LK	SW6010
Chromium	25.8	0.34	mg/Kg	05/23/09		LK	SW6010
Copper	46.4	0.34	mg/kg	05/23/09		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	05/19/09		RS	SW-7471
Nickel	9.32	0.34	mg/Kg	05/23/09		LK	SW6010
Lead	134	0.34	mg/Kg	05/23/09		LK	SW6010
Antimony	< 3.4	3.4	mg/Kg	05/23/09		LK	SW6010
Selenium	< 1.7	1.7	mg/Kg	05/23/09		LK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/19/09		TH	E1312/SW6010
SPLP Barium	0.049	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/19/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/19/09		TH	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Lead	0.028	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/19/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/19/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/19/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Zinc	0.040	0.010	mg/L	06/19/09		EK	E1312/SW6010
Thallium	< 3.1	3.1	mg/Kg	05/23/09		LK	SW6010
Vanadium	28.0	0.34	mg/Kg	05/23/09		LK	SW6010
Zinc	161	0.34	mg/Kg	05/23/09		LK	SW6010

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

Phoenix I.D.: AR67153

Parameter	Result	RL	Units	Date	Time	By	Reference	
Percent Solid	93		%	05/18/09		M-JL	E160.3	
Soil Extraction for PCB	Completed			05/18/09		CB/D	SW3545	
Soil Extraction for SVOA	Completed			05/18/09		CS/D	SW3545	
Extraction of CT ETPH	Completed			05/18/09		CS/D	3545	
Mercury Digestion	Completed			05/19/09		E	SW7471	
SPLP Digestion Mercury	Completed			05/19/09		E	E1312/SW7470	
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312	
Total Metals Digest	Completed			05/18/09		AG/T	SW846 - 3050	
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005	
Field Extraction	Completed			05/18/09		TRC	SW5035	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,1-Dichloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,1-Dichloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,1-Dichloropropene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2,3-Trichloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dichloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dichloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,3-Dichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,3-Dichloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,4-Dichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
2,2-Dichloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
2-Chlorotoluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
2-Hexanone	ND	25	ug/Kg	05/21/09		R/J	SW8260	
2-Isopropyltoluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
4-Chlorotoluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
4-Methyl-2-pentanone	ND	25	ug/Kg	05/21/09		R/J	SW8260	
Acetone	ND	99	ug/Kg	05/21/09		R/J	SW8260	
Acrylonitrile	ND	9.9	ug/Kg	05/21/09		R/J	SW8260	
Benzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
Bromobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
Bromochloromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
Bromodichloromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
Bromoform	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
Bromomethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
Carbon Disulfide	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
Carbon tetrachloride	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
Chlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
Chloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
Chloroform	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
Chloromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
cis-1,2-Dichloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	

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

Phoenix I.D.: AR67153

Parameter	Result	RL	Units	Date	Time	By	Reference
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Dibromochloromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Dibromoethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Dibromomethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Dichlorodifluoromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Ethylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Hexachlorobutadiene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Isopropylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
m&p-Xylene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Methyl Ethyl Ketone	ND	30	ug/Kg	05/21/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.9	ug/Kg	05/21/09		R/J	SW8260
Methylene chloride	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Naphthalene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
n-Butylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
n-Propylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
o-Xylene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
p-Isopropyltoluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
sec-Butylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Styrene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
tert-Butylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Tetrachloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.9	ug/Kg	05/21/09		R/J	SW8260
Toluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Total Xylenes	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.9	ug/Kg	05/21/09		R/J	SW8260
Trichloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Trichlorofluoromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Trichlorotrifluoroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Vinyl chloride	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	05/21/09		R/J	SW8260
% Bromofluorobenzene	74		%	05/21/09		R/J	SW8260
% Dibromofluoromethane	99		%	05/21/09		R/J	SW8260
% Toluene-d8	86		%	05/21/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
1,2-Dichlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
1,3-Dichlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
1,4-Dichlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4,5-Trichlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4,6-Trichlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dichlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dimethylphenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrotoluene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,6-Dinitrotoluene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2-Chloronaphthalene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2-Chlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270

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

Phoenix I.D.: AR67153

Parameter	Result	RL	Units	Date	Time	By	Reference
2-Methylnaphthalene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2-Nitroaniline	ND	570	ug/Kg	05/19/09		KCA	SW 8270
2-Nitrophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	05/19/09		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	420	ug/Kg	05/19/09		KCA	SW 8270
3-Nitroaniline	ND	570	ug/Kg	05/19/09		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	05/19/09		KCA	SW 8270
4-Chloro-3-methylphenol	ND	420	ug/Kg	05/19/09		KCA	SW 8270
4-Chloroaniline	ND	420	ug/Kg	05/19/09		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	350	ug/Kg	05/19/09		KCA	SW 8270
4-Nitroaniline	ND	570	ug/Kg	05/19/09		KCA	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthylene	770	350	ug/Kg	05/19/09		KCA	SW 8270
Acetophenone	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Aniline	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Anthracene	470	350	ug/Kg	05/19/09		KCA	SW 8270
Azobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Benz(a)anthracene	750	350	ug/Kg	05/19/09		KCA	SW 8270
Benzidine	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Benzo(a)pyrene	960	350	ug/Kg	05/19/09		KCA	SW 8270
Benzo(b)fluoranthene	1400	350	ug/Kg	05/19/09		KCA	SW 8270
Benzo(ghi)perylene	1000	350	ug/Kg	05/19/09		KCA	SW 8270
Benzo(k)fluoranthene	390	350	ug/Kg	05/19/09		KCA	SW 8270
Benzoic acid	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Benzyl butyl phthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Carbazole	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Chrysene	1100	350	ug/Kg	05/19/09		KCA	SW 8270
Dibenz(a,h)anthracene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Dibenzofuran	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Diethyl phthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Dimethylphthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Di-n-butylphthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Di-n-octylphthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Fluoranthene	1800	350	ug/Kg	05/19/09		KCA	SW 8270
Fluorene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobutadiene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorocyclopentadiene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Hexachloroethane	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	720	350	ug/Kg	05/19/09		KCA	SW 8270
Isophorone	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Naphthalene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Nitrobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	350	ug/Kg	05/19/09		KCA	SW 8270

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

Phoenix I.D.: AR67153

Parameter	Result	RL	Units	Date	Time	By	Reference
N-Nitrosodiphenylamine	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Pentachlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Phenanthrene	830	350	ug/Kg	05/19/09		KCA	SW 8270
Phenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Pyrene	1900	350	ug/Kg	05/19/09		KCA	SW 8270
Pyridine	ND	350	ug/Kg	05/19/09		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	98		%	05/19/09		KCA	SW 8270
% 2-Fluorobiphenyl	74		%	05/19/09		KCA	SW 8270
% 2-Fluorophenol	80		%	05/19/09		KCA	SW 8270
% Nitrobenzene-d5	82		%	05/19/09		KCA	SW 8270
% Phenol-d5	78		%	05/19/09		KCA	SW 8270
% Terphenyl-d14	76		%	05/19/09		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	350	21	mg/Kg	05/20/09		JRB	M8100CT
Identification	**		mg/Kg	05/20/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Diluted Out		%	05/20/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1221	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1232	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1242	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1248	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1254	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1260	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1262	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1268	ND	350	ug/Kg	05/19/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	90		%	05/19/09		MH	SW 8082
% TCMX	90		%	05/19/09		MH	SW 8082

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

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C19 to C36 range. The sample was quantitated against a C9-C36 standard.

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		05/18/09	11:35
Location Code:	TRC	Received by:	SW	05/18/09	16:45
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67147
Phoenix I.D.: AR67156

Client ID: SALEM SB-4 (4-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	05/23/09		LK	SW6010
Arsenic	1.6	0.7	mg/Kg	05/23/09		LK	SW6010
Barium	36.1	0.37	mg/Kg	05/23/09		LK	SW6010
Beryllium	< 0.30	0.30	mg/Kg	05/23/09		EK	SW6010
Cadmium	< 0.37	0.37	mg/Kg	05/23/09		EK	SW6010
Chromium	15.0	0.37	mg/Kg	05/23/09		LK	SW6010
Copper	17.1	0.37	mg/kg	05/23/09		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	05/19/09		RS	SW-7471
Nickel	6.10	0.37	mg/Kg	05/23/09		LK	SW6010
Lead	62.9	0.37	mg/Kg	05/23/09		LK	SW6010
Antimony	< 3.7	3.7	mg/Kg	05/23/09		LK	SW6010
Selenium	< 1.8	1.8	mg/Kg	05/23/09		LK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/19/09		TH	E1312/SW6010
SPLP Barium	0.016	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/19/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/19/09		TH	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Copper	0.025	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Lead	0.028	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/19/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/19/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/19/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/19/09		TH	E1312/SW6010
SPLP Zinc	0.016	0.010	mg/L	06/19/09		EK	E1312/SW6010
Thallium	< 3.3	3.3	mg/Kg	05/23/09		LK	SW6010
Vanadium	22.1	0.37	mg/Kg	05/23/09		LK	SW6010
Zinc	41.0	0.37	mg/Kg	05/23/09		LK	SW6010

Client ID: SALEM SB-4 (4-5)

Phoenix I.D.: AR67156

Parameter	Result	RL	Units	Date	Time	By	Reference	
Percent Solid	94		%	05/18/09		M-JL	E160.3	
Soil Extraction for PCB	Completed			05/18/09		CB/D	SW3545	
Soil Extraction for SVOA	Completed			05/18/09		CS/D	SW3545	
Extraction of CT ETPH	Completed			05/18/09		CS/D	3545	
Mercury Digestion	Completed			05/19/09		E	SW7471	
SPLP PCB Extraction	Completed			05/19/09		O/O	SW3510/3520	
SPLP Digestion Mercury	Completed			05/19/09		E	E1312/SW7470	
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312	
SPLP Extraction for Organics	Completed			05/18/09		E	EPA1312	
SPLP Semivolatiles (SIM) Ext.	Completed			05/19/09		O/K	SW3510/3520	
Total Metals Digest	Completed			05/18/09		AG/T	SW846 - 3050	
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005	
Field Extraction	Completed			05/18/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1221	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1232	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1242	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1248	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1254	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1260	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1262	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1268	ND	0.5	ug/L	05/21/09		KCA	SW8082	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	<30		%	05/21/09		KCA	SW8082	
%TCMX (Surrogate Rec)	83		%	05/21/09		KCA	SW8082	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,1,1-Trichloroethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,1,2-Trichloroethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,1-Dichloroethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,1-Dichloroethene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,1-Dichloropropene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,2,3-Trichlorobenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,2,3-Trichloropropane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,2,4-Trichlorobenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,2,4-Trimethylbenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,2-Dichlorobenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,2-Dichloroethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,2-Dichloropropane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,3,5-Trimethylbenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,3-Dichlorobenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,3-Dichloropropane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
1,4-Dichlorobenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
2,2-Dichloropropane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
2-Chlorotoluene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	
2-Hexanone	ND	20	ug/Kg	05/20/09		H/J	SW8260	
2-Isopropyltoluene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260	

Client ID: SALEM SB-4 (4-5)

Phoenix I.D.: AR67156

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Chlorotoluene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
4-Methyl-2-pentanone	ND	20	ug/Kg	05/20/09		H/J	SW8260
Acetone	ND	82	ug/Kg	05/20/09		H/J	SW8260
Acrylonitrile	ND	8.2	ug/Kg	05/20/09		H/J	SW8260
Benzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Bromobenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Bromochloromethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Bromodichloromethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Bromoform	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Bromomethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Carbon Disulfide	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Carbon tetrachloride	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Chlorobenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Chloroethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Chloroform	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Chloromethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
cis-1,2-Dichloroethene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
cis-1,3-Dichloropropene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Dibromochloromethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Dibromoethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Dibromomethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Dichlorodifluoromethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Ethylbenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Hexachlorobutadiene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Isopropylbenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
m&p-Xylene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Methyl Ethyl Ketone	ND	24	ug/Kg	05/20/09		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	8.2	ug/Kg	05/20/09		H/J	SW8260
Methylene chloride	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Naphthalene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
n-Butylbenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
n-Propylbenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
o-Xylene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
p-Isopropyltoluene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
sec-Butylbenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Styrene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
tert-Butylbenzene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Tetrachloroethene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Tetrahydrofuran (THF)	ND	8.2	ug/Kg	05/20/09		H/J	SW8260
Toluene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Total Xylenes	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
trans-1,2-Dichloroethene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
trans-1,3-Dichloropropene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	8.2	ug/Kg	05/20/09		H/J	SW8260
Trichloroethene	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Trichlorofluoromethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Trichlorotrifluoroethane	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
Vinyl chloride	ND	4.1	ug/Kg	05/20/09		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	05/20/09		H/J	SW8260
% Bromofluorobenzene	87		%	05/20/09		H/J	SW8260
% Dibromofluoromethane	104		%	05/20/09		H/J	SW8260

Client ID: SALEM SB-4 (4-5)

Phoenix I.D.: AR67156

Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	99		%	05/20/09		H/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
1,2-Dichlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
1,3-Dichlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
1,4-Dichlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4,5-Trichlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4,6-Trichlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dichlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dimethylphenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrophenol	ND	560	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrotoluene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2,6-Dinitrotoluene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2-Chloronaphthalene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2-Chlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2-Methylnaphthalene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	350	ug/Kg	05/19/09		KCA	SW 8270
2-Nitroaniline	ND	560	ug/Kg	05/19/09		KCA	SW 8270
2-Nitrophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	05/19/09		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	420	ug/Kg	05/19/09		KCA	SW 8270
3-Nitroaniline	ND	560	ug/Kg	05/19/09		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	05/19/09		KCA	SW 8270
4-Chloro-3-methylphenol	ND	420	ug/Kg	05/19/09		KCA	SW 8270
4-Chloroaniline	ND	420	ug/Kg	05/19/09		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	350	ug/Kg	05/19/09		KCA	SW 8270
4-Nitroaniline	ND	560	ug/Kg	05/19/09		KCA	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthylene	2600	350	ug/Kg	05/19/09		KCA	SW 8270
Acetophenone	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Aniline	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Anthracene	1300	350	ug/Kg	05/19/09		KCA	SW 8270
Azobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Benz(a)anthracene	2400	350	ug/Kg	05/19/09		KCA	SW 8270
Benzidine	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Benzo(a)pyrene	3200	350	ug/Kg	05/19/09		KCA	SW 8270
Benzo(b)fluoranthene	4400	350	ug/Kg	05/19/09		KCA	SW 8270
Benzo(ghi)perylene	3200	350	ug/Kg	05/19/09		KCA	SW 8270
Benzo(k)fluoranthene	1300	350	ug/Kg	05/19/09		KCA	SW 8270
Benzoic acid	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Benzyl butyl phthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Carbazole	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Chrysene	3500	350	ug/Kg	05/19/09		KCA	SW 8270
Dibenz(a,h)anthracene	750	350	ug/Kg	05/19/09		KCA	SW 8270

Client ID: SALEM SB-4 (4-5) Phoenix I.D.: AR67156

Parameter	Result	RL	Units	Date	Time	By	Reference
Dibenzofuran	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Diethyl phthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Dimethylphthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Di-n-butylphthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Di-n-octylphthalate	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Fluoranthene	5200	350	ug/Kg	05/19/09		KCA	SW 8270
Fluorene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobutadiene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorocyclopentadiene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Hexachloroethane	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	2500	350	ug/Kg	05/19/09		KCA	SW 8270
Isophorone	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Naphthalene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Nitrobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	350	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Pentachlorophenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Phenanthrene	1600	350	ug/Kg	05/19/09		KCA	SW 8270
Phenol	ND	350	ug/Kg	05/19/09		KCA	SW 8270
Pyrene	6100	350	ug/Kg	05/19/09		KCA	SW 8270
Pyridine	ND	350	ug/Kg	05/19/09		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	98		%	05/19/09		KCA	SW 8270
% 2-Fluorobiphenyl	70		%	05/19/09		KCA	SW 8270
% 2-Fluorophenol	74		%	05/19/09		KCA	SW 8270
% Nitrobenzene-d5	76		%	05/19/09		KCA	SW 8270
% Phenol-d5	74		%	05/19/09		KCA	SW 8270
% Terphenyl-d14	73		%	05/19/09		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	1100	21	mg/Kg	05/20/09		JRB	M8100CT
Identification	**		mg/Kg	05/20/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Diluted Out		%	05/20/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1221	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1232	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1242	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1248	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1254	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1260	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1262	ND	350	ug/Kg	05/19/09		MH	SW 8082
PCB-1268	ND	350	ug/Kg	05/19/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	73		%	05/19/09		MH	SW 8082
% TCMX	84		%	05/19/09		MH	SW 8082

Client ID: SALEM SB-4 (4-5)

Phoenix I.D.: AR67156

Parameter	Result	RL	Units	Date	Time	By	Reference
SPLP Semivolatiles by SIM							
2-Methylnaphthalene	ND	10	ug/L	05/21/09		HM	8270(SIM)
Acenaphthene	ND	10	ug/L	05/21/09		HM	8270(SIM)
Acenaphthylene	ND	0.3	ug/L	05/21/09		HM	8270(SIM)
Anthracene	ND	10	ug/L	05/21/09		HM	8270(SIM)
Benz(a)anthracene	0.06	0.06	ug/L	05/21/09		HM	8270(SIM)
Benzo(a)pyrene	ND	0.2	ug/L	05/21/09		HM	8270(SIM)
Benzo(b)fluoranthene	0.11	0.08	ug/L	05/21/09		HM	8270(SIM)
Benzo(ghi)perylene	ND	10	ug/L	05/21/09		HM	8270(SIM)
Benzo(k)fluoranthene	ND	0.3	ug/L	05/21/09		HM	8270(SIM)
Chrysene	ND	4.8	ug/L	05/21/09		HM	8270(SIM)
Dibenz(a,h)anthracene	ND	0.2	ug/L	05/21/09		HM	8270(SIM)
Fluoranthene	ND	10	ug/L	05/21/09		HM	8270(SIM)
Fluorene	ND	10	ug/L	05/21/09		HM	8270(SIM)
Indeno(1,2,3-cd)pyrene	ND	0.2	ug/L	05/21/09		HM	8270(SIM)
Naphthalene	ND	10	ug/L	05/21/09		HM	8270(SIM)
Phenanthrene	ND	0.3	ug/L	05/21/09		HM	8270(SIM)
Pyrene	ND	10	ug/L	05/21/09		HM	8270(SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	58		%	05/21/09		HM	8270(SIM)
% Nitrobenzene-d5	30		%	05/21/09		HM	8270(SIM)
% Terphenyl-d14	61		%	05/21/09		HM	8270(SIM)

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

Comments:

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

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		05/18/09	12:00
Location Code:	TRC	Received by:	SW	05/18/09	16:45
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67147
Phoenix I.D.: AR67158

Client ID: SALEM SB-5 (4-5)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	05/23/09		LK	SW6010
Arsenic	1.7	0.7	mg/Kg	05/23/09		LK	SW6010
Barium	63.0	0.36	mg/Kg	05/23/09		LK	SW6010
Beryllium	0.32	0.29	mg/Kg	05/28/09		LK	SW6010
Cadmium	0.55	0.36	mg/Kg	05/28/09		LK	SW6010
Chromium	12.9	0.36	mg/Kg	05/23/09		LK	SW6010
Copper	21.0	0.36	mg/kg	05/23/09		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	05/19/09		RS	SW-7471
Nickel	7.23	0.36	mg/Kg	05/23/09		LK	SW6010
Lead	124	0.36	mg/Kg	05/23/09		LK	SW6010
Antimony	< 3.6	3.6	mg/Kg	05/23/09		LK	SW6010
Selenium	< 1.8	1.8	mg/Kg	05/23/09		LK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/20/09		TH	E1312/SW6010
SPLP Barium	0.184	0.010	mg/L	06/20/09		TH	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/20/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	0.034	0.015	mg/L	06/20/09		TH	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/20/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.2	3.2	mg/Kg	05/23/09		LK	SW6010
Vanadium	20.1	0.36	mg/Kg	05/23/09		LK	SW6010
Zinc	120	0.36	mg/Kg	05/23/09		LK	SW6010

Client ID: SALEM SB-5 (4-5)

Phoenix I.D.: AR67158

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	05/18/09		M-JL	E160.3
Soil Extraction for PCB	Completed			05/18/09		CB/D	SW3545
Soil Extraction for SVOA	Completed			05/18/09		CS/D	SW3545
Extraction of CT ETPH	Completed			05/18/09		CS/D	3545
Mercury Digestion	Completed			05/19/09		E	SW7471
SPLP PCB Extraction	Completed			05/19/09		O/O	SW3510/3520
SPLP Digestion Mercury	Completed			05/19/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
SPLP Extraction for Organics	Completed			05/18/09		E	EPA1312
SPLP Semivolatiles (SIM) Ext.	Completed			05/19/09		O/K	SW3510/3520
Total Metals Digest	Completed			05/18/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/18/09		TRC	SW5035 1
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1221	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1232	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1242	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1248	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1254	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1260	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1262	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1268	ND	0.5	ug/L	05/21/09		KCA	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	47		%	05/21/09		KCA	SW8082
%TCMX (Surrogate Rec)	84		%	05/21/09		KCA	SW8082
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,2,3-Trichloropropane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
2-Hexanone	ND	27	ug/Kg	05/20/09		H/J	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260

Client ID: SALEM SB-5 (4-5)

Phoenix I.D.: AR67158

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Chlorotoluene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	05/20/09		H/J	SW8260
Acetone	ND	110	ug/Kg	05/20/09		H/J	SW8260
Acrylonitrile	ND	10	ug/Kg	05/20/09		H/J	SW8260
Benzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Bromobenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Bromochloromethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Bromoform	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Bromomethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Chlorobenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Chloroethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Chloroform	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Chloromethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Methyl Ethyl Ketone	ND	32	ug/Kg	05/20/09		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	05/20/09		H/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Naphthalene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
o-Xylene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Styrene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	05/20/09		H/J	SW8260
Toluene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	05/20/09		H/J	SW8260
Trichloroethene	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	05/20/09		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/20/09		H/J	SW8260
% Bromofluorobenzene	85		%	05/20/09		H/J	SW8260
% Dibromofluoromethane	105		%	05/20/09		H/J	SW8260

Client ID: SALEM SB-5 (4-5)

Phoenix I.D.: AR67158

Parameter	Result	RL	Units	Date	Time	By	Reference
% Toluene-d8	97		%	05/20/09		H/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
1,2-Dichlorobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
1,3-Dichlorobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
1,4-Dichlorobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2,4,5-Trichlorophenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2,4,6-Trichlorophenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dichlorophenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dimethylphenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrophenol	ND	580	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrotoluene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2,6-Dinitrotoluene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2-Chloronaphthalene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2-Chlorophenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2-Methylnaphthalene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	360	ug/Kg	05/19/09		KCA	SW 8270
2-Nitroaniline	ND	580	ug/Kg	05/19/09		KCA	SW 8270
2-Nitrophenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	05/19/09		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	440	ug/Kg	05/19/09		KCA	SW 8270
3-Nitroaniline	ND	580	ug/Kg	05/19/09		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	360	ug/Kg	05/19/09		KCA	SW 8270
4-Chloro-3-methylphenol	ND	440	ug/Kg	05/19/09		KCA	SW 8270
4-Chloroaniline	ND	440	ug/Kg	05/19/09		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	360	ug/Kg	05/19/09		KCA	SW 8270
4-Nitroaniline	ND	580	ug/Kg	05/19/09		KCA	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthylene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Acetophenone	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Aniline	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Anthracene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Azobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Benz(a)anthracene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Benzidine	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Benzo(a)pyrene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Benzo(b)fluoranthene	430	360	ug/Kg	05/19/09		KCA	SW 8270
Benzo(ghi)perylene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Benzo(k)fluoranthene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Benzoic acid	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Benzyl butyl phthalate	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Carbazole	ND	1000	ug/Kg	05/19/09		KCA	SW 8270
Chrysene	370	360	ug/Kg	05/19/09		KCA	SW 8270
Dibenz(a,h)anthracene	ND	360	ug/Kg	05/19/09		KCA	SW 8270

Client ID: SALEM SB-5 (4-5)

Phoenix I.D.: AR67158

Parameter	Result	RL	Units	Date	Time	By	Reference
Dibenzofuran	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Diethyl phthalate	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Dimethylphthalate	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Di-n-butylphthalate	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Di-n-octylphthalate	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Fluoranthene	550	360	ug/Kg	05/19/09		KCA	SW 8270
Fluorene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobutadiene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorocyclopentadiene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Hexachloroethane	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Isophorone	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Naphthalene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Nitrobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	360	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Pentachlorophenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Phenanthrene	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Phenol	ND	360	ug/Kg	05/19/09		KCA	SW 8270
Pyrene	610	360	ug/Kg	05/19/09		KCA	SW 8270
Pyridine	ND	360	ug/Kg	05/19/09		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	107		%	05/19/09		KCA	SW 8270
% 2-Fluorobiphenyl	68		%	05/19/09		KCA	SW 8270
% 2-Fluorophenol	82		%	05/19/09		KCA	SW 8270
% Nitrobenzene-d5	78		%	05/19/09		KCA	SW 8270
% Phenol-d5	78		%	05/19/09		KCA	SW 8270
% Terphenyl-d14	80		%	05/19/09		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	340	22	mg/Kg	05/20/09		JRB	M8100CT
Identification	**		mg/Kg	05/20/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Diluted Out		%	05/20/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1221	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1232	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1242	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1248	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1254	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1260	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1262	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1268	ND	370	ug/Kg	05/19/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	83		%	05/19/09		MH	SW 8082
% TCMX	83		%	05/19/09		MH	SW 8082

Client ID: SALEM SB-5 (4-5)

Phoenix I.D.: AR67158

Parameter	Result	RL	Units	Date	Time	By	Reference
SPLP Semivolatiles by SIM							
2-Methylnaphthalene	ND	10	ug/L	05/21/09		HM	8270(SIM)
Acenaphthene	ND	10	ug/L	05/21/09		HM	8270(SIM)
Acenaphthylene	ND	0.3	ug/L	05/21/09		HM	8270(SIM)
Anthracene	ND	10	ug/L	05/21/09		HM	8270(SIM)
Benz(a)anthracene	ND	0.06	ug/L	05/21/09		HM	8270(SIM)
Benzo(a)pyrene	ND	0.2	ug/L	05/21/09		HM	8270(SIM)
Benzo(b)fluoranthene	ND	0.08	ug/L	05/21/09		HM	8270(SIM)
Benzo(ghi)perylene	ND	10	ug/L	05/21/09		HM	8270(SIM)
Benzo(k)fluoranthene	ND	0.3	ug/L	05/21/09		HM	8270(SIM)
Chrysene	ND	4.8	ug/L	05/21/09		HM	8270(SIM)
Dibenz(a,h)anthracene	ND	0.2	ug/L	05/21/09		HM	8270(SIM)
Fluoranthene	ND	10	ug/L	05/21/09		HM	8270(SIM)
Fluorene	ND	10	ug/L	05/21/09		HM	8270(SIM)
Indeno(1,2,3-cd)pyrene	ND	0.2	ug/L	05/21/09		HM	8270(SIM)
Naphthalene	ND	10	ug/L	05/21/09		HM	8270(SIM)
Phenanthrene	ND	0.3	ug/L	05/21/09		HM	8270(SIM)
Pyrene	ND	10	ug/L	05/21/09		HM	8270(SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	69		%	05/21/09		HM	8270(SIM)
% Nitrobenzene-d5	61		%	05/21/09		HM	8270(SIM)
% Terphenyl-d14	69		%	05/21/09		HM	8270(SIM)

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

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards,
but contains a distribution in the C19 to C36 range. The sample was quantitated against a C9-C36 standard.

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		05/18/09	12:45
Location Code:	TRC	Received by:	SW	05/18/09	16:45
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67147
Phoenix I.D.: AR67159

Client ID: SALEM SB-6 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.33	0.33	mg/Kg	05/23/09		LK	SW6010
Arsenic	2.0	0.7	mg/Kg	05/23/09		LK	SW6010
Barium	55.2	0.33	mg/Kg	05/23/09		LK	SW6010
Beryllium	0.30	0.27	mg/Kg	05/28/09		LK	SW6010
Cadmium	< 0.33	0.33	mg/Kg	05/23/09		EK	SW6010
Chromium	14.2	0.33	mg/Kg	05/23/09		LK	SW6010
Copper	15.0	0.33	mg/kg	05/23/09		EK	SW6010
Mercury	< 0.07	0.07	mg/Kg	05/19/09		RS	SW-7471
Nickel	6.72	0.33	mg/Kg	05/23/09		LK	SW6010
Lead	6.99	0.33	mg/Kg	05/23/09		EK	SW6010
Antimony	< 3.3	3.3	mg/Kg	05/23/09		LK	SW6010
Selenium	< 1.7	1.7	mg/Kg	05/23/09		EK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/20/09		TH	E1312/SW6010
SPLP Barium	0.197	0.010	mg/L	06/20/09		TH	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/20/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	06/20/09		TH	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/20/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.0	3.0	mg/Kg	05/23/09		LK	SW6010
Vanadium	25.9	0.33	mg/Kg	05/23/09		LK	SW6010
Zinc	31.8	0.33	mg/Kg	05/23/09		LK	SW6010

Client ID: SALEM SB-6 (0-2) Phoenix I.D.: AR67159

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	96		%	05/18/09		M-JL	E160.3
Soil Extraction for PCB	Completed			05/18/09		CB/D	SW3545
Soil Extraction for SVOA	Completed			05/18/09		CS/D	SW3545
Extraction of CT ETPH	Completed			05/18/09		CS/D	3545
Mercury Digestion	Completed			05/19/09		E	SW7471
SPLP Digestion Mercury	Completed			05/19/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
Total Metals Digest	Completed			05/18/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/18/09		TRC	SW5035 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloroethene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
2-Hexanone	ND	28	ug/Kg	05/20/09		H/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	05/20/09		H/J	SW8260
Acetone	ND	110	ug/Kg	05/20/09		H/J	SW8260
Acrylonitrile	ND	10	ug/Kg	05/20/09		H/J	SW8260
Benzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Bromoform	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Bromomethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Carbon Disulfide	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Chloroethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Chloroform	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Chloromethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260

Client ID: SALEM SB-6 (0-2) Phoenix I.D.: AR67159

Parameter	Result	RL	Units	Date	Time	By	Reference
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Dibromochloromethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Dibromoethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	05/20/09		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	05/20/09		H/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Naphthalene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
o-Xylene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Styrene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	05/20/09		H/J	SW8260
Toluene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	05/20/09		H/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	05/20/09		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/20/09		H/J	SW8260
% Bromofluorobenzene	84		%	05/20/09		H/J	SW8260
% Dibromofluoromethane	101		%	05/20/09		H/J	SW8260
% Toluene-d8	96		%	05/20/09		H/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
1,2-Dichlorobenzene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
1,3-Dichlorobenzene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
1,4-Dichlorobenzene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
2,4,5-Trichlorophenol	ND	340	ug/Kg	05/19/09		KCA	SW 8270
2,4,6-Trichlorophenol	ND	340	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dichlorophenol	ND	340	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dimethylphenol	ND	340	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrophenol	ND	540	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrotoluene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
2,6-Dinitrotoluene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
2-Chloronaphthalene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
2-Chlorophenol	ND	340	ug/Kg	05/19/09		KCA	SW 8270

Client ID: SALEM SB-6 (0-2) Phoenix I.D.: AR67159

Parameter	Result	RL	Units	Date	Time	By	Reference
2-Methylnaphthalene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	340	ug/Kg	05/19/09		KCA	SW 8270
2-Nitroaniline	ND	540	ug/Kg	05/19/09		KCA	SW 8270
2-Nitrophenol	ND	340	ug/Kg	05/19/09		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	05/19/09		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	410	ug/Kg	05/19/09		KCA	SW 8270
3-Nitroaniline	ND	540	ug/Kg	05/19/09		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	980	ug/Kg	05/19/09		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	340	ug/Kg	05/19/09		KCA	SW 8270
4-Chloro-3-methylphenol	ND	410	ug/Kg	05/19/09		KCA	SW 8270
4-Chloroaniline	ND	410	ug/Kg	05/19/09		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	340	ug/Kg	05/19/09		KCA	SW 8270
4-Nitroaniline	ND	540	ug/Kg	05/19/09		KCA	SW 8270
4-Nitrophenol	ND	980	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthylene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Acetophenone	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Aniline	ND	980	ug/Kg	05/19/09		KCA	SW 8270
Anthracene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Azobenzene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Benz(a)anthracene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Benzidine	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Benzo(a)pyrene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Benzo(b)fluoranthene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Benzo(ghi)perylene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Benzo(k)fluoranthene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Benzoic acid	ND	980	ug/Kg	05/19/09		KCA	SW 8270
Benzyl butyl phthalate	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Carbazole	ND	980	ug/Kg	05/19/09		KCA	SW 8270
Chrysene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Dibenz(a,h)anthracene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Dibenzofuran	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Diethyl phthalate	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Dimethylphthalate	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Di-n-butylphthalate	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Di-n-octylphthalate	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Fluoranthene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Fluorene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobenzene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobutadiene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorocyclopentadiene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Hexachloroethane	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Isophorone	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Naphthalene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Nitrobenzene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodimethylamine	ND	340	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	340	ug/Kg	05/19/09		KCA	SW 8270

Client ID: SALEM SB-6 (0-2) Phoenix I.D.: AR67159

Parameter	Result	RL	Units	Date	Time	By	Reference
N-Nitrosodiphenylamine	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Pentachloronitrobenzene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Pentachlorophenol	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Phenanthrene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Phenol	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Pyrene	ND	340	ug/Kg	05/19/09		KCA	SW 8270
Pyridine	ND	340	ug/Kg	05/19/09		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	108		%	05/19/09		KCA	SW 8270
% 2-Fluorobiphenyl	80		%	05/19/09		KCA	SW 8270
% 2-Fluorophenol	82		%	05/19/09		KCA	SW 8270
% Nitrobenzene-d5	79		%	05/19/09		KCA	SW 8270
% Phenol-d5	81		%	05/19/09		KCA	SW 8270
% Terphenyl-d14	84		%	05/19/09		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	05/20/09		JRB	M8100CT
Identification	ND		mg/Kg	05/20/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	67		%	05/20/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	05/19/09		MH	SW 8082
PCB-1221	ND	340	ug/Kg	05/19/09		MH	SW 8082
PCB-1232	ND	340	ug/Kg	05/19/09		MH	SW 8082
PCB-1242	ND	340	ug/Kg	05/19/09		MH	SW 8082
PCB-1248	ND	340	ug/Kg	05/19/09		MH	SW 8082
PCB-1254	ND	340	ug/Kg	05/19/09		MH	SW 8082
PCB-1260	ND	340	ug/Kg	05/19/09		MH	SW 8082
PCB-1262	ND	340	ug/Kg	05/19/09		MH	SW 8082
PCB-1268	ND	340	ug/Kg	05/19/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	105		%	05/19/09		MH	SW 8082
% TCMX	87		%	05/19/09		MH	SW 8082

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

Comments:

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		05/18/09	13:45
Location Code:	TRC	Received by:	SW	05/18/09	16:45
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67147
Phoenix I.D.: AR67163

Client ID: SALEM SB-7 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	05/20/09		EK	SW6010
Arsenic	1.8	0.8	mg/Kg	05/20/09		EK	SW6010
Barium	35.7	0.38	mg/Kg	05/20/09		EK	SW6010
Beryllium	< 0.31	0.31	mg/Kg	05/20/09		EK	SW6010
Cadmium	< 0.38	0.38	mg/Kg	05/20/09		EK	SW6010
Chromium	5.70	0.38	mg/Kg	05/20/09		EK	SW6010
Copper	8.57	0.38	mg/kg	05/20/09		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	05/19/09		RS	SW-7471
Nickel	3.33	0.38	mg/Kg	05/20/09		EK	SW6010
Lead	36.9	0.38	mg/Kg	05/20/09		EK	SW6010
Antimony	< 3.8	3.8	mg/Kg	05/20/09		EK	SW6010
Selenium	< 1.9	1.9	mg/Kg	05/20/09		EK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/20/09		TH	E1312/SW6010
SPLP Barium	0.162	0.010	mg/L	06/20/09		TH	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/20/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	06/20/09		TH	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/20/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.5	3.5	mg/Kg	05/20/09		EK	SW6010
Vanadium	8.00	0.38	mg/Kg	05/20/09		EK	SW6010
Zinc	47.6	0.38	mg/Kg	05/20/09		EK	SW6010

Client ID: SALEM SB-7 (2-4) Phoenix I.D.: AR67163

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	89		%	05/18/09		M-JL	E160.3
Soil Extraction for PCB	Completed			05/18/09		CB/D	SW3545
Soil Extraction for SVOA	Completed			05/18/09		CS/D	SW3545
Extraction of CT ETPH	Completed			05/18/09		CS/D	3545
Mercury Digestion	Completed			05/19/09		E	SW7471
SPLP PCB Extraction	Completed			05/19/09		O/O	SW3510/3520
SPLP Digestion Mercury	Completed			05/19/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
SPLP Extraction for Organics	Completed			05/18/09		E	EPA1312
Total Metals Digest	Completed			05/18/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/18/09		TRC	SW5035 1
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1221	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1232	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1242	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1248	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1254	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1260	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1262	ND	0.5	ug/L	05/21/09		KCA	SW8082
PCB-1268	ND	0.5	ug/L	05/21/09		KCA	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	50		%	05/21/09		KCA	SW8082
%TCMX (Surrogate Rec)	98		%	05/21/09		KCA	SW8082
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloroethene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,1-Dichloropropene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichloroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,2-Dichloropropane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,3-Dichloropropane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
2,2-Dichloropropane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
2-Chlorotoluene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
2-Hexanone	ND	25	ug/Kg	05/20/09		H/J	SW8260
2-Isopropyltoluene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
4-Chlorotoluene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260

Client ID: SALEM SB-7 (2-4)

Phoenix I.D.: AR67163

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	25	ug/Kg	05/20/09		H/J	SW8260
Acetone	ND	100	ug/Kg	05/20/09		H/J	SW8260
Acrylonitrile	ND	10	ug/Kg	05/20/09		H/J	SW8260
Benzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Bromobenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Bromochloromethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Bromodichloromethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Bromoform	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Bromomethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Carbon Disulfide	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Carbon tetrachloride	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Chlorobenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Chloroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Chloroform	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Chloromethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Dibromochloromethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Dibromoethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Dibromomethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Dichlorodifluoromethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Ethylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Hexachlorobutadiene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Isopropylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
m&p-Xylene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Methyl Ethyl Ketone	ND	30	ug/Kg	05/20/09		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	05/20/09		H/J	SW8260
Methylene chloride	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Naphthalene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
n-Butylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
n-Propylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
o-Xylene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
p-Isopropyltoluene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
sec-Butylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Styrene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
tert-Butylbenzene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Tetrachloroethene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Tetrahydrofuran (THF)	ND	10	ug/Kg	05/20/09		H/J	SW8260
Toluene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Total Xylenes	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	05/20/09		H/J	SW8260
Trichloroethene	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Trichlorofluoromethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Trichlorotrifluoroethane	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
Vinyl chloride	ND	5.0	ug/Kg	05/20/09		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	05/20/09		H/J	SW8260
% Bromofluorobenzene	85		%	05/20/09		H/J	SW8260
% Dibromofluoromethane	103		%	05/20/09		H/J	SW8260
% Toluene-d8	95		%	05/20/09		H/J	SW8260

Client ID: SALEM SB-7 (2-4)

Phoenix I.D.: AR67163

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
1,2-Dichlorobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
1,3-Dichlorobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
1,4-Dichlorobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2,4,5-Trichlorophenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2,4,6-Trichlorophenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dichlorophenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dimethylphenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrophenol	ND	1200	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrotoluene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2,6-Dinitrotoluene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2-Chloronaphthalene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2-Chlorophenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2-Methylnaphthalene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2-Nitroaniline	ND	1200	ug/Kg	05/19/09		KCA	SW 8270
2-Nitrophenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	750	ug/Kg	05/19/09		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	900	ug/Kg	05/19/09		KCA	SW 8270
3-Nitroaniline	ND	1200	ug/Kg	05/19/09		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	2200	ug/Kg	05/19/09		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	750	ug/Kg	05/19/09		KCA	SW 8270
4-Chloro-3-methylphenol	ND	900	ug/Kg	05/19/09		KCA	SW 8270
4-Chloroaniline	ND	900	ug/Kg	05/19/09		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	750	ug/Kg	05/19/09		KCA	SW 8270
4-Nitroaniline	ND	1200	ug/Kg	05/19/09		KCA	SW 8270
4-Nitrophenol	ND	2200	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthylene	5700	750	ug/Kg	05/19/09		KCA	SW 8270
Acetophenone	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Aniline	ND	2200	ug/Kg	05/19/09		KCA	SW 8270
Anthracene	4700	750	ug/Kg	05/19/09		KCA	SW 8270
Azobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Benz(a)anthracene	20000	750	ug/Kg	05/19/09		KCA	SW 8270
Benzidine	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Benzo(a)pyrene	17000	750	ug/Kg	05/19/09		KCA	SW 8270
Benzo(b)fluoranthene	20000	750	ug/Kg	05/19/09		KCA	SW 8270
Benzo(ghi)perylene	8600	750	ug/Kg	05/19/09		KCA	SW 8270
Benzo(k)fluoranthene	5700	750	ug/Kg	05/19/09		KCA	SW 8270
Benzoic acid	ND	2200	ug/Kg	05/19/09		KCA	SW 8270
Benzyl butyl phthalate	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Carbazole	ND	2200	ug/Kg	05/19/09		KCA	SW 8270
Chrysene	21000	750	ug/Kg	05/19/09		KCA	SW 8270
Dibenz(a,h)anthracene	2800	750	ug/Kg	05/19/09		KCA	SW 8270
Dibenzofuran	ND	750	ug/Kg	05/19/09		KCA	SW 8270

Client ID: SALEM SB-7 (2-4) Phoenix I.D.: AR67163

Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Dimethylphthalate	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Di-n-butylphthalate	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Di-n-octylphthalate	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Fluoranthene	40000	750	ug/Kg	05/19/09		KCA	SW 8270
Fluorene	2500	750	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobutadiene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorocyclopentadiene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Hexachloroethane	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	7600	750	ug/Kg	05/19/09		KCA	SW 8270
Isophorone	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Naphthalene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Nitrobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodimethylamine	ND	750	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	750	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodiphenylamine	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Pentachloronitrobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Pentachlorophenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Phenanthrene	31000	750	ug/Kg	05/19/09		KCA	SW 8270
Phenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Pyrene	42000	750	ug/Kg	05/19/09		KCA	SW 8270
Pyridine	ND	750	ug/Kg	05/19/09		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	67		%	05/19/09		KCA	SW 8270
% 2-Fluorobiphenyl	45		%	05/19/09		KCA	SW 8270
% 2-Fluorophenol	47		%	05/19/09		KCA	SW 8270
% Nitrobenzene-d5	51		%	05/19/09		KCA	SW 8270
% Phenol-d5	49		%	05/19/09		KCA	SW 8270
% Terphenyl-d14	51		%	05/19/09		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	720	22	mg/Kg	05/20/09		JRB	M8100CT
Identification	**		mg/Kg	05/20/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Diluted Out		%	05/20/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1221	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1232	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1242	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1248	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1254	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1260	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1262	ND	360	ug/Kg	05/19/09		MH	SW 8082
PCB-1268	ND	360	ug/Kg	05/19/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	59		%	05/19/09		MH	SW 8082
% TCMX	85		%	05/19/09		MH	SW 8082

Client ID: SALEM SB-7 (2-4) Phoenix I.D.: AR67163

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C16 to C36 range. The sample was quantitated against a C9-C36 standard.

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		05/18/09	14:30
Location Code:	TRC	Received by:	SW	05/18/09	16:45
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67147
Phoenix I.D.: AR67165

Client ID: SALEM SB-8 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.33	0.33	mg/Kg	05/20/09		EK	SW6010
Arsenic	2.5	0.7	mg/Kg	05/20/09		EK	SW6010
Barium	33.1	0.33	mg/Kg	05/20/09		EK	SW6010
Beryllium	< 0.27	0.27	mg/Kg	05/20/09		EK	SW6010
Cadmium	< 0.33	0.33	mg/Kg	05/20/09		EK	SW6010
Chromium	3.77	0.33	mg/Kg	05/20/09		EK	SW6010
Copper	9.41	0.33	mg/kg	05/20/09		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	05/20/09		RS	SW-7471
Nickel	2.91	0.33	mg/Kg	05/20/09		EK	SW6010
Lead	97.3	0.33	mg/Kg	05/20/09		EK	SW6010
Antimony	< 3.3	3.3	mg/Kg	05/20/09		EK	SW6010
Selenium	< 1.7	1.7	mg/Kg	05/20/09		EK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	0.004	0.004	mg/L	06/20/09		TH	E1312/SW6010
SPLP Barium	0.098	0.010	mg/L	06/20/09		TH	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/20/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	0.013	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	0.015	0.015	mg/L	06/20/09		TH	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/20/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	0.045	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.0	3.0	mg/Kg	05/20/09		EK	SW6010
Vanadium	7.09	0.33	mg/Kg	05/20/09		EK	SW6010
Zinc	174	0.33	mg/Kg	05/20/09		EK	SW6010

Client ID: SALEM SB-8 (2-4) Phoenix I.D.: AR67165

Parameter	Result	RL	Units	Date	Time	By	Reference	
Percent Solid	88		%	05/18/09		M-JL	E160.3	
Soil Extraction for PCB	Completed			05/18/09		CB/D	SW3545	
Soil Extraction for SVOA	Completed			05/18/09		CS/D	SW3545	
Extraction of CT ETPH	Completed			05/18/09		CS/D	3545	
Mercury Digestion	Completed			05/20/09		E	SW7471	
SPLP PCB Extraction	Completed			05/19/09		O/O	SW3510/3520	
SPLP Digestion Mercury	Completed			05/19/09		E	E1312/SW7470	
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312	
SPLP Extraction for Organics	Completed			05/18/09		E	EPA1312	
Total Metals Digest	Completed			05/18/09		AG/T	SW846 - 3050	
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005	
Field Extraction	Completed			05/18/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1221	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1232	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1242	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1248	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1254	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1260	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1262	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1268	ND	0.5	ug/L	05/21/09		KCA	SW8082	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	<30		%	05/21/09		KCA	SW8082	
%TCMX (Surrogate Rec)	81		%	05/21/09		KCA	SW8082	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,1-Dichloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,1-Dichloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,1-Dichloropropene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2,3-Trichloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dichloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dichloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,3-Dichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,3-Dichloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
1,4-Dichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
2,2-Dichloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
2-Chlorotoluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
2-Hexanone	ND	25	ug/Kg	05/21/09		R/J	SW8260	
2-Isopropyltoluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	
4-Chlorotoluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260	

Client ID: SALEM SB-8 (2-4)

Phoenix I.D.: AR67165

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	25	ug/Kg	05/21/09		R/J	SW8260
Acetone	ND	99	ug/Kg	05/21/09		R/J	SW8260
Acrylonitrile	ND	9.9	ug/Kg	05/21/09		R/J	SW8260
Benzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Bromobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Bromochloromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Bromodichloromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Bromoform	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Bromomethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Carbon Disulfide	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Carbon tetrachloride	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Chlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Chloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Chloroform	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Chloromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Dibromochloromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Dibromoethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Dibromomethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Dichlorodifluoromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Ethylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Hexachlorobutadiene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Isopropylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
m&p-Xylene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Methyl Ethyl Ketone	ND	30	ug/Kg	05/21/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.9	ug/Kg	05/21/09		R/J	SW8260
Methylene chloride	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Naphthalene	12	4.9	ug/Kg	05/21/09		R/J	SW8260
n-Butylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
n-Propylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
o-Xylene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
p-Isopropyltoluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
sec-Butylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Styrene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
tert-Butylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Tetrachloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.9	ug/Kg	05/21/09		R/J	SW8260
Toluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Total Xylenes	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.9	ug/Kg	05/21/09		R/J	SW8260
Trichloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Trichlorofluoromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Trichlorotrifluoroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Vinyl chloride	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	05/21/09		R/J	SW8260
% Bromofluorobenzene	84		%	05/21/09		R/J	SW8260
% Dibromofluoromethane	100		%	05/21/09		R/J	SW8260
% Toluene-d8	92		%	05/21/09		R/J	SW8260

Client ID: SALEM SB-8 (2-4)

Phoenix I.D.: AR67165

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
1,2-Dichlorobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
1,3-Dichlorobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
1,4-Dichlorobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2,4,5-Trichlorophenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2,4,6-Trichlorophenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dichlorophenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dimethylphenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrophenol	ND	1200	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrotoluene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2,6-Dinitrotoluene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2-Chloronaphthalene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2-Chlorophenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2-Methylnaphthalene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	750	ug/Kg	05/19/09		KCA	SW 8270
2-Nitroaniline	ND	1200	ug/Kg	05/19/09		KCA	SW 8270
2-Nitrophenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	750	ug/Kg	05/19/09		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	900	ug/Kg	05/19/09		KCA	SW 8270
3-Nitroaniline	ND	1200	ug/Kg	05/19/09		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	2200	ug/Kg	05/19/09		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	750	ug/Kg	05/19/09		KCA	SW 8270
4-Chloro-3-methylphenol	ND	900	ug/Kg	05/19/09		KCA	SW 8270
4-Chloroaniline	ND	900	ug/Kg	05/19/09		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	750	ug/Kg	05/19/09		KCA	SW 8270
4-Nitroaniline	ND	1200	ug/Kg	05/19/09		KCA	SW 8270
4-Nitrophenol	ND	2200	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthene	1300	750	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthylene	10000	750	ug/Kg	05/19/09		KCA	SW 8270
Acetophenone	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Aniline	ND	2200	ug/Kg	05/19/09		KCA	SW 8270
Anthracene	11000	750	ug/Kg	05/19/09		KCA	SW 8270
Azobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Benz(a)anthracene	36000	750	ug/Kg	05/19/09		KCA	SW 8270
Benzidine	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Benzo(a)pyrene	29000	750	ug/Kg	05/19/09		KCA	SW 8270
Benzo(b)fluoranthene	33000	750	ug/Kg	05/19/09		KCA	SW 8270
Benzo(ghi)perylene	13000	750	ug/Kg	05/19/09		KCA	SW 8270
Benzo(k)fluoranthene	7600	750	ug/Kg	05/19/09		KCA	SW 8270
Benzoic acid	ND	2200	ug/Kg	05/19/09		KCA	SW 8270
Benzyl butyl phthalate	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Carbazole	ND	2200	ug/Kg	05/19/09		KCA	SW 8270
Chrysene	36000	750	ug/Kg	05/19/09		KCA	SW 8270
Dibenz(a,h)anthracene	5000	750	ug/Kg	05/19/09		KCA	SW 8270
Dibenzofuran	850	750	ug/Kg	05/19/09		KCA	SW 8270

Client ID: SALEM SB-8 (2-4) Phoenix I.D.: AR67165

Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Dimethylphthalate	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Di-n-butylphthalate	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Di-n-octylphthalate	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Fluoranthene	59000	750	ug/Kg	05/19/09		KCA	SW 8270
Fluorene	4500	750	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobutadiene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorocyclopentadiene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Hexachloroethane	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	12000	750	ug/Kg	05/19/09		KCA	SW 8270
Isophorone	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Naphthalene	770	750	ug/Kg	05/19/09		KCA	SW 8270
Nitrobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodimethylamine	ND	750	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	750	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodiphenylamine	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Pentachloronitrobenzene	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Pentachlorophenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Phenanthrene	43000	750	ug/Kg	05/19/09		KCA	SW 8270
Phenol	ND	750	ug/Kg	05/19/09		KCA	SW 8270
Pyrene	75000	750	ug/Kg	05/19/09		KCA	SW 8270
Pyridine	ND	750	ug/Kg	05/19/09		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	86		%	05/19/09		KCA	SW 8270
% 2-Fluorobiphenyl	50		%	05/19/09		KCA	SW 8270
% 2-Fluorophenol	57		%	05/19/09		KCA	SW 8270
% Nitrobenzene-d5	49		%	05/19/09		KCA	SW 8270
% Phenol-d5	55		%	05/19/09		KCA	SW 8270
% Terphenyl-d14	61		%	05/19/09		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	2500	23	mg/Kg	05/20/09		JRB	M8100CT
Identification	**		mg/Kg	05/20/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Diluted Out		%	05/20/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1221	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1232	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1242	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1248	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1254	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1260	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1262	ND	370	ug/Kg	05/19/09		MH	SW 8082
PCB-1268	ND	370	ug/Kg	05/19/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	77		%	05/19/09		MH	SW 8082
% TCMX	76		%	05/19/09		MH	SW 8082

Client ID: SALEM SB-8 (2-4)

Phoenix I.D.: AR67165

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

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

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOLID	Collected by:		05/18/09	15:10
Location Code:	TRC	Received by:	SW	05/18/09	16:45
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

SDG I.D.: GAR67147
Phoenix I.D.: AR67168

Laboratory Data

Client ID: SALEM SB-9 (2-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.47	0.47	mg/Kg	05/20/09		EK	SW6010
Arsenic	1.8	0.9	mg/Kg	05/20/09		EK	SW6010
Barium	41.2	0.47	mg/Kg	05/20/09		EK	SW6010
Beryllium	< 0.38	0.38	mg/Kg	05/20/09		EK	SW6010
Cadmium	< 0.47	0.47	mg/Kg	05/20/09		EK	SW6010
Chromium	4.07	0.47	mg/Kg	05/20/09		EK	SW6010
Copper	3.24	0.47	mg/kg	05/20/09		EK	SW6010
Mercury	0.23	0.1	mg/Kg	05/20/09		RS	SW-7471
Nickel	2.69	0.47	mg/Kg	05/20/09		EK	SW6010
Lead	4.53	0.47	mg/Kg	05/20/09		EK	SW6010
Antimony	< 4.7	4.7	mg/Kg	05/20/09		EK	SW6010
Selenium	< 2.3	2.3	mg/Kg	05/20/09		EK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	0.007	0.004	mg/L	06/20/09		TH	E1312/SW6010
SPLP Barium	0.096	0.010	mg/L	06/20/09		TH	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/20/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	0.015	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	0.071	0.015	mg/L	06/20/09		TH	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/20/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	0.079	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 4.2	4.2	mg/Kg	05/20/09		EK	SW6010
Vanadium	4.65	0.47	mg/Kg	05/20/09		EK	SW6010
Zinc	15.4	0.47	mg/Kg	05/20/09		EK	SW6010

Client ID: SALEM SB-9 (2-3) Phoenix I.D.: AR67168

Parameter	Result	RL	Units	Date	Time	By	Reference	
Percent Solid	73		%	05/18/09		M-JL	E160.3	
Soil Extraction for PCB	Completed			05/18/09		CB/D	SW3545	
Soil Extraction for SVOA	Completed			05/18/09		CS/D	SW3545	
Extraction of CT ETPH	Completed			05/18/09		CS/D	3545	
Mercury Digestion	Completed			05/20/09		E	SW7471	
SPLP PCB Extraction	Completed			05/19/09		O/O	SW3510/3520	
SPLP Digestion Mercury	Completed			05/19/09		E	E1312/SW7470	
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312	
SPLP Extraction for Organics	Completed			05/18/09		E	EPA1312	
Total Metals Digest	Completed			05/18/09		AG/T	SW846 - 3050	
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005	
Field Extraction	Completed			05/18/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1221	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1232	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1242	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1248	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1254	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1260	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1262	ND	0.5	ug/L	05/21/09		KCA	SW8082	
PCB-1268	ND	0.5	ug/L	05/21/09		KCA	SW8082	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	55		%	05/21/09		KCA	SW8082	
%TCMX (Surrogate Rec)	80		%	05/21/09		KCA	SW8082	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,1,1-Trichloroethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,1,2-Trichloroethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,1-Dichloroethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,1-Dichloroethene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,1-Dichloropropene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,2,3-Trichloropropane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,2-Dichlorobenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,2-Dichloroethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,2-Dichloropropane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,3-Dichlorobenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,3-Dichloropropane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
1,4-Dichlorobenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
2,2-Dichloropropane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
2-Chlorotoluene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
2-Hexanone	ND	28	ug/Kg	05/20/09		H/J	SW8260	
2-Isopropyltoluene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	
4-Chlorotoluene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260	

Client ID: SALEM SB-9 (2-3)

Phoenix I.D.: AR67168

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	28	ug/Kg	05/20/09		H/J	SW8260
Acetone	ND	110	ug/Kg	05/20/09		H/J	SW8260
Acrylonitrile	ND	10	ug/Kg	05/20/09		H/J	SW8260
Benzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Bromobenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Bromochloromethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Bromodichloromethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Bromoform	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Bromomethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Carbon Disulfide	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Carbon tetrachloride	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Chlorobenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Chloroethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Chloroform	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Chloromethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Dibromochloromethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Dibromoethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Dibromomethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Dichlorodifluoromethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Ethylbenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Hexachlorobutadiene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Isopropylbenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
m&p-Xylene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Methyl Ethyl Ketone	ND	34	ug/Kg	05/20/09		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	05/20/09		H/J	SW8260
Methylene chloride	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Naphthalene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
n-Butylbenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
n-Propylbenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
o-Xylene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
p-Isopropyltoluene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
sec-Butylbenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Styrene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
tert-Butylbenzene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Tetrachloroethene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	05/20/09		H/J	SW8260
Toluene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Total Xylenes	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	05/20/09		H/J	SW8260
Trichloroethene	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Trichlorofluoromethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Trichlorotrifluoroethane	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
Vinyl chloride	ND	5.7	ug/Kg	05/20/09		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/20/09		H/J	SW8260
% Bromofluorobenzene	84		%	05/20/09		H/J	SW8260
% Dibromofluoromethane	100		%	05/20/09		H/J	SW8260
% Toluene-d8	95		%	05/20/09		H/J	SW8260

Client ID: SALEM SB-9 (2-3)

Phoenix I.D.: AR67168

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
1,2,4-Trichlorobenzene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
1,2-Dichlorobenzene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
1,3-Dichlorobenzene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
1,4-Dichlorobenzene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
2,4,5-Trichlorophenol	ND	450	ug/Kg	05/19/09		KCA	SW 8270
2,4,6-Trichlorophenol	ND	450	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dichlorophenol	ND	450	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dimethylphenol	ND	450	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrophenol	ND	720	ug/Kg	05/19/09		KCA	SW 8270
2,4-Dinitrotoluene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
2,6-Dinitrotoluene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
2-Chloronaphthalene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
2-Chlorophenol	ND	450	ug/Kg	05/19/09		KCA	SW 8270
2-Methylnaphthalene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
2-Methylphenol (o-cresol)	ND	450	ug/Kg	05/19/09		KCA	SW 8270
2-Nitroaniline	ND	720	ug/Kg	05/19/09		KCA	SW 8270
2-Nitrophenol	ND	450	ug/Kg	05/19/09		KCA	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	450	ug/Kg	05/19/09		KCA	SW 8270
3,3'-Dichlorobenzidine	ND	540	ug/Kg	05/19/09		KCA	SW 8270
3-Nitroaniline	ND	720	ug/Kg	05/19/09		KCA	SW 8270
4,6-Dinitro-2-methylphenol	ND	1300	ug/Kg	05/19/09		KCA	SW 8270
4-Bromophenyl phenyl ether	ND	450	ug/Kg	05/19/09		KCA	SW 8270
4-Chloro-3-methylphenol	ND	540	ug/Kg	05/19/09		KCA	SW 8270
4-Chloroaniline	ND	540	ug/Kg	05/19/09		KCA	SW 8270
4-Chlorophenyl phenyl ether	ND	450	ug/Kg	05/19/09		KCA	SW 8270
4-Nitroaniline	ND	720	ug/Kg	05/19/09		KCA	SW 8270
4-Nitrophenol	ND	1300	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Acenaphthylene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Acetophenone	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Aniline	ND	1300	ug/Kg	05/19/09		KCA	SW 8270
Anthracene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Azobenzene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Benz(a)anthracene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Benzidine	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Benzo(a)pyrene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Benzo(b)fluoranthene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Benzo(ghi)perylene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Benzo(k)fluoranthene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Benzoic acid	ND	1300	ug/Kg	05/19/09		KCA	SW 8270
Benzyl butyl phthalate	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethoxy)methane	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroethyl)ether	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-chloroisopropyl)ether	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Bis(2-ethylhexyl)phthalate	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Carbazole	ND	1300	ug/Kg	05/19/09		KCA	SW 8270
Chrysene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Dibenz(a,h)anthracene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Dibenzofuran	ND	450	ug/Kg	05/19/09		KCA	SW 8270

Client ID: SALEM SB-9 (2-3) Phoenix I.D.: AR67168

Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Dimethylphthalate	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Di-n-butylphthalate	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Di-n-octylphthalate	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Fluoranthene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Fluorene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobenzene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorobutadiene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Hexachlorocyclopentadiene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Hexachloroethane	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Indeno(1,2,3-cd)pyrene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Isophorone	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Naphthalene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Nitrobenzene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodimethylamine	ND	450	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodi-n-propylamine	ND	450	ug/Kg	05/19/09		KCA	SW 8270
N-Nitrosodiphenylamine	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Pentachloronitrobenzene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Pentachlorophenol	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Phenanthrene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Phenol	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Pyrene	ND	450	ug/Kg	05/19/09		KCA	SW 8270
Pyridine	ND	450	ug/Kg	05/19/09		KCA	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	102		%	05/19/09		KCA	SW 8270
% 2-Fluorobiphenyl	70		%	05/19/09		KCA	SW 8270
% 2-Fluorophenol	74		%	05/19/09		KCA	SW 8270
% Nitrobenzene-d5	75		%	05/19/09		KCA	SW 8270
% Phenol-d5	78		%	05/19/09		KCA	SW 8270
% Terphenyl-d14	78		%	05/19/09		KCA	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	14	mg/Kg	05/20/09		JRB	M8100CT
Identification	ND		mg/Kg	05/20/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	77		%	05/20/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	450	ug/Kg	05/19/09		MH	SW 8082
PCB-1221	ND	450	ug/Kg	05/19/09		MH	SW 8082
PCB-1232	ND	450	ug/Kg	05/19/09		MH	SW 8082
PCB-1242	ND	450	ug/Kg	05/19/09		MH	SW 8082
PCB-1248	ND	450	ug/Kg	05/19/09		MH	SW 8082
PCB-1254	ND	450	ug/Kg	05/19/09		MH	SW 8082
PCB-1260	ND	450	ug/Kg	05/19/09		MH	SW 8082
PCB-1262	ND	450	ug/Kg	05/19/09		MH	SW 8082
PCB-1268	ND	450	ug/Kg	05/19/09		MH	SW 8082
QA/QC Surrogates							
% DCBP	76		%	05/19/09		MH	SW 8082
% TCMX	80		%	05/19/09		MH	SW 8082

Client ID: SALEM SB-9 (2-3) Phoenix I.D.: AR67168

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
June 22, 2009

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

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

Project Location: SALEM **Project Number:**

Laboratory Sample ID(s): AR67147, AR67148, AR67149, AR67150, AR67151, AR67152, AR67153, AR67154, AR67155, AR67156, AR67157, AR67158, AR67159, AR67160, AR67161, AR67162, AR67163, AR67164, AR67165, AR67166, AR67167, AR67168

Sampling Date(s): 5/18/2009

RCP Methods Used:

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

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

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

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

Authorized Signature: Greg Lawrence

Date: Monday, June 22, 2009

Printed Name: Greg Lawrence

Position: Project Manager

Nov 2007

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

June 22, 2009

SDG I.D.: GAR67147

For sample ID SB-1(5-7) several of the volatile organic constituents did not meet the requested criteria due to the concentration of other target compounds.

The following samples had one or more internal standard areas outside 50 - 200% of the continuing calibration areas:

AR67153 (SB-3 (1-2)) CHEM11-5/20/2009-VOA-1 (0520M70.rr) 1,4-Dichlorobenzene-d4 44%

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

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

For SPLP 8270 only the PAH constituents are reported as requested on the chain-of-custody.

ETPH Narration

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

The discrimination check standard did not meet criteria for the beginning alkanes. The ETPH detected in the samples was above this range, so no significant analytical bias is suspected

Instrument: Au-fid1 05/20/09-1 (AR67148, AR67150, AR67153, AR67156, AR67158, AR67163, AR67165)

Initial Calibration (AUFID-1-041609) - The initial calibration curve had a %RSD less than 30%, which is within method criteria.

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

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: There were no outliers.

Printed Name Jeff Bucko
Position: Chemist
Date: 5/20/2009

Instrument: Au-xl1 05/20/09-1 (AR67159, AR67168)

Initial Calibration (AUXL1-042409) - The initial calibration curve had a %RSD less than 30%, which is within method criteria.

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 continaed the following outliers:C9, C10, C12

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June 22, 2009

SDG I.D.: GAR67147

Printed Name Jeff Bucko
Position: Chemist
Date: 5/20/2009

QC (Site Specific)

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

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

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

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

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

QC (Batch Specific)

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

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

Mercury Narration

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

Instrument: Merlin 05/19/09-1 (AR67148, AR67150, AR67153, AR67156, AR67158, AR67159, AR67163)

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: 5/19/2009

Instrument: Merlin 05/20/09-1 (AR67165, AR67168)

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.

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RCP Certification Report

June 22, 2009

SDG I.D.: GAR67147

Printed Name Rick Schweitzer
Position: Chemist
Date: 5/20/2009

Instrument: Merlin 06/11/09-1 (AR67148, AR67150, AR67153, AR67156, AR67158, AR67159, AR67163, AR67165, AR67168)

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

Printed Name Rick Schweitzer
Position: Chemist
Date: 6/11/2009

QC (Site Specific)

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

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

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

All MSD recoveries were within 80 - 120 with the following exceptions: None.
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

ICP Narration

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

Instrument: Icp7 05/20/09-1 (AR67159)

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: 5/20/2009

Instrument: Icp7 05/23/09-1 (AR67148, AR67150, AR67153, AR67156, AR67158, AR67159)

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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RCP Certification Report

June 22, 2009

SDG I.D.: GAR67147

The continuing calibration blanks were less than the reporting level for the elements reported.
The ICSA and ICSAB were analyzed at the beginning and end of the run and were within criteria.

Printed Name Laura Kinnin
Position: Chemist
Date: 5/23/2009

Instrument: Icp7 05/27/09-1 (AR67148, AR67150, AR67153, AR67158, AR67159)

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

Printed Name Laura Kinnin
Position: Chemist
Date: 5/27/2009

Instrument: Icp7 06/19/09-1 (AR67148, AR67150, AR67153, AR67156, AR67158, AR67159, AR67163, AR67165, AR67168)

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 Tina Hall
Position: Chemist
Date: 6/19/2009

Instrument: Icp9 05/20/09-1 (AR67163, AR67165, AR67168)

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: 5/20/2009

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RCP Certification Report

June 22, 2009

SDG I.D.: GAR67147

QC (Site Specific)

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

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

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

All MSD recoveries were within 75 - 125 with the following exceptions: Arsenic, Selenium

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

QC (Batch Specific)

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

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

PAHSIM Narration

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

QC Comments: QC Batch 27523 05/19/09 (AR67156, AR67158)

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

QC (Site Specific)

All LCS recoveries were within 20 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2-Nitroaniline, 2-Nitrophenol, 3&4-Methylphenol (m&p-cresol), 4,6-Dinitro-2-methylphenol, 4-Chloroaniline, 4-Nitrophenol, Hexachlorocyclopentadiene, N-Nitrosodimethylamine, Pyridine

All LCSD recoveries were within 20 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2-Methylphenol (o-cresol), 2-Nitroaniline, 3&4-Methylphenol (m&p-cresol), 4-Nitrophenol, Hexachlorocyclopentadiene

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

PCB Narration

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

Instrument: Au-ecd4 05/20/09-1 (AR67168)

8082 Narration:

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 5/20/2009

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RCP Certification Report

June 22, 2009

SDG I.D.: GAR67147

Instrument: Au-ecd5 05/19/09-1 (AR67148, AR67150, AR67153, AR67156, AR67158, AR67159, AR67163, AR67165, AR67168)

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: 5/19/2009

Instrument: Au-ecd5 05/20/09-1 (AR67156, AR67158, AR67163, AR67165, AR67168)

8082 Narration:

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 5/20/2009

QC Comments: QC Batch 27532 05/19/09 (AR67156, AR67158, AR67163, AR67165, AR67168)

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

QC (Site Specific)

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

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

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

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

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

QC (Batch Specific)

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

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

SVOA Narration

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

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RCP Certification Report

June 22, 2009

SDG I.D.: GAR67147

Instrument: Chem09 05/19/09-1 (AR67148, AR67150, AR67153, AR67156, AR67158, AR67159, AR67163, AR67165, AR67168)

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

Initial Calibration (Chem09/SV_0515):
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: 4-chloroaniline, Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 2-nitroaniline, Pentachlorophenol

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 5/19/2009

Instrument: Chem09 05/20/09-1 (AR67156, AR67163, AR67165)

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

Initial Calibration (Chem09/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: Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 2-nitroaniline, Pentachlorophenol

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 5/20/2009

Instrument: Chem09 05/22/09-1 (AR67156, AR67158)

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

Initial Calibration (Chem09/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: Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 2-nitroaniline, Pentachlorophenol

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

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RCP Certification Report

June 22, 2009

SDG I.D.: GAR67147

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:

Printed Name Harry Mullin
Position: Chemist
Date: 5/22/2009

QC Comments: QC Batch 27523 05/19/09 (AR67156, AR67158)

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

QC (Site Specific)

All LCS recoveries were within 20 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2-Nitroaniline, 2-Nitrophenol, 3&4-Methylphenol (m&p-cresol), 3-Nitroaniline, 4,6-Dinitro-2-methylphenol, 4-Chloroaniline, 4-Nitrophenol, Hexachlorocyclopentadiene, N-Nitrosodimethylamine, Pyridine

All LCSD recoveries were within 20 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2-Methylphenol (o-cresol), 2-Nitroaniline, 3&4-Methylphenol (m&p-cresol), 3-Nitroaniline, 4-Chloroaniline, 4-Nitrophenol, Hexachlorocyclopentadiene

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

All MSD recoveries were within 30 - 130 with the following exceptions: None.
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

SVOASIM Narration

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

Instrument: Chem04 05/21/09-1 (AR67156, AR67158)

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_0429):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Pentachlorophenol

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

Continuing Calibration:
Greater than 80% of target compounds met continuing calibraion criteria with a %D <20. The following compunds had >20% difference from the initial calibration: Indeno (1,2,3-cd) pyrene

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.

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

June 22, 2009

SDG I.D.: GAR67147

Printed Name Harry Mullin
Position: Chemist
Date: 5/21/2009

QC Comments: QC Batch 27523 05/19/09 (AR67156, AR67158)

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

QC (Site Specific)

All LCS recoveries were within 20 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2-Nitroaniline, 2-Nitrophenol, 3&4-Methylphenol (m&p-cresol), 4,6-Dinitro-2-methylphenol, 4-Chloroaniline, 4-Nitrophenol, Hexachlorocyclopentadiene, N-Nitrosodimethylamine, Pyridine

All LCSD recoveries were within 20 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2-Methylphenol (o-cresol), 2-Nitroaniline, 3&4-Methylphenol (m&p-cresol), 4-Nitrophenol, Hexachlorocyclopentadiene

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

VOA Narration

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

For sample ID SB-3(1-2) one of the internal standards was below the lower limit. All of the surrogate compounds are within criteria. Therefore, no significant analytical bias is suspected.

Instrument: Chem01 05/19/09-2 (AR67156, AR67158, AR67159, AR67163, AR67168)

Initial Calibration Verification (CHEM01/RCP_051309):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: 2-hexanone

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

Printed Name Johanna Harrington
Position: Chemist
Date: 5/19/2009

Instrument: Chem11 05/18/09-4 (AR67148, AR67150)

Initial Calibration Verification (CHEM11/RCP_051809):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: Acetone.

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

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

RCP Certification Report

June 22, 2009

SDG I.D.: GAR67147

Printed Name Johanna Harrington
Position: Chemist
Date: 5/18/2009

Instrument: Chem11 05/20/09-1 (AR67153, AR67165)

Initial Calibration Verification (CHEM11/RCP_051809):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: Acetone.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: Acrolein, Acetone

Printed Name Johanna Harrington
Position: Chemist
Date: 5/20/2009

Instrument: Chem11 05/20/09-2 (AR67153, AR67165)

Initial Calibration Verification (CHEM11/RCP_051809):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: Acetone.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: Acrolein

Printed Name Johanna Harrington
Position: Chemist
Date: 5/20/2009

QC (Batch Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: 2-Hexanone, Acetone, Methyl ethyl ketone

All LCSD recoveries were within 70 - 130 with the following exceptions: 2-Hexanone, Acetone, Bromomethane, Methyl ethyl ketone

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 6°C Pg 1 of 2

Data Delivery:
☐ Fax #:
☐ Email:

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

Project: Salem
Report to: TRC
Invoice to: TRC

Project P.O: 12444
Phone #: 860-298-6226
Fax #: 860-298-6399

Client Sample - Information - Identification

Sampler's Signature [signature] Date 5/18/09

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC's	SVOC's	ETPH	CT RSR 15 Metals*	CT RSR 15 metals*	SPLP PAH's	SPLP PCB's	PCB's	Soil VOA [ ] Methanol [ ] S. Bisulfate (2) H20	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml (4) As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
67147	FB051809	Aq	5/18/09	0815	X	X	X	X				X				2	4			1		
67148	SB-1(2-4)	S		0905	X	X	X	X	X				X	X								
67149	SB-1(5-7)	S		0910	X	X	X	X	X	X	X		X	X								
67150	SB-2(0-2)	S		0950	X	X	X	X	X	X	X		X	X								
67151	SB-2(2-4)	S		0955	X	X	X	X	X	X	X		X	X								
67152	TW-1	W		1015	X	X	X	X								2	4			1		
67153	SB-3(1-2)	S		1100	X	X	X	X	X				X	X								
67154	SB-3(4-5)	S		1105	X	X	X	X	X	X	X		X	X								
67155	SB-4(1-2)	S		1130	X	X	X	X	X				X	X								
67156	SB-4(4-5)	S		1135	X	X	X	X	X	X	X		X	X								
67157	SB-5(0-2)	S		1155	X	X	X	X	X	no			X	X								
67158	SB-5(4-5)	S		1200	X	X	X	X	X	X	X		X	X								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-18-09	15:40
[signature]	[signature]	5-18-09	16:45

Comments, Special Requirements or Regulations:

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

* SURCHARGE APPLIES

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

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

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

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

State where samples were collected: CT

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 6°C Pg 2 of 2

Data Delivery:
☒ Fax #: 860-298-6399
☒ Email: mmahoney@trc.solutions.com

Customer: TRC
Address: 21 Griffin Road N
Windsor CT. 06095

Project: Salem
Report to: TRC
Invoice to: TRC

Project P.O: 124441
Phone #: 860-298-6226
Fax #: 860-298-6399

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 5/18/09

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	CT RSR IS Metals X	SALP CT RSR IS Metals X	SALP PPH IS PCBs	Soil VOA [✓] Methanol [ ] S. Bisulfate [✓] H20	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [✓] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 1500ml [ ] 1000ml	PL H2SO4 [ ] 1250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
607159	SB-6(0-2)	S	5/18/09	1245	X	X	X	X				X	X								
607160	SB-6(2-4)	S	5/18/09	1250						X	X	X	X								
607161	SB+TW-2	W		1310					(14)							4		1			
607162	SB-7(0-2)	S		1340								X	X								
607163	SB-7(2-4)	S		1345						X		X	X								
607164	SB-8(0-2)	S		1420								X	X								
607165	SB-8(2-4)	S		1430						X		X	X								
607166	TW-3	W		1435								(4) X				4		1			
607167	SB-9(0-2)	S		1505								X	X								
607168	SB-9(2-3)	S		1510						X		X	X								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-18-09	15:40
[signature]	[signature]	5-18-09	16:45

Comments, Special Requirements or Regulations:

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

* SURCHARGE APPLIES

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

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

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

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

State where samples were collected: CT

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 6°C Pg 1 of 2

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

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

Project: Salem
Report to: TRC
Invoice to: TRC

Project P.O: 12444
Phone #: 860-298-6226
Fax #: 860-298-6399

Client Sample - Information - Identification

Sampler's Signature: [signature] Date 5/18/09

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

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC's	SVOC's	ETPH	CT RSR 15 Metals*	CT RSR 15 metals*	SPLP PAHs	SPLP PCBs	PCBs	Soil VOA [ ] Methanol [ ] S. Bisulfate [2] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [2] HCl	GL Amber 1000ml [4] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
67147	FB051809	Aq	5/18/09	0815	X	X	X	X				X				2	4		1			
67148	SB-1(2-4)	S		0905	X	X	X	X	X				X	X								
67149	SB-1(5-7)	S		0910	X	X	X	X	X	X	X		X	X								
67150	SB-2(0-2)	S		0950	X	X	X	X	X	X	X		X	X								
67151	SB-2(2-4)	S		0955	X	X	X	X	X	X	X		X	X								
67152	TW-1	W		1015	X	X	X	X								2	4		1			
67153	SB-3(1-2)	S		1100	X	X	X	X	X				X	X								
67154	SB-3(4-5)	S		1105	X	X	X	X	X	X	X		X	X								
67155	SB-4(1-2)	S		1130	X	X	X	X	X				X	X								
67156	SB-4(4-5)	S		1135	X	X	X	X	X	X	X		X	X								
67157	SB-5(0-2)	S		1155	X	X	X	X	X	X			X	X								
67158	SB-5(4-5)	S		1200	X	X	X	X	X	X	X		X	X								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-18-09	15:40
[signature]	[signature]	5-18-09	15:45

Comments, Special Requirements or Regulations:
* Hold For future SPLP metals analysis per chris @ TRC. For metals only run Total. 5-19-09 (SW)

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

* SURCHARGE APPLIES

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

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

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

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

State where samples were collected: CT

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 6°C Pg 2 of 2

Data Delivery:
[X] Fax #: 860-298-6399
[X] Email: mmahoney@trcsolutions.com

Customer: TRC
Address: 21 Griffin Road N
Windsor CT. 06095

Project: Salem
Report to: TRC
Invoice to: TRC

Project P.O: 12444
Phone #: 860-298-6226
Fax #: 860-298-6399

Client Sample - Information - Identification

Sampler's Signature [signature] Date 5/18/09

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

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs	SVOCs	ETPH	PCBs	CT RSR15 Metals *	SPLP CT RSR-15 metals *	SPLP PAH's	SPLP PCBs					Soil VOA [1] Methanol [ ] S. Bisulfate [2] H20	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL-Amber 1000ml [✓] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
67159	SB-6(0-2)	S	5/18/09	1245	X	X	X	X									X	X								
67160	SB-6(2-4)	S	5/18/09	1250							X	X					X	X								
67161	SB+TW-2	W		1310						(10)											4			1		
67162	SB-7(0-2)	S		1340													X	X								
67163	SB-7(2-4)	S		1345								X					X	X								
67164	SB-8(0-2)	S		1420													X	X								
67165	SB-8(2-4)	S		1430								X					X	X								
67166	TW-3	W		1435													(4)				4			1		
67167	SB-9(0-2)	S		1505													X	X								
67168	SB-9(2-3)	S		1510								X					X	X								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-18-09	15:40
[signature]	[signature]	5-18-09	16:45

Comments, Special Requirements or Regulations:
* hold for future SPLP metals per chris @ TRC. 5-19-09 SW

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

* SURCHARGE APPLIES

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

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

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

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

State where samples were collected: CT

Loreen - Phoenixlabs

From: Sarah - Phoenixlabs [sarah@phoenixlabs.com]
Sent: Wednesday, June 10, 2009 11:20 AM
To: Loreen Fay
Subject: Fw: Salem ConnDOT Soil Samples - SPLP Metals Request

Sarah Bell
Client Services Representative
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
Manchester, CT 06040
Phone: 860-812-0270
Fax: 860-645-0823

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

—— Original Message ——
From: Mahoney, Marya (Windsor,CT-US)
To: Sarah - Phoenixlabs
Sent: Wednesday, June 10, 2009 8:44 AM
Subject: Salem ConnDOT Soil Samples - SPLP Metals Request

Hi Sarah,

When we submitted the soil samples related to our Salem ConnDOT job (SDG #s GAR67818, GAR67505 and GAR 67147), we requested that the remaining sample volume be archived for potential SPLP metals analysis. Now that the total metals data has been reviewed, I'd like to submit a request to have several of the samples run for SPLP CT RSR 15 metals. The following is a list of the field ids associated with the samples that we'd like to have run:

GAR67818 Samples:
SB-24(0-2) 67819
SB-23(0-2) 67820
SB-20(0-2) 67821
SB-19(0-2) 67822
SB-25(0-2) 67824
SB-18(0-2) 67825
HA-1(0-2) 67827

GAR67503 Samples:

SB-10(2-4) 67506
SB-11(0-2) 67507
SB-12(2-4) 67510
SB-13(2-4) 67512
SB-14(0-2) 67514
SB-15(0-2) 67516
SB-16(2-3) 67521
SB-26(0-2) 67522
SB-17A(0-2) 67526
SB-21(0-2) 67527
SB-22(0-2) 67529

GAR67147 Samples:
SB-1(2-4) 67148
SB-2(0-2) 67150
SB-3(1-2) 67153
SB-4(4-5) 67156
SB-5(4-5) 67158
SB-6(0-2) 67159
SB-7(2-4) 67163
SB-8(2-4) 67165
SB-9(2-3) 67168

Please note that when the invoice is generated for this work, it should reference the same PO number as for the previous Salem work (12444) and the pricing should reflect that for the ConnDOT work for TRC that was quoted by Bobbi. Thanks and let me know if you have any questions.

Marya

Marya B. Mahoney
Project Geologist

TRC
21 Griffin Road North
Windsor, CT 06095

860-298-6226 phone
860-298-6399 fax
mmahoney@trcsolutions.com

Loreen - Phoenixlabs

From: Sarah - Phoenixlabs [sarah@phoenixlabs.com]
Sent: Wednesday, June 10, 2009 11:20 AM
To: Loreen Fay
Subject: Fw: Salem ConnDOT Soil Samples - SPLP Metals Request

Sarah Bell
Client Services Representative
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
Manchester, CT 06040
Phone: 860-812-0270
Fax: 860-645-0823

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---- Original Message ----
From: Mahoney, Marya (Windsor,CT-US)
To: Sarah - Phoenixlabs
Sent: Wednesday, June 10, 2009 8:44 AM
Subject: Salem ConnDOT Soil Samples - SPLP Metals Request

Hi Sarah,

When we submitted the soil samples related to our Salem ConnDOT job (SDG #s GAR67818, GAR67505 and GAR 67147), we requested that the remaining sample volume be archived for potential SPLP metals analysis. Now that the total metals data has been reviewed, I'd like to submit a request to have several of the samples run for SPLP CT RSR 15 metals. The following is a list of the field ids associated with the samples that we'd like to have run:

GAR67818 Samples:
SB-24(0-2) 67819
SB-23(0-2) 67820
SB-20(0-2) 67821
SB-19(0-2) 67822
SB-25(0-2) 67824
SB-18(0-2) 67825
HA-1(0-2) 67827

GAR67503 Samples:

SB-10(2-4) 67506
SB-11(0-2) 67507
SB-12(2-4) 67510
SB-13(2-4) 67512
SB-14(0-2) 67514
SB-15(0-2) 67516
SB-16(2-3) 67521
SB-26(0-2) 67522
SB-17A(0-2) 67526
SB-21(0-2) 67527
SB-22(0-2) 67529

GAR67147 Samples:
SB-1(2-4) 67148
SB-2(0-2) 67150
SB-3(1-2) 67153
SB-4(4-5) 67156
SB-5(4-5) 67158
SB-6(0-2) 67159
SB-7(2-4) 67163
SB-8(2-4) 67165
SB-9(2-3) 67168

Please note that when the invoice is generated for this work, it should reference the same PO number as for the previous Salem work (12444) and the pricing should reflect that for the ConnDOT work for TRC that was quoted by Bobbi. Thanks and let me know if you have any questions.

Marya

Marya B. Mahoney
Project Geologist

TRC
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PHOENIX
Environmental Laboratories, Inc.

Monday, June 22, 2009

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

Client ID: SALEM
Sample ID#s: AR67506 - AR67507, AR67510, AR67512, AR67514, AR67516, AR67521 - AR67522, AR67526 - AR67527, AR67529

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

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

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

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

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

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
TX Lab Registration #T104704451-09TX
VT Lab Registration #VT11301

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ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/09	9:00
Location Code:	TRC	Received by:	LB	05/19/09	16:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67503
Phoenix I.D.: AR67506

Client ID: SALEM SB-10 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	05/24/09		LK'	SW6010
Arsenic	0.8	0.7	mg/Kg	05/24/09		LK'	SW6010
Barium	74.2	0.36	mg/Kg	05/24/09		LK'	SW6010
Beryllium	0.42	0.29	mg/Kg	05/24/09		LK'	SW6010
Cadmium	< 0.36	0.36	mg/Kg	05/24/09		LK'	SW6010
Chromium	19.0	0.36	mg/Kg	05/24/09		LK'	SW6010
Copper	15.1	0.36	mg/kg	05/24/09		LK'	SW6010
Mercury	< 0.08	0.08	mg/Kg	05/21/09		TH	SW-7471
Nickel	13.2	0.36	mg/Kg	05/24/09		LK'	SW6010
Lead	8.13	0.36	mg/Kg	05/24/09		LK'	SW6010
Antimony	< 3.6	3.6	mg/Kg	05/24/09		LK'	SW6010
Selenium	< 1.8	1.8	mg/Kg	05/24/09		LK'	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	0.009	0.004	mg/L	06/20/09		TH	E1312/SW6010
SPLP Barium	0.082	0.010	mg/L	06/20/09		TH	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/20/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	0.048	0.015	mg/L	06/20/09		TH	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/20/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	0.022	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.2	3.2	mg/Kg	05/24/09		LK'	SW6010
Vanadium	23.6	0.36	mg/Kg	05/24/09		LK'	SW6010
Zinc	35.6	0.36	mg/Kg	05/24/09		LK'	SW6010

Client ID: SALEM SB-10 (2-4)

Phoenix I.D.: AR67506

Parameter	Result	RL	Units	Date	Time	By	Reference	
Percent Solid	87		%	05/19/09		M-JL	E160.3	
Soil Extraction for PCB	Completed			05/19/09		QB/D	SW3545	
Soil Extraction for SVOA	Completed			05/19/09		QS/D	SW3545	
Extraction of CT ETPH	Completed			05/19/09		QS/D	3545	
Mercury Digestion	Completed			05/21/09		E	SW7471	
SPLP PCB Extraction	Completed			05/20/09		O/O	SW3510/3520	
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470	
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312	
SPLP Extraction for Organics	Completed			05/19/09		E	EPA1312	
Total Metals Digest	Completed			05/19/09		AG/T	SW846 - 3050	
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005	
Field Extraction	Completed			05/19/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1221	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1232	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1242	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1248	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1254	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1260	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1262	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1268	ND	1.0	ug/L	05/22/09		KCA	SW8082	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	43		%	05/22/09		KCA	SW8082	
%TCMX (Surrogate Rec)	85		%	05/22/09		KCA	SW8082	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,1,1-Trichloroethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,1,2-Trichloroethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,1-Dichloroethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,1-Dichloroethene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,1-Dichloropropene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,2,3-Trichlorobenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,2,3-Trichloropropane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,2,4-Trichlorobenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,2,4-Trimethylbenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,2-Dichlorobenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,2-Dichloroethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,2-Dichloropropane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,3,5-Trimethylbenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,3-Dichlorobenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,3-Dichloropropane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
1,4-Dichlorobenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
2,2-Dichloropropane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
2-Chlorotoluene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
2-Hexanone	ND	24	ug/Kg	05/20/09		H/J	SW8260	
2-Isopropyltoluene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	
4-Chlorotoluene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260	

Client ID: SALEM SB-10 (2-4) Phoenix I.D.: AR67506

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	24	ug/Kg	05/20/09		H/J	SW8260
Acetone	ND	94	ug/Kg	05/20/09		H/J	SW8260
Acrylonitrile	ND	9.4	ug/Kg	05/20/09		H/J	SW8260
Benzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Bromobenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Bromochloromethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Bromodichloromethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Bromoform	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Bromomethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Carbon Disulfide	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Carbon tetrachloride	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Chlorobenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Chloroethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Chloroform	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Chloromethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
cis-1,2-Dichloroethene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
cis-1,3-Dichloropropene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Dibromochloromethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Dibromoethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Dibromomethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Dichlorodifluoromethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Ethylbenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Hexachlorobutadiene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Isopropylbenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
m&p-Xylene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	05/20/09		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.4	ug/Kg	05/20/09		H/J	SW8260
Methylene chloride	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Naphthalene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
n-Butylbenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
n-Propylbenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
o-Xylene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
p-Isopropyltoluene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
sec-Butylbenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Styrene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
tert-Butylbenzene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Tetrachloroethene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Tetrahydrofuran (THF)	ND	9.4	ug/Kg	05/20/09		H/J	SW8260
Toluene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Total Xylenes	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
trans-1,2-Dichloroethene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
trans-1,3-Dichloropropene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.4	ug/Kg	05/20/09		H/J	SW8260
Trichloroethene	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Trichlorofluoromethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Trichlorotrifluoroethane	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
Vinyl chloride	ND	4.7	ug/Kg	05/20/09		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	05/20/09		H/J	SW8260
% Bromofluorobenzene	91		%	05/20/09		H/J	SW8260
% Dibromofluoromethane	97		%	05/20/09		H/J	SW8260
% Toluene-d8	94		%	05/20/09		H/J	SW8260

Client ID: SALEM SB-10 (2-4)

Phoenix I.D.: AR67506

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
1,2-Dichlorobenzene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
1,3-Dichlorobenzene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
1,4-Dichlorobenzene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	3800	ug/Kg	05/22/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	3800	ug/Kg	05/22/09		HM	SW 8270
2,4-Dichlorophenol	ND	3800	ug/Kg	05/22/09		HM	SW 8270
2,4-Dimethylphenol	ND	3800	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrophenol	ND	6000	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrotoluene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
2,6-Dinitrotoluene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
2-Chloronaphthalene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
2-Chlorophenol	ND	3800	ug/Kg	05/22/09		HM	SW 8270
2-Methylnaphthalene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	3800	ug/Kg	05/22/09		HM	SW 8270
2-Nitroaniline	ND	6000	ug/Kg	05/22/09		HM	SW 8270
2-Nitrophenol	ND	3800	ug/Kg	05/22/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	3800	ug/Kg	05/22/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	4500	ug/Kg	05/22/09		HM	SW 8270
3-Nitroaniline	ND	6000	ug/Kg	05/22/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	11000	ug/Kg	05/22/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	3800	ug/Kg	05/22/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	4500	ug/Kg	05/22/09		HM	SW 8270
4-Chloroaniline	ND	4500	ug/Kg	05/22/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	3800	ug/Kg	05/22/09		HM	SW 8270
4-Nitroaniline	ND	6000	ug/Kg	05/22/09		HM	SW 8270
4-Nitrophenol	ND	11000	ug/Kg	05/22/09		HM	SW 8270
Acenaphthene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Acenaphthylene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Acetophenone	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Aniline	ND	11000	ug/Kg	05/22/09		HM	SW 8270
Anthracene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Azobenzene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Benz(a)anthracene	9600	3800	ug/Kg	05/22/09		HM	SW 8270
Benzidine	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Benzo(a)pyrene	8100	3800	ug/Kg	05/22/09		HM	SW 8270
Benzo(b)fluoranthene	11000	3800	ug/Kg	05/22/09		HM	SW 8270
Benzo(ghi)perylene	4900	3800	ug/Kg	05/22/09		HM	SW 8270
Benzo(k)fluoranthene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Benzoic acid	ND	11000	ug/Kg	05/22/09		HM	SW 8270
Benzyl butyl phthalate	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Carbazole	ND	11000	ug/Kg	05/22/09		HM	SW 8270
Chrysene	11000	3800	ug/Kg	05/22/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Dibenzofuran	ND	3800	ug/Kg	05/22/09		HM	SW 8270

Client ID: SALEM SB-10 (2-4)

Phoenix I.D.: AR67506

Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Dimethylphthalate	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Di-n-butylphthalate	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Di-n-octylphthalate	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Fluoranthene	24000	3800	ug/Kg	05/22/09		HM	SW 8270
Fluorene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobenzene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobutadiene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Hexachloroethane	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	4300	3800	ug/Kg	05/22/09		HM	SW 8270
Isophorone	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Naphthalene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Nitrobenzene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodimethylamine	ND	3800	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	3800	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Pentachloronitrobenzene	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Pentachlorophenol	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Phenanthrene	13000	3800	ug/Kg	05/22/09		HM	SW 8270
Phenol	ND	3800	ug/Kg	05/22/09		HM	SW 8270
Pyrene	26000	3800	ug/Kg	05/22/09		HM	SW 8270
Pyridine	ND	3800	ug/Kg	05/22/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	*Diluted Out		%	05/22/09		HM	SW 8270
% 2-Fluorobiphenyl	*Diluted Out		%	05/22/09		HM	SW 8270
% 2-Fluorophenol	*Diluted Out		%	05/22/09		HM	SW 8270
% Nitrobenzene-d5	*Diluted Out		%	05/22/09		HM	SW 8270
% Phenol-d5	*Diluted Out		%	05/22/09		HM	SW 8270
% Terphenyl-d14	*Diluted Out		%	05/22/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	2200	23	mg/Kg	05/20/09		JRB	M8100CT
Identification	**		mg/Kg	05/20/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Diluted Out		%	05/20/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	380	ug/Kg	05/21/09		KCA	SW 8082
PCB-1221	ND	380	ug/Kg	05/21/09		KCA	SW 8082
PCB-1232	ND	380	ug/Kg	05/21/09		KCA	SW 8082
PCB-1242	ND	380	ug/Kg	05/21/09		KCA	SW 8082
PCB-1248	ND	380	ug/Kg	05/21/09		KCA	SW 8082
PCB-1254	ND	380	ug/Kg	05/21/09		KCA	SW 8082
PCB-1260	ND	380	ug/Kg	05/21/09		KCA	SW 8082
PCB-1262	ND	380	ug/Kg	05/21/09		KCA	SW 8082
PCB-1268	ND	380	ug/Kg	05/21/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	100		%	05/21/09		KCA	SW 8082
% TCMX	68		%	05/21/09		KCA	SW 8082

Client ID: SALEM SB-10 (2-4)

Phoenix I.D.: AR67506

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

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

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/09	9:15
Location Code:	TRC	Received by:	LB	05/19/09	16:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67503
Phoenix I.D.: AR67507

Client ID: SALEM SB-11 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.33	0.33	mg/Kg	05/24/09		LK'	SW6010
Arsenic	0.7	0.6	mg/Kg	05/24/09		LK'	SW6010
Barium	23.1	0.33	mg/Kg	05/24/09		LK'	SW6010
Beryllium	< 0.26	0.26	mg/Kg	05/24/09		LK'	SW6010
Cadmium	< 0.33	0.33	mg/Kg	05/24/09		LK'	SW6010
Chromium	14.2	0.33	mg/Kg	05/24/09		LK'	SW6010
Copper	8.78	0.33	mg/kg	05/24/09		LK'	SW6010
Mercury	< 0.07	0.07	mg/Kg	05/21/09		TH	SW-7471
Nickel	6.27	0.33	mg/Kg	05/24/09		LK'	SW6010
Lead	50.5	0.33	mg/Kg	05/24/09		LK'	SW6010
Antimony	< 3.3	3.3	mg/Kg	05/24/09		LK'	SW6010
Selenium	< 1.6	1.6	mg/Kg	05/24/09		LK'	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/20/09		TH	E1312/SW6010
SPLP Barium	0.044	0.010	mg/L	06/20/09		TH	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/20/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	0.014	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	0.082	0.015	mg/L	06/20/09		TH	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/20/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	0.019	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.0	3.0	mg/Kg	05/24/09		LK'	SW6010
Vanadium	13.9	0.33	mg/Kg	05/24/09		LK'	SW6010
Zinc	26.8	0.33	mg/Kg	05/24/09		LK'	SW6010

Client ID: SALEM SB-11 (0-2)

Phoenix I.D.: AR67507

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	96		%	05/19/09		M-JL	E160.3
Soil Extraction for PCB	Completed			05/19/09		QB/D	SW3545
Soil Extraction for SVOA	Completed			05/19/09		QS/D	SW3545
Extraction of CT ETPH	Completed			05/19/09		QS/D	3545
Mercury Digestion	Completed			05/21/09		E	SW7471
SPLP PCB Extraction	Completed			05/20/09		O/O	SW3510/3520
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
SPLP Extraction for Organics	Completed			05/19/09		E	EPA1312
Total Metals Digest	Completed			05/19/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/19/09		TRC	SW5035 1
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1221	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1232	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1242	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1248	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1254	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1260	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1262	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1268	ND	1.0	ug/L	05/22/09		KCA	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	42		%	05/22/09		KCA	SW8082
%TCMX (Surrogate Rec)	87		%	05/22/09		KCA	SW8082
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,1,1-Trichloroethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,1,2-Trichloroethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloroethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloroethene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloropropene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,2,3-Trichloropropane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichlorobenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichloroethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichloropropane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,3-Dichlorobenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,3-Dichloropropane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
1,4-Dichlorobenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
2,2-Dichloropropane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
2-Chlorotoluene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
2-Hexanone	ND	22	ug/Kg	05/21/09		R/J	SW8260
2-Isopropyltoluene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
4-Chlorotoluene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260

Client ID: SALEM SB-11 (0-2)

Phoenix I.D.: AR67507

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	22	ug/Kg	05/21/09		R/J	SW8260
Acetone	ND	88	ug/Kg	05/21/09		R/J	SW8260
Acrylonitrile	ND	8.8	ug/Kg	05/21/09		R/J	SW8260
Benzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Bromobenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Bromochloromethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Bromodichloromethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Bromoform	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Bromomethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Carbon Disulfide	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Carbon tetrachloride	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Chlorobenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Chloroethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Chloroform	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Chloromethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Dibromochloromethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Dibromoethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Dibromomethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Dichlorodifluoromethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Ethylbenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Hexachlorobutadiene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Isopropylbenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
m&p-Xylene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Methyl Ethyl Ketone	ND	26	ug/Kg	05/21/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	8.8	ug/Kg	05/21/09		R/J	SW8260
Methylene chloride	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Naphthalene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
n-Butylbenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
n-Propylbenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
o-Xylene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
p-Isopropyltoluene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
sec-Butylbenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Styrene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
tert-Butylbenzene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Tetrachloroethene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	8.8	ug/Kg	05/21/09		R/J	SW8260
Toluene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Total Xylenes	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	8.8	ug/Kg	05/21/09		R/J	SW8260
Trichloroethene	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Trichlorofluoromethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Trichlorotrifluoroethane	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
Vinyl chloride	ND	4.4	ug/Kg	05/21/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/21/09		R/J	SW8260
% Bromofluorobenzene	81		%	05/21/09		R/J	SW8260
% Dibromofluoromethane	103		%	05/21/09		R/J	SW8260
% Toluene-d8	91		%	05/21/09		R/J	SW8260

Client ID: SALEM SB-11 (0-2)

Phoenix I.D.: AR67507

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
1,2-Dichlorobenzene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
1,3-Dichlorobenzene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
1,4-Dichlorobenzene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	1700	ug/Kg	05/21/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	1700	ug/Kg	05/21/09		HM	SW 8270
2,4-Dichlorophenol	ND	1700	ug/Kg	05/21/09		HM	SW 8270
2,4-Dimethylphenol	ND	1700	ug/Kg	05/21/09		HM	SW 8270
2,4-Dinitrophenol	ND	2700	ug/Kg	05/21/09		HM	SW 8270
2,4-Dinitrotoluene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
2,6-Dinitrotoluene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
2-Chloronaphthalene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
2-Chlorophenol	ND	1700	ug/Kg	05/21/09		HM	SW 8270
2-Methylnaphthalene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	1700	ug/Kg	05/21/09		HM	SW 8270
2-Nitroaniline	ND	2700	ug/Kg	05/21/09		HM	SW 8270
2-Nitrophenol	ND	1700	ug/Kg	05/21/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	1700	ug/Kg	05/21/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	2000	ug/Kg	05/21/09		HM	SW 8270
3-Nitroaniline	ND	2700	ug/Kg	05/21/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	5000	ug/Kg	05/21/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	1700	ug/Kg	05/21/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	2000	ug/Kg	05/21/09		HM	SW 8270
4-Chloroaniline	ND	2000	ug/Kg	05/21/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	1700	ug/Kg	05/21/09		HM	SW 8270
4-Nitroaniline	ND	2700	ug/Kg	05/21/09		HM	SW 8270
4-Nitrophenol	ND	5000	ug/Kg	05/21/09		HM	SW 8270
Acenaphthene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Acenaphthylene	2000	1700	ug/Kg	05/21/09		HM	SW 8270
Acetophenone	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Aniline	ND	5000	ug/Kg	05/21/09		HM	SW 8270
Anthracene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Azobenzene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Benz(a)anthracene	6000	1700	ug/Kg	05/21/09		HM	SW 8270
Benzidine	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Benzo(a)pyrene	6300	1700	ug/Kg	05/21/09		HM	SW 8270
Benzo(b)fluoranthene	9100	1700	ug/Kg	05/21/09		HM	SW 8270
Benzo(ghi)perylene	4900	1700	ug/Kg	05/21/09		HM	SW 8270
Benzo(k)fluoranthene	3300	1700	ug/Kg	05/21/09		HM	SW 8270
Benzoic acid	ND	5000	ug/Kg	05/21/09		HM	SW 8270
Benzyl butyl phthalate	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Carbazole	ND	5000	ug/Kg	05/21/09		HM	SW 8270
Chrysene	7000	1700	ug/Kg	05/21/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Dibenzofuran	ND	1700	ug/Kg	05/21/09		HM	SW 8270

Client ID: SALEM SB-11 (0-2)

Phoenix I.D.: AR67507

Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Dimethylphthalate	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Di-n-butylphthalate	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Di-n-octylphthalate	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Fluoranthene	16000	1700	ug/Kg	05/21/09		HM	SW 8270
Fluorene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Hexachlorobenzene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Hexachlorobutadiene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Hexachloroethane	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	3900	1700	ug/Kg	05/21/09		HM	SW 8270
Isophorone	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Naphthalene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Nitrobenzene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
N-Nitrosodimethylamine	ND	1700	ug/Kg	05/21/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	1700	ug/Kg	05/21/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Pentachloronitrobenzene	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Pentachlorophenol	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Phenanthrene	6700	1700	ug/Kg	05/21/09		HM	SW 8270
Phenol	ND	1700	ug/Kg	05/21/09		HM	SW 8270
Pyrene	14000	1700	ug/Kg	05/21/09		HM	SW 8270
Pyridine	ND	1700	ug/Kg	05/21/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	104		%	05/21/09		HM	SW 8270
% 2-Fluorobiphenyl	46		%	05/21/09		HM	SW 8270
% 2-Fluorophenol	54		%	05/21/09		HM	SW 8270
% Nitrobenzene-d5	59		%	05/21/09		HM	SW 8270
% Phenol-d5	59		%	05/21/09		HM	SW 8270
% Terphenyl-d14	54		%	05/21/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	420	20	mg/Kg	05/20/09		JRB	M8100CT
Identification	**		mg/Kg	05/20/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Diluted Out		%	05/20/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1221	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1232	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1242	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1248	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1254	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1260	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1262	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1268	ND	340	ug/Kg	05/21/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	86		%	05/21/09		KCA	SW 8082
% TCMX	76		%	05/21/09		KCA	SW 8082

Client ID: SALEM SB-11 (0-2) Phoenix I.D.: AR67507

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C14 to C36 range. The sample was quantitated against a C9-C36 standard.

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 22, 2009

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

Sample Information

Matrix: SOIL
Location Code: TRC
Rush Request:
P.O.#: 12444

Custody Information		Date	Time
Collected by:		05/19/09	10:05
Received by:	LB	05/19/09	16:30
Analyzed by:	see "By" below		

Laboratory Data

SDG I.D.: GAR67503
Phoenix I.D.: AR67510

Client ID: SALEM SB-12 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	05/24/09		LK'	SW6010
Arsenic	1.5	0.8	mg/Kg	05/24/09		LK'	SW6010
Barium	45.9	0.38	mg/Kg	05/24/09		LK'	SW6010
Beryllium	< 0.30	0.30	mg/Kg	05/24/09		LK'	SW6010
Cadmium	1.29	0.38	mg/Kg	05/24/09		LK'	SW6010
Chromium	7.68	0.38	mg/Kg	05/24/09		LK'	SW6010
Copper	17.4	0.38	mg/kg	05/24/09		LK'	SW6010
Mercury	< 0.08	0.08	mg/Kg	05/21/09		TH	SW-7471
Nickel	8.44	0.38	mg/Kg	05/24/09		LK'	SW6010
Lead	61.0	0.38	mg/Kg	05/24/09		LK'	SW6010
Antimony	< 3.8	3.8	mg/Kg	05/24/09		LK'	SW6010
Selenium	< 1.9	1.9	mg/Kg	05/24/09		LK'	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	0.006	0.004	mg/L	06/20/09		TH	E1312/SW6010
SPLP Barium	0.087	0.010	mg/L	06/20/09		TH	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/20/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	0.024	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	0.077	0.015	mg/L	06/20/09		TH	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/20/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	0.075	0.010	mg/L	06/11/09		LK	E1312/SW6010
hallium	< 3.4	3.4	mg/Kg	05/24/09		LK'	SW6010
anadium	10.2	0.38	mg/Kg	05/24/09		LK'	SW6010
inc	423	3.8	mg/Kg	05/27/09		EK	SW6010

Client ID: SALEM SB-12 (2-4) Phoenix I.D.: AR67510

Parameter	Result	RL	Units	Date	Time	By	Reference	
Percent Solid	88		%	05/19/09		M-JL	E160.3	
Soil Extraction for PCB	Completed			05/19/09		QB/D	SW3545	
Soil Extraction for SVOA	Completed			05/19/09		QS/D	SW3545	
Extraction of CT ETPH	Completed			05/19/09		QS/D	3545	
Mercury Digestion	Completed			05/21/09		E	SW7471	
SPLP PCB Extraction	Completed			05/20/09		O/O	SW3510/3520	
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470	
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312	
SPLP Extraction for Organics	Completed			05/19/09		E	EPA1312	
Total Metals Digest	Completed			05/19/09		AG/T	SW846 - 3050	
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005	
Field Extraction	Completed			05/19/09		TRC	SW5035	1
SPLP Polychlorinated Biphenyls								
PCB-1016	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1221	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1232	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1242	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1248	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1254	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1260	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1262	ND	1.0	ug/L	05/22/09		KCA	SW8082	
PCB-1268	ND	1.0	ug/L	05/22/09		KCA	SW8082	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	44		%	05/22/09		KCA	SW8082	
%TCMX (Surrogate Rec)	85		%	05/22/09		KCA	SW8082	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,1-Dichloroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,1-Dichloroethene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,1-Dichloropropene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2,3-Trichloropropane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dichlorobenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dichloroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dichloropropane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,3-Dichlorobenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,3-Dichloropropane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,4-Dichlorobenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
2,2-Dichloropropane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
2-Chlorotoluene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
2-Hexanone	ND	27	ug/Kg	05/21/09		R/J	SW8260	
2-Isopropyltoluene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
4-Chlorotoluene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	

Client ID: SALEM SB-12 (2-4) Phoenix I.D.: AR67510

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	27	ug/Kg	05/21/09		R/J	SW8260
Acetone	ND	110	ug/Kg	05/21/09		R/J	SW8260
Acrylonitrile	ND	10	ug/Kg	05/21/09		R/J	SW8260
Benzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Bromobenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Bromochloromethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Bromoform	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Bromomethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Chlorobenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Chloroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Chloroform	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Chloromethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Methyl Ethyl Ketone	ND	32	ug/Kg	05/21/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	05/21/09		R/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Naphthalene	24	5.4	ug/Kg	05/21/09		R/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
o-Xylene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Styrene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	05/21/09		R/J	SW8260
Toluene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	05/21/09		R/J	SW8260
Trichloroethene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	05/21/09		R/J	SW8260
% Bromofluorobenzene	74		%	05/21/09		R/J	SW8260
% Dibromofluoromethane	101		%	05/21/09		R/J	SW8260
% Toluene-d8	89		%	05/21/09		R/J	SW8260

Client ID: SALEM SB-12 (2-4)

Phoenix I.D.: AR67510

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
1,2-Dichlorobenzene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
1,3-Dichlorobenzene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
1,4-Dichlorobenzene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	3700	ug/Kg	05/22/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	3700	ug/Kg	05/22/09		HM	SW 8270
2,4-Dichlorophenol	ND	3700	ug/Kg	05/22/09		HM	SW 8270
2,4-Dimethylphenol	ND	3700	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrophenol	ND	5900	ug/Kg	05/22/09		HM	SW 8270
2,4-Dinitrotoluene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
2,6-Dinitrotoluene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
2-Chloronaphthalene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
2-Chlorophenol	ND	3700	ug/Kg	05/22/09		HM	SW 8270
2-Methylnaphthalene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	3700	ug/Kg	05/22/09		HM	SW 8270
2-Nitroaniline	ND	5900	ug/Kg	05/22/09		HM	SW 8270
2-Nitrophenol	ND	3700	ug/Kg	05/22/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	3700	ug/Kg	05/22/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	4400	ug/Kg	05/22/09		HM	SW 8270
3-Nitroaniline	ND	5900	ug/Kg	05/22/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	11000	ug/Kg	05/22/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	3700	ug/Kg	05/22/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	4400	ug/Kg	05/22/09		HM	SW 8270
4-Chloroaniline	ND	4400	ug/Kg	05/22/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	3700	ug/Kg	05/22/09		HM	SW 8270
4-Nitroaniline	ND	5900	ug/Kg	05/22/09		HM	SW 8270
4-Nitrophenol	ND	11000	ug/Kg	05/22/09		HM	SW 8270
Acenaphthene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Acenaphthylene	6600	3700	ug/Kg	05/22/09		HM	SW 8270
Acetophenone	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Aniline	ND	11000	ug/Kg	05/22/09		HM	SW 8270
Anthracene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Azobenzene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Benz(a)anthracene	14000	3700	ug/Kg	05/22/09		HM	SW 8270
Benzidine	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Benzo(a)pyrene	14000	3700	ug/Kg	05/22/09		HM	SW 8270
Benzo(b)fluoranthene	17000	3700	ug/Kg	05/22/09		HM	SW 8270
Benzo(ghi)perylene	7500	3700	ug/Kg	05/22/09		HM	SW 8270
Benzo(k)fluoranthene	4900	3700	ug/Kg	05/22/09		HM	SW 8270
Benzoic acid	ND	11000	ug/Kg	05/22/09		HM	SW 8270
Benzyl butyl phthalate	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Carbazole	ND	11000	ug/Kg	05/22/09		HM	SW 8270
Chrysene	16000	3700	ug/Kg	05/22/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Dibenzofuran	ND	3700	ug/Kg	05/22/09		HM	SW 8270

Client ID: SALEM SB-12 (2-4) Phoenix I.D.: AR67510

Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Dimethylphthalate	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Di-n-butylphthalate	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Di-n-octylphthalate	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Fluoranthene	34000	3700	ug/Kg	05/22/09		HM	SW 8270
Fluorene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobenzene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Hexachlorobutadiene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Hexachloroethane	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	6600	3700	ug/Kg	05/22/09		HM	SW 8270
Isophorone	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Naphthalene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Nitrobenzene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodimethylamine	ND	3700	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	3700	ug/Kg	05/22/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Pentachloronitrobenzene	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Pentachlorophenol	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Phenanthrene	25000	3700	ug/Kg	05/22/09		HM	SW 8270
Phenol	ND	3700	ug/Kg	05/22/09		HM	SW 8270
Pyrene	36000	3700	ug/Kg	05/22/09		HM	SW 8270
Pyridine	ND	3700	ug/Kg	05/22/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	*Diluted Out		%	05/22/09		HM	SW 8270
% 2-Fluorobiphenyl	*Diluted Out		%	05/22/09		HM	SW 8270
% 2-Fluorophenol	*Diluted Out		%	05/22/09		HM	SW 8270
% Nitrobenzene-d5	*Diluted Out		%	05/22/09		HM	SW 8270
% Phenol-d5	*Diluted Out		%	05/22/09		HM	SW 8270
% Terphenyl-d14	*Diluted Out		%	05/22/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	880	22	mg/Kg	05/21/09		JRB	M8100CT
Identification	**		mg/Kg	05/21/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Diluted Out		%	05/21/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	370	ug/Kg	05/21/09		KCA	SW 8082
PCB-1221	ND	370	ug/Kg	05/21/09		KCA	SW 8082
PCB-1232	ND	370	ug/Kg	05/21/09		KCA	SW 8082
PCB-1242	ND	370	ug/Kg	05/21/09		KCA	SW 8082
PCB-1248	ND	370	ug/Kg	05/21/09		KCA	SW 8082
PCB-1254	ND	370	ug/Kg	05/21/09		KCA	SW 8082
PCB-1260	ND	370	ug/Kg	05/21/09		KCA	SW 8082
PCB-1262	ND	370	ug/Kg	05/21/09		KCA	SW 8082
PCB-1268	ND	370	ug/Kg	05/21/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	105		%	05/21/09		KCA	SW 8082
% TCMX	68		%	05/21/09		KCA	SW 8082

Client ID: SALEM SB-12 (2-4) Phoenix I.D.: AR67510

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C14 to C36 range. The sample was quantitated against a C9-C36 standard.

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/09	10:35
Location Code:	TRC	Received by:	LB	05/19/09	16:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67503
Phoenix I.D.: AR67512

Client ID: SALEM SB-13 (2-4)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	05/24/09		LK'	SW6010
Arsenic	0.8	0.7	mg/Kg	05/24/09		LK'	SW6010
Barium	152	0.37	mg/Kg	05/24/09		LK'	SW6010
Beryllium	< 0.29	0.29	mg/Kg	05/24/09		LK'	SW6010
Cadmium	1.03	0.37	mg/Kg	05/24/09		LK'	SW6010
Chromium	6.07	0.37	mg/Kg	05/24/09		LK'	SW6010
Copper	17.5	0.37	mg/kg	05/24/09		LK'	SW6010
Mercury	< 0.07	0.07	mg/Kg	05/21/09		TH	SW-7471
Nickel	3.65	0.37	mg/Kg	05/24/09		LK'	SW6010
Lead	142	0.37	mg/Kg	05/24/09		LK'	SW6010
Antimony	< 3.7	3.7	mg/Kg	05/24/09		LK'	SW6010
Selenium	< 1.8	1.8	mg/Kg	05/24/09		LK'	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Arsenic	0.005	0.004	mg/L	06/20/09		TH	E1312/SW6010
SPLP Barium	0.120	0.010	mg/L	06/20/09		TH	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/20/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/12/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	06/20/09		TH	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/20/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Zinc	0.186	0.010	mg/L	06/12/09		LK	E1312/SW6010
Thallium	< 3.3	3.3	mg/Kg	05/24/09		LK'	SW6010
Vanadium	8.26	0.37	mg/Kg	05/24/09		LK'	SW6010
Zinc	650	3.7	mg/Kg	05/27/09		EK	SW6010

Client ID: SALEM SB-13 (2-4) Phoenix I.D.: AR67512

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	96		%	05/19/09		M-JL	E160.3
Soil Extraction for PCB	Completed			05/19/09		QB/D	SW3545
Soil Extraction for SVOA	Completed			05/19/09		QS/D	SW3545
Extraction of CT ETPH	Completed			05/19/09		QS/D	3545
Mercury Digestion	Completed			05/21/09		E	SW7471
SPLP PCB Extraction	Completed			05/20/09		O/O	SW3510/3520
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
SPLP Extraction for Organics	Completed			05/19/09		E	EPA1312
Total Metals Digest	Completed			05/19/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/19/09		TRC	SW5035 1
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1221	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1232	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1242	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1248	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1254	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1260	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1262	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1268	ND	1.0	ug/L	05/22/09		KCA	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	34		%	05/22/09		KCA	SW8082
%TCMX (Surrogate Rec)	84		%	05/22/09		KCA	SW8082
Volatiles							
1,1,1,2-Tetrachloroethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,1,1-Trichloroethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,1,2-Trichloroethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloroethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloroethene	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,1-Dichloropropene	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,2,3-Trichloropropane	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichlorobenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichloroethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,2-Dichloropropane	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,3-Dichlorobenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,3-Dichloropropane	ND	240	ug/Kg	05/22/09		R/J	SW8260
1,4-Dichlorobenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
2,2-Dichloropropane	ND	240	ug/Kg	05/22/09		R/J	SW8260
2-Chlorotoluene	ND	240	ug/Kg	05/22/09		R/J	SW8260
2-Hexanone	ND	1200	ug/Kg	05/22/09		R/J	SW8260
2-Isopropyltoluene	ND	240	ug/Kg	05/22/09		R/J	SW8260
4-Chlorotoluene	ND	240	ug/Kg	05/22/09		R/J	SW8260

Client ID: SALEM SB-13 (2-4)

Phoenix I.D.: AR67512

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	1200	ug/Kg	05/22/09		R/J	SW8260
Acetone	ND	4800	ug/Kg	05/22/09		R/J	SW8260
Acrylonitrile	ND	480	ug/Kg	05/22/09		R/J	SW8260
Benzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
Bromobenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
Bromochloromethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
Bromodichloromethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
Bromoform	ND	240	ug/Kg	05/22/09		R/J	SW8260
Bromomethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
Carbon Disulfide	ND	240	ug/Kg	05/22/09		R/J	SW8260
Carbon tetrachloride	ND	240	ug/Kg	05/22/09		R/J	SW8260
Chlorobenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
Chloroethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
Chloroform	ND	240	ug/Kg	05/22/09		R/J	SW8260
Chloromethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	240	ug/Kg	05/22/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	240	ug/Kg	05/22/09		R/J	SW8260
Dibromochloromethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
Dibromoethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
Dibromomethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
Dichlorodifluoromethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
Ethylbenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
Hexachlorobutadiene	ND	240	ug/Kg	05/22/09		R/J	SW8260
Isopropylbenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
m&p-Xylene	ND	240	ug/Kg	05/22/09		R/J	SW8260
Methyl Ethyl Ketone	ND	1400	ug/Kg	05/22/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	480	ug/Kg	05/22/09		R/J	SW8260
Methylene chloride	ND	240	ug/Kg	05/22/09		R/J	SW8260
Naphthalene	380	240	ug/Kg	05/22/09		R/J	SW8260
n-Butylbenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
n-Propylbenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
o-Xylene	ND	240	ug/Kg	05/22/09		R/J	SW8260
p-Isopropyltoluene	ND	240	ug/Kg	05/22/09		R/J	SW8260
sec-Butylbenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
Styrene	ND	240	ug/Kg	05/22/09		R/J	SW8260
tert-Butylbenzene	ND	240	ug/Kg	05/22/09		R/J	SW8260
Tetrachloroethene	ND	240	ug/Kg	05/22/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	480	ug/Kg	05/22/09		R/J	SW8260
Toluene	ND	240	ug/Kg	05/22/09		R/J	SW8260
Total Xylenes	ND	240	ug/Kg	05/22/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	240	ug/Kg	05/22/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	240	ug/Kg	05/22/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	480	ug/Kg	05/22/09		R/J	SW8260
Trichloroethene	ND	240	ug/Kg	05/22/09		R/J	SW8260
Trichlorofluoromethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
Trichlorotrifluoroethane	ND	240	ug/Kg	05/22/09		R/J	SW8260
Vinyl chloride	ND	240	ug/Kg	05/22/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/22/09		R/J	SW8260
% Bromofluorobenzene	93		%	05/22/09		R/J	SW8260
% Dibromofluoromethane	105		%	05/22/09		R/J	SW8260
% Toluene-d8	95		%	05/22/09		R/J	SW8260

Client ID: SALEM SB-13 (2-4)

Phoenix I.D.: AR67512

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	340	ug/Kg	05/20/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	340	ug/Kg	05/20/09		HM	SW 8270
1,2-Dichlorobenzene	ND	340	ug/Kg	05/20/09		HM	SW 8270
1,3-Dichlorobenzene	ND	340	ug/Kg	05/20/09		HM	SW 8270
1,4-Dichlorobenzene	ND	340	ug/Kg	05/20/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	340	ug/Kg	05/20/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	340	ug/Kg	05/20/09		HM	SW 8270
2,4-Dichlorophenol	ND	340	ug/Kg	05/20/09		HM	SW 8270
2,4-Dimethylphenol	ND	340	ug/Kg	05/20/09		HM	SW 8270
2,4-Dinitrophenol	ND	550	ug/Kg	05/20/09		HM	SW 8270
2,4-Dinitrotoluene	ND	340	ug/Kg	05/20/09		HM	SW 8270
2,6-Dinitrotoluene	ND	340	ug/Kg	05/20/09		HM	SW 8270
2-Chloronaphthalene	ND	340	ug/Kg	05/20/09		HM	SW 8270
2-Chlorophenol	ND	340	ug/Kg	05/20/09		HM	SW 8270
2-Methylnaphthalene	ND	340	ug/Kg	05/20/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	340	ug/Kg	05/20/09		HM	SW 8270
2-Nitroaniline	ND	550	ug/Kg	05/20/09		HM	SW 8270
2-Nitrophenol	ND	340	ug/Kg	05/20/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	340	ug/Kg	05/20/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	410	ug/Kg	05/20/09		HM	SW 8270
3-Nitroaniline	ND	550	ug/Kg	05/20/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	05/20/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	340	ug/Kg	05/20/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	410	ug/Kg	05/20/09		HM	SW 8270
4-Chloroaniline	ND	410	ug/Kg	05/20/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	340	ug/Kg	05/20/09		HM	SW 8270
4-Nitroaniline	ND	550	ug/Kg	05/20/09		HM	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	05/20/09		HM	SW 8270
Acenaphthene	ND	340	ug/Kg	05/20/09		HM	SW 8270
Acenaphthylene	870	340	ug/Kg	05/20/09		HM	SW 8270
Acetophenone	ND	340	ug/Kg	05/20/09		HM	SW 8270
Aniline	ND	1000	ug/Kg	05/20/09		HM	SW 8270
Anthracene	500	340	ug/Kg	05/20/09		HM	SW 8270
Azobenzene	ND	340	ug/Kg	05/20/09		HM	SW 8270
Benz(a)anthracene	1100	340	ug/Kg	05/20/09		HM	SW 8270
Benzidine	ND	340	ug/Kg	05/20/09		HM	SW 8270
Benzo(a)pyrene	1200	340	ug/Kg	05/20/09		HM	SW 8270
Benzo(b)fluoranthene	1600	340	ug/Kg	05/20/09		HM	SW 8270
Benzo(ghi)perylene	960	340	ug/Kg	05/20/09		HM	SW 8270
Benzo(k)fluoranthene	480	340	ug/Kg	05/20/09		HM	SW 8270
Benzoic acid	ND	1000	ug/Kg	05/20/09		HM	SW 8270
Benzyl butyl phthalate	ND	340	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	340	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	340	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	340	ug/Kg	05/20/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	340	ug/Kg	05/20/09		HM	SW 8270
Carbazole	ND	1000	ug/Kg	05/20/09		HM	SW 8270
Chrysene	1700	340	ug/Kg	05/20/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	340	ug/Kg	05/20/09		HM	SW 8270
Dibenzofuran	ND	340	ug/Kg	05/20/09		HM	SW 8270

Client ID: SALEM SB-13 (2-4)

Phoenix I.D.: AR67512

Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	340	ug/Kg	05/20/09		HM	SW 8270
Dimethylphthalate	ND	340	ug/Kg	05/20/09		HM	SW 8270
Di-n-butylphthalate	ND	340	ug/Kg	05/20/09		HM	SW 8270
Di-n-octylphthalate	ND	340	ug/Kg	05/20/09		HM	SW 8270
Fluoranthene	2900	340	ug/Kg	05/20/09		HM	SW 8270
Fluorene	ND	340	ug/Kg	05/20/09		HM	SW 8270
Hexachlorobenzene	ND	340	ug/Kg	05/20/09		HM	SW 8270
Hexachlorobutadiene	ND	340	ug/Kg	05/20/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	340	ug/Kg	05/20/09		HM	SW 8270
Hexachloroethane	ND	340	ug/Kg	05/20/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	740	340	ug/Kg	05/20/09		HM	SW 8270
Isophorone	ND	340	ug/Kg	05/20/09		HM	SW 8270
Naphthalene	ND	340	ug/Kg	05/20/09		HM	SW 8270
Nitrobenzene	ND	340	ug/Kg	05/20/09		HM	SW 8270
N-Nitrosodimethylamine	ND	340	ug/Kg	05/20/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	340	ug/Kg	05/20/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	340	ug/Kg	05/20/09		HM	SW 8270
Pentachloronitrobenzene	ND	340	ug/Kg	05/20/09		HM	SW 8270
Pentachlorophenol	ND	340	ug/Kg	05/20/09		HM	SW 8270
Phenanthrene	1800	340	ug/Kg	05/20/09		HM	SW 8270
Phenol	ND	340	ug/Kg	05/20/09		HM	SW 8270
Pyrene	3200	340	ug/Kg	05/20/09		HM	SW 8270
Pyridine	ND	340	ug/Kg	05/20/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	87		%	05/20/09		HM	SW 8270
% 2-Fluorobiphenyl	76		%	05/20/09		HM	SW 8270
% 2-Fluorophenol	85		%	05/20/09		HM	SW 8270
% Nitrobenzene-d5	66		%	05/20/09		HM	SW 8270
% Phenol-d5	85		%	05/20/09		HM	SW 8270
% Terphenyl-d14	78		%	05/20/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	170	20	mg/Kg	05/21/09		JRB	M8100CT
Identification	**		mg/Kg	05/21/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	108		%	05/21/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1221	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1232	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1242	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1248	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1254	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1260	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1262	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1268	ND	340	ug/Kg	05/21/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	73		%	05/21/09		KCA	SW 8082
% TCMX	76		%	05/21/09		KCA	SW 8082

Client ID: SALEM SB-13 (2-4)

Phoenix I.D.: AR67512

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C14 to C36 range. The sample was quantitated against a C9-C36 standard.

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

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

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/09	11:00
Location Code:	TRC	Received by:	LB	05/19/09	16:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67503
Phoenix I.D.: AR67514

Client ID: SALEM SB-14 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	05/24/09		LK'	SW6010
Arsenic	1.1	0.7	mg/Kg	05/24/09		LK'	SW6010
Barium	39.0	0.34	mg/Kg	05/24/09		LK'	SW6010
Beryllium	< 0.27	0.27	mg/Kg	05/24/09		LK'	SW6010
Cadmium	< 0.34	0.34	mg/Kg	05/24/09		LK'	SW6010
Chromium	7.41	0.34	mg/Kg	05/24/09		LK'	SW6010
Copper	13.1	0.34	mg/kg	05/24/09		LK'	SW6010
Mercury	< 0.07	0.07	mg/Kg	05/21/09		TH	SW-7471
Nickel	5.94	0.34	mg/Kg	05/24/09		LK'	SW6010
Lead	178	0.34	mg/Kg	05/24/09		LK'	SW6010
Antimony	< 3.4	3.4	mg/Kg	05/24/09		LK'	SW6010
Selenium	< 1.7	1.7	mg/Kg	05/24/09		LK'	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/20/09		TH	E1312/SW6010
SPLP Barium	0.082	0.010	mg/L	06/20/09		TH	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/20/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/12/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Copper	0.015	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	0.049	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Lead	0.020	0.015	mg/L	06/20/09		TH	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/20/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Zinc	0.062	0.010	mg/L	06/12/09		LK	E1312/SW6010
Thallium	< 3.1	3.1	mg/Kg	05/24/09		LK'	SW6010
Vanadium	11.7	0.34	mg/Kg	05/24/09		LK'	SW6010
Zinc	68.9	0.34	mg/Kg	05/24/09		LK'	SW6010

Client ID: SALEM SB-14 (0-2)

Phoenix I.D.: AR67514

Parameter	Result	RL	Units	Date	Time	By	Reference	
Percent Solid	95		%	05/19/09		M-JL	E160.3	
Soil Extraction for PCB	Completed			05/19/09		QB/D	SW3545	
Soil Extraction for SVOA	Completed			05/19/09		QS/D	SW3545	
Mercury Digestion	Completed			05/21/09		E	SW7471	
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470	
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312	
Total Metals Digest	Completed			05/19/09		AG/T	SW846 - 3050	
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005	
Extraction of TPH SM	Completed			05/19/09		QS/D	3545/3550	1
Field Extraction	Completed			05/19/09		TRC	SW5035	1
Volatiles								
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,1,1-Trichloroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,1,2-Trichloroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,1-Dichloroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,1-Dichloroethene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,1-Dichloropropene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2,3-Trichloropropane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dichlorobenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dichloroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,2-Dichloropropane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,3-Dichlorobenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,3-Dichloropropane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
1,4-Dichlorobenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
2,2-Dichloropropane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
2-Chlorotoluene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
2-Hexanone	ND	27	ug/Kg	05/21/09		R/J	SW8260	
2-Isopropyltoluene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
4-Chlorotoluene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
4-Methyl-2-pentanone	ND	27	ug/Kg	05/21/09		R/J	SW8260	
Acetone	ND	110	ug/Kg	05/21/09		R/J	SW8260	
Acrylonitrile	ND	10	ug/Kg	05/21/09		R/J	SW8260	
Benzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
Bromobenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
Bromochloromethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
Bromodichloromethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
Bromoform	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
Bromomethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
Carbon Disulfide	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
Carbon tetrachloride	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
Chlorobenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
Chloroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
Chloroform	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
Chloromethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260	

Client ID: SALEM SB-14 (0-2) Phoenix I.D.: AR67514

Parameter	Result	RL	Units	Date	Time	By	Reference
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Methyl Ethyl Ketone	ND	32	ug/Kg	05/21/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	05/21/09		R/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Naphthalene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
o-Xylene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Styrene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	05/21/09		R/J	SW8260
Toluene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	05/21/09		R/J	SW8260
Trichloroethene	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	05/21/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/21/09		R/J	SW8260
% Bromofluorobenzene	76		%	05/21/09		R/J	SW8260
% Dibromofluoromethane	106		%	05/21/09		R/J	SW8260
% Toluene-d8	88		%	05/21/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
1,2-Dichlorobenzene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
1,3-Dichlorobenzene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
1,4-Dichlorobenzene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	3400	ug/Kg	05/21/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	3400	ug/Kg	05/21/09		HM	SW 8270
2,4-Dichlorophenol	ND	3400	ug/Kg	05/21/09		HM	SW 8270
2,4-Dimethylphenol	ND	3400	ug/Kg	05/21/09		HM	SW 8270
2,4-Dinitrophenol	ND	5400	ug/Kg	05/21/09		HM	SW 8270
2,4-Dinitrotoluene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
2,6-Dinitrotoluene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
2-Chloronaphthalene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
2-Chlorophenol	ND	3400	ug/Kg	05/21/09		HM	SW 8270

Client ID: SALEM SB-14 (0-2)

Phoenix I.D.: AR67514

Parameter	Result	RL	Units	Date	Time	By	Reference
2-Methylnaphthalene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	3400	ug/Kg	05/21/09		HM	SW 8270
2-Nitroaniline	ND	5400	ug/Kg	05/21/09		HM	SW 8270
2-Nitrophenol	ND	3400	ug/Kg	05/21/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	3400	ug/Kg	05/21/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	4100	ug/Kg	05/21/09		HM	SW 8270
3-Nitroaniline	ND	5400	ug/Kg	05/21/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	9900	ug/Kg	05/21/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	3400	ug/Kg	05/21/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	4100	ug/Kg	05/21/09		HM	SW 8270
4-Chloroaniline	ND	4100	ug/Kg	05/21/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	3400	ug/Kg	05/21/09		HM	SW 8270
4-Nitroaniline	ND	5400	ug/Kg	05/21/09		HM	SW 8270
4-Nitrophenol	ND	9900	ug/Kg	05/21/09		HM	SW 8270
Acenaphthene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Acenaphthylene	11000	3400	ug/Kg	05/21/09		HM	SW 8270
Acetophenone	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Aniline	ND	9900	ug/Kg	05/21/09		HM	SW 8270
Anthracene	5300	3400	ug/Kg	05/21/09		HM	SW 8270
Azobenzene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Benz(a)anthracene	13000	3400	ug/Kg	05/21/09		HM	SW 8270
Benzidine	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Benzo(a)pyrene	16000	3400	ug/Kg	05/21/09		HM	SW 8270
Benzo(b)fluoranthene	19000	3400	ug/Kg	05/21/09		HM	SW 8270
Benzo(ghi)perylene	12000	3400	ug/Kg	05/21/09		HM	SW 8270
Benzo(k)fluoranthene	5200	3400	ug/Kg	05/21/09		HM	SW 8270
Benzoic acid	ND	9900	ug/Kg	05/21/09		HM	SW 8270
Benzyl butyl phthalate	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Carbazole	ND	9900	ug/Kg	05/21/09		HM	SW 8270
Chrysene	17000	3400	ug/Kg	05/21/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Dibenzofuran	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Diethyl phthalate	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Dimethylphthalate	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Di-n-butylphthalate	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Di-n-octylphthalate	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Fluoranthene	24000	3400	ug/Kg	05/21/09		HM	SW 8270
Fluorene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Hexachlorobenzene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Hexachlorobutadiene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Hexachloroethane	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	9400	3400	ug/Kg	05/21/09		HM	SW 8270
Isophorone	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Naphthalene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Nitrobenzene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
N-Nitrosodimethylamine	ND	3400	ug/Kg	05/21/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	3400	ug/Kg	05/21/09		HM	SW 8270

Client ID: SALEM SB-14 (0-2)

Phoenix I.D.: AR67514

Parameter	Result	RL	Units	Date	Time	By	Reference
N-Nitrosodiphenylamine	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Pentachloronitrobenzene	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Pentachlorophenol	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Phenanthrene	15000	3400	ug/Kg	05/21/09		HM	SW 8270
Phenol	ND	3400	ug/Kg	05/21/09		HM	SW 8270
Pyrene	37000	3400	ug/Kg	05/21/09		HM	SW 8270
Pyridine	ND	3400	ug/Kg	05/21/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	*Diluted Out		%	05/21/09		HM	SW 8270
% 2-Fluorobiphenyl	*Diluted Out		%	05/21/09		HM	SW 8270
% 2-Fluorophenol	*Diluted Out		%	05/21/09		HM	SW 8270
% Nitrobenzene-d5	*Diluted Out		%	05/21/09		HM	SW 8270
% Phenol-d5	*Diluted Out		%	05/21/09		HM	SW 8270
% Terphenyl-d14	*Diluted Out		%	05/21/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	340	10	mg/Kg	05/21/09		JRB	M8100CT
Identification	**		mg/Kg	05/21/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Interference		%	05/21/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1221	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1232	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1242	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1248	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1254	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1260	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1262	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1268	ND	340	ug/Kg	05/21/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	114		%	05/21/09		KCA	SW 8082
% TCMX	75		%	05/21/09		KCA	SW 8082

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

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C14 to C36 range. The sample was quantitated against a C9-C36 standard.

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director

June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/09	11:25
Location Code:	TRC	Received by:	LB	05/19/09	16:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67503
Phoenix I.D.: AR67516

Client ID: SALEM SB-15 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	05/24/09		LK'	SW6010
Arsenic	0.8	0.7	mg/Kg	05/24/09		LK'	SW6010
Barium	53.3	0.34	mg/Kg	05/24/09		LK'	SW6010
Beryllium	0.37	0.27	mg/Kg	05/24/09		LK'	SW6010
Cadmium	< 0.34	0.34	mg/Kg	05/24/09		LK'	SW6010
Chromium	22.3	0.34	mg/Kg	05/24/09		LK'	SW6010
Copper	18.0	0.34	mg/kg	05/24/09		LK'	SW6010
Mercury	< 0.07	0.07	mg/Kg	05/21/09		TH	SW-7471
Nickel	6.54	0.34	mg/Kg	05/24/09		LK'	SW6010
Lead	60.0	0.34	mg/Kg	05/24/09		LK'	SW6010
Antimony	< 3.4	3.4	mg/Kg	05/24/09		LK'	SW6010
Selenium	< 1.7	1.7	mg/Kg	05/24/09		LK'	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/20/09		TH	E1312/SW6010
SPLP Barium	0.014	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/20/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/12/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	06/20/09		TH	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/20/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Zinc	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
Thallium	< 3.0	3.0	mg/Kg	05/24/09		LK'	SW6010
Vanadium	33.2	0.34	mg/Kg	05/24/09		LK'	SW6010
Zinc	38.5	0.34	mg/Kg	05/24/09		LK'	SW6010

Client ID: SALEM SB-15 (0-2)

Phoenix I.D.: AR67516

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	05/19/09		M-JL	E160.3
Soil Extraction for PCB	Completed			05/19/09		QB/D	SW3545
Soil Extraction for SVOA	Completed			05/19/09		QS/D	SW3545
Extraction of CT ETPH	Completed			05/19/09		QS/D	3545
Mercury Digestion	Completed			05/21/09		E	SW7471
SPLP PCB Extraction	Completed			05/20/09		O/O	SW3510/3520
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
SPLP Extraction for Organics	Completed			05/19/09		E	EPA1312
Total Metals Digest	Completed			05/19/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/19/09		TRC	SW5035 1
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1221	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1232	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1242	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1248	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1254	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1260	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1262	ND	1.0	ug/L	05/22/09		KCA	SW8082
PCB-1268	ND	1.0	ug/L	05/22/09		KCA	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	<30		%	05/22/09		KCA	SW8082
%TCMX (Surrogate Rec)	75		%	05/22/09		KCA	SW8082
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,1,1-Trichloroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,1,2-Trichloroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloroethene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloropropene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2,3-Trichloropropane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichlorobenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichloroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichloropropane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,3-Dichlorobenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,3-Dichloropropane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,4-Dichlorobenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
2,2-Dichloropropane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
2-Chlorotoluene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
2-Hexanone	ND	24	ug/Kg	05/21/09		R/J	SW8260
2-Isopropyltoluene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
4-Chlorotoluene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260

Client ID: SALEM SB-15 (0-2)

Phoenix I.D.: AR67516

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	24	ug/Kg	05/21/09		R/J	SW8260
Acetone	ND	95	ug/Kg	05/21/09		R/J	SW8260
Acrylonitrile	ND	9.5	ug/Kg	05/21/09		R/J	SW8260
Benzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Bromobenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Bromochloromethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Bromodichloromethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Bromoform	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Bromomethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Carbon Disulfide	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Carbon tetrachloride	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Chlorobenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Chloroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Chloroform	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Chloromethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Dibromochloromethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Dibromoethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Dibromomethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Dichlorodifluoromethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Ethylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Hexachlorobutadiene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Isopropylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
m&p-Xylene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	05/21/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.5	ug/Kg	05/21/09		R/J	SW8260
Methylene chloride	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Naphthalene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
n-Butylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
n-Propylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
o-Xylene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
p-Isopropyltoluene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
sec-Butylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Styrene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
tert-Butylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Tetrachloroethene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.5	ug/Kg	05/21/09		R/J	SW8260
Toluene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Total Xylenes	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.5	ug/Kg	05/21/09		R/J	SW8260
Trichloroethene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Trichlorofluoromethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Trichlorotrifluoroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Vinyl chloride	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	05/21/09		R/J	SW8260
% Bromofluorobenzene	85		%	05/21/09		R/J	SW8260
% Dibromofluoromethane	101		%	05/21/09		R/J	SW8260
% Toluene-d8	95		%	05/21/09		R/J	SW8260

Client ID: SALEM SB-15 (0-2)

Phoenix I.D.: AR67516

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
1,2-Dichlorobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
1,3-Dichlorobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
1,4-Dichlorobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
2,4-Dichlorophenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
2,4-Dimethylphenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
2,4-Dinitrophenol	ND	560	ug/Kg	05/20/09		HM	SW 8270
2,4-Dinitrotoluene	ND	350	ug/Kg	05/20/09		HM	SW 8270
2,6-Dinitrotoluene	ND	350	ug/Kg	05/20/09		HM	SW 8270
2-Chloronaphthalene	ND	350	ug/Kg	05/20/09		HM	SW 8270
2-Chlorophenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
2-Methylnaphthalene	ND	350	ug/Kg	05/20/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	350	ug/Kg	05/20/09		HM	SW 8270
2-Nitroaniline	ND	560	ug/Kg	05/20/09		HM	SW 8270
2-Nitrophenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	05/20/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	420	ug/Kg	05/20/09		HM	SW 8270
3-Nitroaniline	ND	560	ug/Kg	05/20/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	05/20/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	05/20/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	420	ug/Kg	05/20/09		HM	SW 8270
4-Chloroaniline	ND	420	ug/Kg	05/20/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	350	ug/Kg	05/20/09		HM	SW 8270
4-Nitroaniline	ND	560	ug/Kg	05/20/09		HM	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	05/20/09		HM	SW 8270
Acenaphthene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Acenaphthylene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Acetophenone	ND	350	ug/Kg	05/20/09		HM	SW 8270
Aniline	ND	1000	ug/Kg	05/20/09		HM	SW 8270
Anthracene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Azobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Benz(a)anthracene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Benzidine	ND	350	ug/Kg	05/20/09		HM	SW 8270
Benzo(a)pyrene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Benzo(b)fluoranthene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Benzo(ghi)perylene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Benzo(k)fluoranthene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Benzoic acid	ND	1000	ug/Kg	05/20/09		HM	SW 8270
Benzyl butyl phthalate	ND	350	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	350	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	350	ug/Kg	05/20/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	350	ug/Kg	05/20/09		HM	SW 8270
Carbazole	ND	1000	ug/Kg	05/20/09		HM	SW 8270
Chrysene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Dibenzofuran	ND	350	ug/Kg	05/20/09		HM	SW 8270

Client ID: SALEM SB-15 (0-2)

Phoenix I.D.: AR67516

Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	350	ug/Kg	05/20/09		HM	SW 8270
Dimethylphthalate	ND	350	ug/Kg	05/20/09		HM	SW 8270
Di-n-butylphthalate	ND	350	ug/Kg	05/20/09		HM	SW 8270
Di-n-octylphthalate	ND	350	ug/Kg	05/20/09		HM	SW 8270
Fluoranthene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Fluorene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Hexachlorobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Hexachlorobutadiene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Hexachloroethane	ND	350	ug/Kg	05/20/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Isophorone	ND	350	ug/Kg	05/20/09		HM	SW 8270
Naphthalene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Nitrobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	05/20/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	350	ug/Kg	05/20/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	05/20/09		HM	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Pentachlorophenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
Phenanthrene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Phenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
Pyrene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Pyridine	ND	350	ug/Kg	05/20/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	84		%	05/20/09		HM	SW 8270
% 2-Fluorobiphenyl	74		%	05/20/09		HM	SW 8270
% 2-Fluorophenol	87		%	05/20/09		HM	SW 8270
% Nitrobenzene-d5	64		%	05/20/09		HM	SW 8270
% Phenol-d5	84		%	05/20/09		HM	SW 8270
% Terphenyl-d14	76		%	05/20/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	05/21/09		JRB	M8100CT
Identification	ND		mg/Kg	05/21/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	78		%	05/21/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1221	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1232	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1242	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1248	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1254	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1260	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1262	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1268	ND	350	ug/Kg	05/21/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	59		%	05/21/09		KCA	SW 8082
% TCMX	78		%	05/21/09		KCA	SW 8082

Client ID: SALEM SB-15 (0-2)

Phoenix I.D.: AR67516

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

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

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

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/09	13:05
Location Code:	TRC	Received by:	LB	05/19/09	16:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67503
Phoenix I.D.: AR67521

Client ID: SALEM SB-16 (2-3)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.39	0.39	mg/Kg	05/24/09		LK'	SW6010
Arsenic	2.6	0.8	mg/Kg	05/24/09		LK'	SW6010
Barium	48.2	0.39	mg/Kg	05/24/09		LK'	SW6010
Beryllium	0.32	0.31	mg/Kg	05/24/09		LK'	SW6010
Cadmium	< 0.39	0.39	mg/Kg	05/24/09		LK'	SW6010
Chromium	14.6	0.39	mg/Kg	05/24/09		LK'	SW6010
Copper	9.88	0.39	mg/kg	05/24/09		LK'	SW6010
Mercury	< 0.07	0.07	mg/Kg	05/21/09		TH	SW-7471
Nickel	7.09	0.39	mg/Kg	05/24/09		LK'	SW6010
Lead	50.1	0.39	mg/Kg	05/24/09		LK'	SW6010
Antimony	< 3.9	3.9	mg/Kg	05/24/09		LK'	SW6010
Selenium	< 1.9	1.9	mg/Kg	05/24/09		LK'	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/20/09		TH	E1312/SW6010
SPLP Barium	0.058	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/20/09		TH	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/12/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	06/20/09		TH	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/20/09		TH	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/20/09		TH	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/12/09		LK	E1312/SW6010
SPLP Zinc	0.012	0.010	mg/L	06/12/09		LK	E1312/SW6010
Thallium	< 3.5	3.5	mg/Kg	05/24/09		LK'	SW6010
Vanadium	20.8	0.39	mg/Kg	05/24/09		LK'	SW6010
Zinc	60.3	0.39	mg/Kg	05/24/09		LK'	SW6010

Client ID: SALEM SB-16 (2-3)

Phoenix I.D.: AR67521

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	92		%	05/19/09		M-JL	E160.3
Soil Extraction for PCB	Completed			05/19/09		QB/D	SW3545
Soil Extraction for SVOA	Completed			05/19/09		SS/D	SW3545
Extraction of CT ETPH	Completed			05/19/09		QS/D	3545
Mercury Digestion	Completed			05/21/09		E	SW7471
SPLP PCB Extraction	Completed			05/22/09		D/D	SW3510/3520
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
SPLP Extraction for Organics	Completed			05/19/09		E	EPA1312
Total Metals Digest	Completed			05/19/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/19/09		TRC	SW5035 1
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1221	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1232	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1242	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1248	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1254	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1260	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1262	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1268	ND	1.0	ug/L	05/26/09		KCA	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	43		%	05/26/09		KCA	SW8082
%TCMX (Surrogate Rec)	78		%	05/26/09		KCA	SW8082
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,1,1-Trichloroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,1,2-Trichloroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloroethene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloropropene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2,3-Trichloropropane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichlorobenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichloroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichloropropane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,3-Dichlorobenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,3-Dichloropropane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,4-Dichlorobenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
2,2-Dichloropropane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
2-Chlorotoluene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
2-Hexanone	ND	24	ug/Kg	05/21/09		R/J	SW8260
2-Isopropyltoluene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
4-Chlorotoluene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260

Client ID: SALEM SB-16 (2-3)

Phoenix I.D.: AR67521

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	24	ug/Kg	05/21/09		R/J	SW8260
Acetone	ND	96	ug/Kg	05/21/09		R/J	SW8260
Acrylonitrile	ND	9.6	ug/Kg	05/21/09		R/J	SW8260
Benzene	43	4.8	ug/Kg	05/21/09		R/J	SW8260
Bromobenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Bromochloromethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Bromodichloromethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Bromoform	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Bromomethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Carbon Disulfide	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Carbon tetrachloride	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Chlorobenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Chloroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Chloroform	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Chloromethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Dibromochloromethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Dibromoethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Dibromomethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Dichlorodifluoromethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Ethylbenzene	17	4.8	ug/Kg	05/21/09		R/J	SW8260
Hexachlorobutadiene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Isopropylbenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
m&p-Xylene	28	4.8	ug/Kg	05/21/09		R/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	05/21/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.6	ug/Kg	05/21/09		R/J	SW8260
Methylene chloride	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Naphthalene	100	4.8	ug/Kg	05/21/09		R/J	SW8260
n-Butylbenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
n-Propylbenzene	53	4.8	ug/Kg	05/21/09		R/J	SW8260
o-Xylene	14	4.8	ug/Kg	05/21/09		R/J	SW8260
p-Isopropyltoluene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
sec-Butylbenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Styrene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
tert-Butylbenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Tetrachloroethene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.6	ug/Kg	05/21/09		R/J	SW8260
Toluene	5.2	4.8	ug/Kg	05/21/09		R/J	SW8260
Total Xylenes	41	4.8	ug/Kg	05/21/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.6	ug/Kg	05/21/09		R/J	SW8260
Trichloroethene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Trichlorofluoromethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Trichlorotrifluoroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Vinyl chloride	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	05/21/09		R/J	SW8260
% Bromofluorobenzene	74		%	05/21/09		R/J	SW8260
% Dibromofluoromethane	100		%	05/21/09		R/J	SW8260
% Toluene-d8	88		%	05/21/09		R/J	SW8260

Client ID: SALEM SB-16 (2-3) Phoenix I.D.: AR67521

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
1,2-Dichlorobenzene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
1,3-Dichlorobenzene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
1,4-Dichlorobenzene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	3600	ug/Kg	05/21/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	3600	ug/Kg	05/21/09		HM	SW 8270
2,4-Dichlorophenol	ND	3600	ug/Kg	05/21/09		HM	SW 8270
2,4-Dimethylphenol	ND	3600	ug/Kg	05/21/09		HM	SW 8270
2,4-Dinitrophenol	ND	5800	ug/Kg	05/21/09		HM	SW 8270
2,4-Dinitrotoluene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
2,6-Dinitrotoluene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
2-Chloronaphthalene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
2-Chlorophenol	ND	3600	ug/Kg	05/21/09		HM	SW 8270
2-Methylnaphthalene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	3600	ug/Kg	05/21/09		HM	SW 8270
2-Nitroaniline	ND	5800	ug/Kg	05/21/09		HM	SW 8270
2-Nitrophenol	ND	3600	ug/Kg	05/21/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	3600	ug/Kg	05/21/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	4300	ug/Kg	05/21/09		HM	SW 8270
3-Nitroaniline	ND	5800	ug/Kg	05/21/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	10000	ug/Kg	05/21/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	3600	ug/Kg	05/21/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	4300	ug/Kg	05/21/09		HM	SW 8270
4-Chloroaniline	ND	4300	ug/Kg	05/21/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	3600	ug/Kg	05/21/09		HM	SW 8270
4-Nitroaniline	ND	5800	ug/Kg	05/21/09		HM	SW 8270
4-Nitrophenol	ND	10000	ug/Kg	05/21/09		HM	SW 8270
Acenaphthene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Acenaphthylene	12000	3600	ug/Kg	05/21/09		HM	SW 8270
Acetophenone	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Aniline	ND	10000	ug/Kg	05/21/09		HM	SW 8270
Anthracene	9000	3600	ug/Kg	05/21/09		HM	SW 8270
Azobenzene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Benz(a)anthracene	21000	3600	ug/Kg	05/21/09		HM	SW 8270
Benzidine	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Benzo(a)pyrene	23000	3600	ug/Kg	05/21/09		HM	SW 8270
Benzo(b)fluoranthene	28000	3600	ug/Kg	05/21/09		HM	SW 8270
Benzo(ghi)perylene	15000	3600	ug/Kg	05/21/09		HM	SW 8270
Benzo(k)fluoranthene	9500	3600	ug/Kg	05/21/09		HM	SW 8270
Benzoic acid	ND	10000	ug/Kg	05/21/09		HM	SW 8270
Benzyl butyl phthalate	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Carbazole	ND	10000	ug/Kg	05/21/09		HM	SW 8270
Chrysene	25000	3600	ug/Kg	05/21/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Dibenzofuran	ND	3600	ug/Kg	05/21/09		HM	SW 8270

Client ID: SALEM SB-16 (2-3)

Phoenix I.D.: AR67521

Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Dimethylphthalate	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Di-n-butylphthalate	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Di-n-octylphthalate	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Fluoranthene	53000	3600	ug/Kg	05/21/09		HM	SW 8270
Fluorene	6200	3600	ug/Kg	05/21/09		HM	SW 8270
Hexachlorobenzene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Hexachlorobutadiene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Hexachloroethane	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	12000	3600	ug/Kg	05/21/09		HM	SW 8270
Isophorone	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Naphthalene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Nitrobenzene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
N-Nitrosodimethylamine	ND	3600	ug/Kg	05/21/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	3600	ug/Kg	05/21/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Pentachloronitrobenzene	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Pentachlorophenol	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Phenanthrene	44000	3600	ug/Kg	05/21/09		HM	SW 8270
Phenol	ND	3600	ug/Kg	05/21/09		HM	SW 8270
Pyrene	56000	3600	ug/Kg	05/21/09		HM	SW 8270
Pyridine	ND	3600	ug/Kg	05/21/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	*Diluted Out		%	05/21/09		HM	SW 8270
% 2-Fluorobiphenyl	*Diluted Out		%	05/21/09		HM	SW 8270
% 2-Fluorophenol	*Diluted Out		%	05/21/09		HM	SW 8270
% Nitrobenzene-d5	*Diluted Out		%	05/21/09		HM	SW 8270
% Phenol-d5	*Diluted Out		%	05/21/09		HM	SW 8270
% Terphenyl-d14	*Diluted Out		%	05/21/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	2500	53	mg/Kg	05/22/09		JRB	M8100CT
Identification	**		mg/Kg	05/22/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Interference		%	05/22/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	360	ug/Kg	05/21/09		KCA	SW 8082
PCB-1221	ND	360	ug/Kg	05/21/09		KCA	SW 8082
PCB-1232	ND	360	ug/Kg	05/21/09		KCA	SW 8082
PCB-1242	ND	360	ug/Kg	05/21/09		KCA	SW 8082
PCB-1248	ND	360	ug/Kg	05/21/09		KCA	SW 8082
PCB-1254	ND	360	ug/Kg	05/21/09		KCA	SW 8082
PCB-1260	ND	360	ug/Kg	05/21/09		KCA	SW 8082
PCB-1262	ND	360	ug/Kg	05/21/09		KCA	SW 8082
PCB-1268	ND	360	ug/Kg	05/21/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	>130		%	05/21/09		KCA	SW 8082
% TCMX	72		%	05/21/09		KCA	SW 8082

Client ID: SALEM SB-16 (2-3) Phoenix I.D.: AR67521

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards,
but contains a distribution in the C12 to C36 range. The sample was quantitated against a C9-C36 standard.
* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/09	13:25
Location Code:	TRC	Received by:	LB	05/19/09	16:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67503
Phoenix I.D.: AR67522

Client ID: SALEM SB-26 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	05/24/09		LK'	SW6010
Arsenic	2.3	0.7	mg/Kg	05/24/09		LK'	SW6010
Barium	65.7	0.37	mg/Kg	05/24/09		LK'	SW6010
Beryllium	0.34	0.30	mg/Kg	05/24/09		LK'	SW6010
Cadmium	0.98	0.37	mg/Kg	05/24/09		LK'	SW6010
Chromium	16.1	0.37	mg/Kg	05/24/09		LK'	SW6010
Copper	95.0	0.37	mg/kg	05/24/09		LK'	SW6010
Mercury	< 0.07	0.07	mg/Kg	05/21/09		TH	SW-7471
Nickel	11.5	0.37	mg/Kg	05/24/09		LK'	SW6010
Lead	200	0.37	mg/Kg	05/24/09		LK'	SW6010
Antimony	< 3.7	3.7	mg/Kg	05/24/09		LK'	SW6010
Selenium	< 1.9	1.9	mg/Kg	05/24/09		LK'	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/11/09		LK	E1312/SW6010
SPLP Barium	0.056	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/11/09		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	0.035	0.010	mg/L	06/11/09		EK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	0.109	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/11/09		LK	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	0.039	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.4	3.4	mg/Kg	05/24/09		LK'	SW6010
Vanadium	20.4	0.37	mg/Kg	05/24/09		LK'	SW6010
Zinc	122	0.37	mg/Kg	05/24/09		LK'	SW6010

Client ID: SALEM SB-26 (0-2)

Phoenix I.D.: AR67522

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	05/19/09		M-JL	E160.3
Soil Extraction for PCB	Completed			05/19/09		QB/D	SW3545
Soil Extraction for SVOA	Completed			05/19/09		BS/D	SW3545
Extraction of CT ETPH	Completed			05/19/09		QS/D	3545
Mercury Digestion	Completed			05/21/09		E	SW7471
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
Total Metals Digest	Completed			05/19/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/19/09		TRC	SW5035 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,1,1-Trichloroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,1,2-Trichloroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloroethene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloropropene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2,3-Trichloropropane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichlorobenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichloroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichloropropane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,3-Dichlorobenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,3-Dichloropropane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
1,4-Dichlorobenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
2,2-Dichloropropane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
2-Chlorotoluene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
2-Hexanone	ND	24	ug/Kg	05/21/09		R/J	SW8260
2-Isopropyltoluene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
4-Chlorotoluene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
4-Methyl-2-pentanone	ND	24	ug/Kg	05/21/09		R/J	SW8260
Acetone	ND	95	ug/Kg	05/21/09		R/J	SW8260
Acrylonitrile	ND	9.5	ug/Kg	05/21/09		R/J	SW8260
Benzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Bromobenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Bromochloromethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Bromodichloromethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Bromoform	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Bromomethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Carbon Disulfide	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Carbon tetrachloride	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Chlorobenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Chloroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Chloroform	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Chloromethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260

Client ID: SALEM SB-26 (0-2)

Phoenix I.D.: AR67522

Parameter	Result	RL	Units	Date	Time	By	Reference
cis-1,3-Dichloropropene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Dibromochloromethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Dibromoethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Dibromomethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Dichlorodifluoromethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Ethylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Hexachlorobutadiene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Isopropylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
m&p-Xylene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Methyl Ethyl Ketone	ND	28	ug/Kg	05/21/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.5	ug/Kg	05/21/09		R/J	SW8260
Methylene chloride	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Naphthalene	140	4.7	ug/Kg	05/21/09		R/J	SW8260
n-Butylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
n-Propylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
o-Xylene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
p-Isopropyltoluene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
sec-Butylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Styrene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
tert-Butylbenzene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Tetrachloroethene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.5	ug/Kg	05/21/09		R/J	SW8260
Toluene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Total Xylenes	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.5	ug/Kg	05/21/09		R/J	SW8260
Trichloroethene	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Trichlorofluoromethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Trichlorotrifluoroethane	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
Vinyl chloride	ND	4.7	ug/Kg	05/21/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/21/09		R/J	SW8260
% Bromofluorobenzene	80		%	05/21/09		R/J	SW8260
% Dibromofluoromethane	109		%	05/21/09		R/J	SW8260
% Toluene-d8	90		%	05/21/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	710	ug/Kg	05/21/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	710	ug/Kg	05/21/09		HM	SW 8270
1,2-Dichlorobenzene	ND	710	ug/Kg	05/21/09		HM	SW 8270
1,3-Dichlorobenzene	ND	710	ug/Kg	05/21/09		HM	SW 8270
1,4-Dichlorobenzene	ND	710	ug/Kg	05/21/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	710	ug/Kg	05/21/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	710	ug/Kg	05/21/09		HM	SW 8270
2,4-Dichlorophenol	ND	710	ug/Kg	05/21/09		HM	SW 8270
2,4-Dimethylphenol	ND	710	ug/Kg	05/21/09		HM	SW 8270
2,4-Dinitrophenol	ND	1100	ug/Kg	05/21/09		HM	SW 8270
2,4-Dinitrotoluene	ND	710	ug/Kg	05/21/09		HM	SW 8270
2,6-Dinitrotoluene	ND	710	ug/Kg	05/21/09		HM	SW 8270
2-Chloronaphthalene	ND	710	ug/Kg	05/21/09		HM	SW 8270
2-Chlorophenol	ND	710	ug/Kg	05/21/09		HM	SW 8270

Client ID: SALEM SB-26 (0-2)

Phoenix I.D.: AR67522

Parameter	Result	RL	Units	Date	Time	By	Reference
2-Methylnaphthalene	ND	710	ug/Kg	05/21/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	710	ug/Kg	05/21/09		HM	SW 8270
2-Nitroaniline	ND	1100	ug/Kg	05/21/09		HM	SW 8270
2-Nitrophenol	ND	710	ug/Kg	05/21/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	710	ug/Kg	05/21/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	850	ug/Kg	05/21/09		HM	SW 8270
3-Nitroaniline	ND	1100	ug/Kg	05/21/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	2000	ug/Kg	05/21/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	710	ug/Kg	05/21/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	850	ug/Kg	05/21/09		HM	SW 8270
4-Chloroaniline	ND	850	ug/Kg	05/21/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	710	ug/Kg	05/21/09		HM	SW 8270
4-Nitroaniline	ND	1100	ug/Kg	05/21/09		HM	SW 8270
4-Nitrophenol	ND	2000	ug/Kg	05/21/09		HM	SW 8270
Acenaphthene	ND	710	ug/Kg	05/21/09		HM	SW 8270
Acenaphthylene	2400	710	ug/Kg	05/21/09		HM	SW 8270
Acetophenone	ND	710	ug/Kg	05/21/09		HM	SW 8270
Aniline	ND	2000	ug/Kg	05/21/09		HM	SW 8270
Anthracene	990	710	ug/Kg	05/21/09		HM	SW 8270
Azobenzene	ND	710	ug/Kg	05/21/09		HM	SW 8270
Benz(a)anthracene	1500	710	ug/Kg	05/21/09		HM	SW 8270
Benzidine	ND	710	ug/Kg	05/21/09		HM	SW 8270
Benzo(a)pyrene	2100	710	ug/Kg	05/21/09		HM	SW 8270
Benzo(b)fluoranthene	3200	710	ug/Kg	05/21/09		HM	SW 8270
Benzo(ghi)perylene	3500	710	ug/Kg	05/21/09		HM	SW 8270
Benzo(k)fluoranthene	840	710	ug/Kg	05/21/09		HM	SW 8270
Benzoic acid	ND	2000	ug/Kg	05/21/09		HM	SW 8270
Benzyl butyl phthalate	ND	710	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	710	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	710	ug/Kg	05/21/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	710	ug/Kg	05/21/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	710	ug/Kg	05/21/09		HM	SW 8270
Carbazole	ND	2000	ug/Kg	05/21/09		HM	SW 8270
Chrysene	1500	710	ug/Kg	05/21/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	710	ug/Kg	05/21/09		HM	SW 8270
Dibenzofuran	ND	710	ug/Kg	05/21/09		HM	SW 8270
Diethyl phthalate	ND	710	ug/Kg	05/21/09		HM	SW 8270
Dimethylphthalate	ND	710	ug/Kg	05/21/09		HM	SW 8270
Di-n-butylphthalate	ND	710	ug/Kg	05/21/09		HM	SW 8270
Di-n-octylphthalate	ND	710	ug/Kg	05/21/09		HM	SW 8270
Fluoranthene	2000	710	ug/Kg	05/21/09		HM	SW 8270
Fluorene	ND	710	ug/Kg	05/21/09		HM	SW 8270
Hexachlorobenzene	ND	710	ug/Kg	05/21/09		HM	SW 8270
Hexachlorobutadiene	ND	710	ug/Kg	05/21/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	710	ug/Kg	05/21/09		HM	SW 8270
Hexachloroethane	ND	710	ug/Kg	05/21/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	2200	710	ug/Kg	05/21/09		HM	SW 8270
Isophorone	ND	710	ug/Kg	05/21/09		HM	SW 8270
Naphthalene	ND	710	ug/Kg	05/21/09		HM	SW 8270
Nitrobenzene	ND	710	ug/Kg	05/21/09		HM	SW 8270
N-Nitrosodimethylamine	ND	710	ug/Kg	05/21/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	710	ug/Kg	05/21/09		HM	SW 8270

Client ID: SALEM SB-26 (0-2) Phoenix I.D.: AR67522

Parameter	Result	RL	Units	Date	Time	By	Reference
N-Nitrosodiphenylamine	ND	710	ug/Kg	05/21/09		HM	SW 8270
Pentachloronitrobenzene	ND	710	ug/Kg	05/21/09		HM	SW 8270
Pentachlorophenol	ND	710	ug/Kg	05/21/09		HM	SW 8270
Phenanthrene	ND	710	ug/Kg	05/21/09		HM	SW 8270
Phenol	ND	710	ug/Kg	05/21/09		HM	SW 8270
Pyrene	2700	710	ug/Kg	05/21/09		HM	SW 8270
Pyridine	ND	710	ug/Kg	05/21/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	92		%	05/21/09		HM	SW 8270
% 2-Fluorobiphenyl	56		%	05/21/09		HM	SW 8270
% 2-Fluorophenol	69		%	05/21/09		HM	SW 8270
% Nitrobenzene-d5	64		%	05/21/09		HM	SW 8270
% Phenol-d5	70		%	05/21/09		HM	SW 8270
% Terphenyl-d14	64		%	05/21/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	1600	21	mg/Kg	05/21/09		JRB	M8100CT
Identification	**		mg/Kg	05/21/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	Interference		%	05/21/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1221	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1232	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1242	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1248	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1254	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1260	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1262	ND	350	ug/Kg	05/21/09		KCA	SW 8082
PCB-1268	ND	350	ug/Kg	05/21/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	108		%	05/21/09		KCA	SW 8082
% TCMX	87		%	05/21/09		KCA	SW 8082

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

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C16 to C36 range. The sample was quantitated against a C9-C36 standard.

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/09	14:00
Location Code:	TRC	Received by:	LB	05/19/09	16:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67503
Phoenix I.D.: AR67526

Client ID: SALEM SB-17A (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	05/26/09		LK	SW6010
Arsenic	< 0.7	0.7	mg/Kg	05/26/09		LK	SW6010
Barium	49.2	0.37	mg/Kg	05/26/09		LK	SW6010
Beryllium	< 0.30	0.30	mg/Kg	05/26/09		LK	SW6010
Cadmium	< 0.37	0.37	mg/Kg	05/26/09		LK	SW6010
Chromium	13.0	0.37	mg/Kg	05/26/09		LK	SW6010
Copper	10100	37	mg/kg	05/28/09		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	05/21/09		TH	SW-7471
Nickel	4.84	0.37	mg/Kg	05/26/09		LK	SW6010
Lead	10.4	0.37	mg/Kg	05/26/09		LK	SW6010
Antimony	< 3.7	3.7	mg/Kg	05/26/09		LK	SW6010
Selenium	< 1.9	1.9	mg/Kg	05/26/09		LK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/11/09		LK	E1312/SW6010
SPLP Barium	0.038	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/11/09		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	< 0.015	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/11/09		LK	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.4	3.4	mg/Kg	05/26/09		LK	SW6010
Vanadium	25.3	0.37	mg/Kg	05/26/09		LK	SW6010
Zinc	33.9	0.37	mg/Kg	05/26/09		EK	SW6010

Client ID: SALEM SB-17A (0-2)

Phoenix I.D.: AR67526

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	94		%	05/19/09		M-JL	E160.3
Soil Extraction for PCB	Completed			05/19/09		QB/D	SW3545
Soil Extraction for SVOA	Completed			05/19/09		QS/D	SW3545
Extraction of CT ETPH	Completed			05/19/09		QS/D	3545
Mercury Digestion	Completed			05/21/09		E	SW7471
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
Total Metals Digest	Completed			05/20/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/19/09		TRC	SW5035
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,1,1-Trichloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,1,2-Trichloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloropropene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,2,3-Trichloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,3-Dichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,3-Dichloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
1,4-Dichlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
2,2-Dichloropropane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
2-Chlorotoluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
2-Hexanone	ND	24	ug/Kg	05/21/09		R/J	SW8260
2-Isopropyltoluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
4-Chlorotoluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
4-Methyl-2-pentanone	ND	24	ug/Kg	05/21/09		R/J	SW8260
Acetone	ND	98	ug/Kg	05/21/09		R/J	SW8260
Acrylonitrile	ND	9.8	ug/Kg	05/21/09		R/J	SW8260
Benzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Bromobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Bromochloromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Bromodichloromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Bromoform	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Bromomethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Carbon Disulfide	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Carbon tetrachloride	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Chlorobenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Chloroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Chloroform	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Chloromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260

Client ID: SALEM SB-17A (0-2) Phoenix I.D.: AR67526

Parameter	Result	RL	Units	Date	Time	By	Reference
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Dibromochloromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Dibromoethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Dibromomethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Dichlorodifluoromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Ethylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Hexachlorobutadiene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Isopropylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
m&p-Xylene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	05/21/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.8	ug/Kg	05/21/09		R/J	SW8260
Methylene chloride	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Naphthalene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
n-Butylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
n-Propylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
o-Xylene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
p-Isopropyltoluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
sec-Butylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Styrene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
tert-Butylbenzene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Tetrachloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.8	ug/Kg	05/21/09		R/J	SW8260
Toluene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Total Xylenes	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.8	ug/Kg	05/21/09		R/J	SW8260
Trichloroethene	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Trichlorofluoromethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Trichlorotrifluoroethane	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
Vinyl chloride	ND	4.9	ug/Kg	05/21/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	05/21/09		R/J	SW8260
% Bromofluorobenzene	83		%	05/21/09		R/J	SW8260
% Dibromofluoromethane	106		%	05/21/09		R/J	SW8260
% Toluene-d8	94		%	05/21/09		R/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
1,2-Dichlorobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
1,3-Dichlorobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
1,4-Dichlorobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
2,4-Dichlorophenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
2,4-Dimethylphenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
2,4-Dinitrophenol	ND	560	ug/Kg	05/20/09		HM	SW 8270
2,4-Dinitrotoluene	ND	350	ug/Kg	05/20/09		HM	SW 8270
2,6-Dinitrotoluene	ND	350	ug/Kg	05/20/09		HM	SW 8270
2-Chloronaphthalene	ND	350	ug/Kg	05/20/09		HM	SW 8270
2-Chlorophenol	ND	350	ug/Kg	05/20/09		HM	SW 8270

Client ID: SALEM SB-17A (0-2) Phoenix I.D.: AR67526

Parameter	Result	RL	Units	Date	Time	By	Reference
2-Methylnaphthalene	ND	350	ug/Kg	05/20/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	350	ug/Kg	05/20/09		HM	SW 8270
2-Nitroaniline	ND	560	ug/Kg	05/20/09		HM	SW 8270
2-Nitrophenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	05/20/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	420	ug/Kg	05/20/09		HM	SW 8270
3-Nitroaniline	ND	560	ug/Kg	05/20/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	05/20/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	05/20/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	420	ug/Kg	05/20/09		HM	SW 8270
4-Chloroaniline	ND	420	ug/Kg	05/20/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	350	ug/Kg	05/20/09		HM	SW 8270
4-Nitroaniline	ND	560	ug/Kg	05/20/09		HM	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	05/20/09		HM	SW 8270
Acenaphthene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Acenaphthylene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Acetophenone	ND	350	ug/Kg	05/20/09		HM	SW 8270
Aniline	ND	1000	ug/Kg	05/20/09		HM	SW 8270
Anthracene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Azobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Benz(a)anthracene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Benzidine	ND	350	ug/Kg	05/20/09		HM	SW 8270
Benzo(a)pyrene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Benzo(b)fluoranthene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Benzo(ghi)perylene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Benzo(k)fluoranthene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Benzoic acid	ND	1000	ug/Kg	05/20/09		HM	SW 8270
Benzyl butyl phthalate	ND	350	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	350	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	350	ug/Kg	05/20/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	350	ug/Kg	05/20/09		HM	SW 8270
Carbazole	ND	1000	ug/Kg	05/20/09		HM	SW 8270
Chrysene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Dibenzofuran	ND	350	ug/Kg	05/20/09		HM	SW 8270
Diethyl phthalate	ND	350	ug/Kg	05/20/09		HM	SW 8270
Dimethylphthalate	ND	350	ug/Kg	05/20/09		HM	SW 8270
Di-n-butylphthalate	ND	350	ug/Kg	05/20/09		HM	SW 8270
Di-n-octylphthalate	ND	350	ug/Kg	05/20/09		HM	SW 8270
Fluoranthene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Fluorene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Hexachlorobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Hexachlorobutadiene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Hexachloroethane	ND	350	ug/Kg	05/20/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Isophorone	ND	350	ug/Kg	05/20/09		HM	SW 8270
Naphthalene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Nitrobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	05/20/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	350	ug/Kg	05/20/09		HM	SW 8270

Client ID: SALEM SB-17A (0-2) Phoenix I.D.: AR67526

Parameter	Result	RL	Units	Date	Time	By	Reference
N-Nitrosodiphenylamine	ND	350	ug/Kg	05/20/09		HM	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Pentachlorophenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
Phenanthrene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Phenol	ND	350	ug/Kg	05/20/09		HM	SW 8270
Pyrene	ND	350	ug/Kg	05/20/09		HM	SW 8270
Pyridine	ND	350	ug/Kg	05/20/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	69		%	05/20/09		HM	SW 8270
% 2-Fluorobiphenyl	66		%	05/20/09		HM	SW 8270
% 2-Fluorophenol	78		%	05/20/09		HM	SW 8270
% Nitrobenzene-d5	55		%	05/20/09		HM	SW 8270
% Phenol-d5	75		%	05/20/09		HM	SW 8270
% Terphenyl-d14	60		%	05/20/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	10	mg/Kg	05/21/09		JRB	M8100CT
Identification	ND		mg/Kg	05/21/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	83		%	05/21/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1221	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1232	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1242	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1248	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1254	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1260	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1262	ND	340	ug/Kg	05/21/09		KCA	SW 8082
PCB-1268	ND	340	ug/Kg	05/21/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	86		%	05/21/09		KCA	SW 8082
% TCMX	79		%	05/21/09		KCA	SW 8082

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

Comments:

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/09	14:30
Location Code:	TRC	Received by:	LB	05/19/09	16:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67503
Phoenix I.D.: AR67527

Client ID: SALEM SB-21 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	05/26/09		LK	SW6010
Arsenic	< 0.8	0.8	mg/Kg	05/26/09		LK	SW6010
Barium	52.7	0.40	mg/Kg	05/26/09		LK	SW6010
Beryllium	< 0.32	0.32	mg/Kg	05/26/09		LK	SW6010
Cadmium	< 0.40	0.40	mg/Kg	05/26/09		LK	SW6010
Chromium	9.98	0.40	mg/Kg	05/26/09		LK	SW6010
Copper	11.3	0.40	mg/kg	05/26/09		EK	SW6010
Mercury	< 0.08	0.08	mg/Kg	05/21/09		TH	SW-7471
Nickel	6.62	0.40	mg/Kg	05/26/09		LK	SW6010
Lead	23.7	0.40	mg/Kg	05/26/09		LK	SW6010
Antimony	< 4.0	4.0	mg/Kg	05/26/09		LK	SW6010
Selenium	< 2.0	2.0	mg/Kg	05/26/09		LK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/11/09		LK	E1312/SW6010
SPLP Barium	0.064	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/11/09		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	0.018	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/11/09		LK	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	0.075	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 3.6	3.6	mg/Kg	05/26/09		LK	SW6010
Vanadium	14.7	0.40	mg/Kg	05/26/09		LK	SW6010
Zinc	395	4.0	mg/Kg	05/28/09		EK	SW6010

Client ID: SALEM SB-21 (0-2) Phoenix I.D.: AR67527

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	84		%	05/19/09		M-JL	E160.3
Soil Extraction for PCB	Completed			05/19/09		QB/D	SW3545
Soil Extraction for SVOA	Completed			05/19/09		QS/D	SW3545
Extraction of CT ETPH	Completed			05/19/09		QS/D	3545
Mercury Digestion	Completed			05/21/09		E	SW7471
SPLP PCB Extraction	Completed			05/22/09		D/D/K	SW3510/3520
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
SPLP Extraction for Organics	Completed			05/19/09		E	EPA1312
Total Metals Digest	Completed			05/20/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/19/09		TRC	SW5035 1
SPLP Polychlorinated Biphenyls							
PCB-1016	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1221	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1232	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1242	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1248	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1254	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1260	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1262	ND	1.0	ug/L	05/26/09		KCA	SW8082
PCB-1268	ND	1.0	ug/L	05/26/09		KCA	SW8082
QA/QC Surrogates							
%DCBP (Surrogate Rec)	50		%	05/26/09		KCA	SW8082
%TCMX (Surrogate Rec)	59		%	05/26/09		KCA	SW8082
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,1,1-Trichloroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,1,2-Trichloroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloroethene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,1-Dichloropropene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2,3-Trichloropropane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichlorobenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichloroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,2-Dichloropropane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,3-Dichlorobenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,3-Dichloropropane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
1,4-Dichlorobenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
2,2-Dichloropropane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
2-Chlorotoluene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
2-Hexanone	ND	24	ug/Kg	05/21/09		R/J	SW8260
2-Isopropyltoluene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
4-Chlorotoluene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260

Client ID: SALEM SB-21 (0-2)

Phoenix I.D.: AR67527

Parameter	Result	RL	Units	Date	Time	By	Reference
4-Methyl-2-pentanone	ND	24	ug/Kg	05/21/09		R/J	SW8260
Acetone	ND	96	ug/Kg	05/21/09		R/J	SW8260
Acrylonitrile	ND	9.6	ug/Kg	05/21/09		R/J	SW8260
Benzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Bromobenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Bromochloromethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Bromodichloromethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Bromoform	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Bromomethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Carbon Disulfide	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Carbon tetrachloride	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Chlorobenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Chloroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Chloroform	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Chloromethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
cis-1,2-Dichloroethene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
cis-1,3-Dichloropropene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Dibromochloromethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Dibromoethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Dibromomethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Dichlorodifluoromethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Ethylbenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Hexachlorobutadiene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Isopropylbenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
m&p-Xylene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Methyl Ethyl Ketone	ND	29	ug/Kg	05/21/09		R/J	SW8260
Methyl t-butyl ether (MTBE)	ND	9.6	ug/Kg	05/21/09		R/J	SW8260
Methylene chloride	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Naphthalene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
n-Butylbenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
n-Propylbenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
o-Xylene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
p-Isopropyltoluene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
sec-Butylbenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Styrene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
tert-Butylbenzene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Tetrachloroethene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Tetrahydrofuran (THF)	ND	9.6	ug/Kg	05/21/09		R/J	SW8260
Toluene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Total Xylenes	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
trans-1,2-Dichloroethene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
trans-1,3-Dichloropropene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
trans-1,4-dichloro-2-butene	ND	9.6	ug/Kg	05/21/09		R/J	SW8260
Trichloroethene	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Trichlorofluoromethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Trichlorotrifluoroethane	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
Vinyl chloride	ND	4.8	ug/Kg	05/21/09		R/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/21/09		R/J	SW8260
% Bromofluorobenzene	84		%	05/21/09		R/J	SW8260
% Dibromofluoromethane	102		%	05/21/09		R/J	SW8260
% Toluene-d8	94		%	05/21/09		R/J	SW8260

Client ID: SALEM SB-21 (0-2) Phoenix I.D.: AR67527

Parameter	Result	RL	Units	Date	Time	By	Reference
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	390	ug/Kg	05/20/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	390	ug/Kg	05/20/09		HM	SW 8270
1,2-Dichlorobenzene	ND	390	ug/Kg	05/20/09		HM	SW 8270
1,3-Dichlorobenzene	ND	390	ug/Kg	05/20/09		HM	SW 8270
1,4-Dichlorobenzene	ND	390	ug/Kg	05/20/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	390	ug/Kg	05/20/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	390	ug/Kg	05/20/09		HM	SW 8270
2,4-Dichlorophenol	ND	390	ug/Kg	05/20/09		HM	SW 8270
2,4-Dimethylphenol	ND	390	ug/Kg	05/20/09		HM	SW 8270
2,4-Dinitrophenol	ND	620	ug/Kg	05/20/09		HM	SW 8270
2,4-Dinitrotoluene	ND	390	ug/Kg	05/20/09		HM	SW 8270
2,6-Dinitrotoluene	ND	390	ug/Kg	05/20/09		HM	SW 8270
2-Chloronaphthalene	ND	390	ug/Kg	05/20/09		HM	SW 8270
2-Chlorophenol	ND	390	ug/Kg	05/20/09		HM	SW 8270
2-Methylnaphthalene	ND	390	ug/Kg	05/20/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	390	ug/Kg	05/20/09		HM	SW 8270
2-Nitroaniline	ND	620	ug/Kg	05/20/09		HM	SW 8270
2-Nitrophenol	ND	390	ug/Kg	05/20/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	05/20/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	470	ug/Kg	05/20/09		HM	SW 8270
3-Nitroaniline	ND	620	ug/Kg	05/20/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	05/20/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	390	ug/Kg	05/20/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	470	ug/Kg	05/20/09		HM	SW 8270
4-Chloroaniline	ND	470	ug/Kg	05/20/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	390	ug/Kg	05/20/09		HM	SW 8270
4-Nitroaniline	ND	620	ug/Kg	05/20/09		HM	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	05/20/09		HM	SW 8270
Acenaphthene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Acenaphthylene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Acetophenone	ND	390	ug/Kg	05/20/09		HM	SW 8270
Aniline	ND	1100	ug/Kg	05/20/09		HM	SW 8270
Anthracene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Azobenzene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Benz(a)anthracene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Benzidine	ND	390	ug/Kg	05/20/09		HM	SW 8270
Benzo(a)pyrene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Benzo(b)fluoranthene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Benzo(ghi)perylene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Benzo(k)fluoranthene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Benzoic acid	ND	1100	ug/Kg	05/20/09		HM	SW 8270
Benzyl butyl phthalate	ND	390	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	390	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	390	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	390	ug/Kg	05/20/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	390	ug/Kg	05/20/09		HM	SW 8270
Carbazole	ND	1100	ug/Kg	05/20/09		HM	SW 8270
Chrysene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Dibenzofuran	ND	390	ug/Kg	05/20/09		HM	SW 8270

Client ID: SALEM SB-21 (0-2) Phoenix I.D.: AR67527

Parameter	Result	RL	Units	Date	Time	By	Reference
Diethyl phthalate	ND	390	ug/Kg	05/20/09		HM	SW 8270
Dimethylphthalate	ND	390	ug/Kg	05/20/09		HM	SW 8270
Di-n-butylphthalate	ND	390	ug/Kg	05/20/09		HM	SW 8270
Di-n-octylphthalate	ND	390	ug/Kg	05/20/09		HM	SW 8270
Fluoranthene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Fluorene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Hexachlorobenzene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Hexachlorobutadiene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Hexachloroethane	ND	390	ug/Kg	05/20/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Isophorone	ND	390	ug/Kg	05/20/09		HM	SW 8270
Naphthalene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Nitrobenzene	ND	390	ug/Kg	05/20/09		HM	SW 8270
N-Nitrosodimethylamine	ND	390	ug/Kg	05/20/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	390	ug/Kg	05/20/09		HM	SW 8270
N-Nitrosodiphenylamine	ND	390	ug/Kg	05/20/09		HM	SW 8270
Pentachloronitrobenzene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Pentachlorophenol	ND	390	ug/Kg	05/20/09		HM	SW 8270
Phenanthrene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Phenol	ND	390	ug/Kg	05/20/09		HM	SW 8270
Pyrene	ND	390	ug/Kg	05/20/09		HM	SW 8270
Pyridine	ND	390	ug/Kg	05/20/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	84		%	05/20/09		HM	SW 8270
% 2-Fluorobiphenyl	71		%	05/20/09		HM	SW 8270
% 2-Fluorophenol	85		%	05/20/09		HM	SW 8270
% Nitrobenzene-d5	64		%	05/20/09		HM	SW 8270
% Phenol-d5	80		%	05/20/09		HM	SW 8270
% Terphenyl-d14	72		%	05/20/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	12	mg/Kg	05/21/09		JRB	M8100CT
Identification	ND		mg/Kg	05/21/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	70		%	05/21/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	390	ug/Kg	05/21/09		KCA	SW 8082
PCB-1221	ND	390	ug/Kg	05/21/09		KCA	SW 8082
PCB-1232	ND	390	ug/Kg	05/21/09		KCA	SW 8082
PCB-1242	ND	390	ug/Kg	05/21/09		KCA	SW 8082
PCB-1248	ND	390	ug/Kg	05/21/09		KCA	SW 8082
PCB-1254	ND	390	ug/Kg	05/21/09		KCA	SW 8082
PCB-1260	ND	390	ug/Kg	05/21/09		KCA	SW 8082
PCB-1262	ND	390	ug/Kg	05/21/09		KCA	SW 8082
PCB-1268	ND	390	ug/Kg	05/21/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	64		%	05/21/09		KCA	SW 8082
% TCMX	78		%	05/21/09		KCA	SW 8082

Client ID: SALEM SB-21 (0-2) Phoenix I.D.: AR67527

Parameter	Result	RL	Units	Date	Time	By	Reference

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

Comments:

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

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

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

June 22, 2009

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

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/19/09	15:20
Location Code:	TRC	Received by:	LB	05/19/09	16:30
Rush Request:		Analyzed by:	see "By" below		
P.O.#:	12444				

Laboratory Data

SDG I.D.: GAR67503
Phoenix I.D.: AR67529

Client ID: SALEM SB-22 (0-2)

Parameter	Result	RL	Units	Date	Time	By	Reference
Silver	< 0.45	0.45	mg/Kg	05/26/09		LK	SW6010
Arsenic	1.3	0.9	mg/Kg	05/26/09		LK	SW6010
Barium	78.3	0.45	mg/Kg	05/26/09		LK	SW6010
Beryllium	0.41	0.36	mg/Kg	05/26/09		LK	SW6010
Cadmium	0.55	0.45	mg/Kg	05/26/09		LK	SW6010
Chromium	15.9	0.45	mg/Kg	05/26/09		LK	SW6010
Copper	16.8	0.45	mg/kg	05/26/09		EK	SW6010
Mercury	< 0.09	0.09	mg/Kg	05/21/09		TH	SW-7471
Nickel	8.93	0.45	mg/Kg	05/26/09		LK	SW6010
Lead	69.8	0.45	mg/Kg	05/26/09		LK	SW6010
Antimony	< 4.5	4.5	mg/Kg	05/26/09		LK	SW6010
Selenium	< 2.2	2.2	mg/Kg	05/26/09		LK	SW6010
SPLP Silver	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Arsenic	< 0.004	0.004	mg/L	06/11/09		LK	E1312/SW6010
SPLP Barium	0.085	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Beryllium	< 0.001	0.001	mg/L	06/11/09		LK	E1312/SW6010
SPLP Cadmium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Chromium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Copper	0.020	0.010	mg/L	06/11/09		EK	E1312/SW6010
SPLP Mercury	< 0.001	0.001	mg/L	06/11/09		RS	1312/245.1
SPLP Nickel	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Lead	0.031	0.015	mg/L	06/11/09		LK	E1312/SW6010
SPLP Antimony	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Selenium	< 0.020	0.020	mg/L	06/11/09		LK	E1312/SW6010
SPLP Thallium	< 0.005	0.005	mg/L	06/11/09		LK	E1312/SW6010
SPLP Vanadium	< 0.010	0.010	mg/L	06/11/09		LK	E1312/SW6010
SPLP Zinc	0.043	0.010	mg/L	06/11/09		LK	E1312/SW6010
Thallium	< 4.0	4.0	mg/Kg	05/26/09		LK	SW6010
Vanadium	21.4	0.45	mg/Kg	05/26/09		LK	SW6010
Zinc	146	0.45	mg/Kg	05/26/09		EK	SW6010

Client ID: SALEM SB-22 (0-2) Phoenix I.D.: AR67529

Parameter	Result	RL	Units	Date	Time	By	Reference
Percent Solid	80		%	05/19/09		M-JL	E160.3
Soil Extraction for PCB	Completed			05/19/09		QB/D	SW3545
Soil Extraction for SVOA	Completed			05/19/09		QS/D	SW3545
Extraction of CT ETPH	Completed			05/19/09		QS/D	3545
Mercury Digestion	Completed			05/21/09		E	SW7471
SPLP Digestion Mercury	Completed			06/11/09		E	E1312/SW7470
SPLP Extraction for Metals	Completed			06/10/09		E	EPA 1312
Total Metals Digest	Completed			05/20/09		AG/T	SW846 - 3050
SPLP Metals Digestion	Completed			06/11/09		E	SW846-3005
Field Extraction	Completed			05/19/09		TRC	SW5035 1
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,2,3-Trichloropropane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
2-Hexanone	ND	27	ug/Kg	05/27/09		H/J	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
4-Methyl-2-pentanone	ND	27	ug/Kg	05/27/09		H/J	SW8260
Acetone	ND	110	ug/Kg	05/27/09		H/J	SW8260
Acrylonitrile	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Benzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Bromobenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Bromochloromethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Bromodichloromethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Bromoform	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Bromomethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Carbon Disulfide	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Carbon tetrachloride	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Chlorobenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Chloroethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Chloroform	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Chloromethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260

Client ID: SALEM SB-22 (0-2) Phoenix I.D.: AR67529

Parameter	Result	RL	Units	Date	Time	By	Reference
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Dibromochloromethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Dibromoethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Dibromomethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Dichlorodifluoromethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Ethylbenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Hexachlorobutadiene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Isopropylbenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
m&p-Xylene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Methyl Ethyl Ketone	ND	32	ug/Kg	05/27/09		H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	05/27/09		H/J	SW8260
Methylene chloride	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Naphthalene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
n-Butylbenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
n-Propylbenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
o-Xylene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
p-Isopropyltoluene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
sec-Butylbenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Styrene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
tert-Butylbenzene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Tetrachloroethene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	05/27/09		H/J	SW8260
Toluene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Total Xylenes	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	05/27/09		H/J	SW8260
Trichloroethene	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Trichlorofluoromethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Trichlorotrifluoroethane	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
Vinyl chloride	ND	5.4	ug/Kg	05/27/09		H/J	SW8260
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	95		%	05/27/09		H/J	SW8260
% Bromofluorobenzene	74		%	05/27/09		H/J	SW8260
% Dibromofluoromethane	102		%	05/27/09		H/J	SW8260
% Toluene-d8	91		%	05/27/09		H/J	SW8260
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	410	ug/Kg	05/20/09		HM	SW 8270
1,2,4-Trichlorobenzene	ND	410	ug/Kg	05/20/09		HM	SW 8270
1,2-Dichlorobenzene	ND	410	ug/Kg	05/20/09		HM	SW 8270
1,3-Dichlorobenzene	ND	410	ug/Kg	05/20/09		HM	SW 8270
1,4-Dichlorobenzene	ND	410	ug/Kg	05/20/09		HM	SW 8270
2,4,5-Trichlorophenol	ND	410	ug/Kg	05/20/09		HM	SW 8270
2,4,6-Trichlorophenol	ND	410	ug/Kg	05/20/09		HM	SW 8270
2,4-Dichlorophenol	ND	410	ug/Kg	05/20/09		HM	SW 8270
2,4-Dimethylphenol	ND	410	ug/Kg	05/20/09		HM	SW 8270
2,4-Dinitrophenol	ND	660	ug/Kg	05/20/09		HM	SW 8270
2,4-Dinitrotoluene	ND	410	ug/Kg	05/20/09		HM	SW 8270
2,6-Dinitrotoluene	ND	410	ug/Kg	05/20/09		HM	SW 8270
2-Chloronaphthalene	ND	410	ug/Kg	05/20/09		HM	SW 8270
2-Chlorophenol	ND	410	ug/Kg	05/20/09		HM	SW 8270

Client ID: SALEM SB-22 (0-2)

Phoenix I.D.: AR67529

Parameter	Result	RL	Units	Date	Time	By	Reference
2-Methylnaphthalene	ND	410	ug/Kg	05/20/09		HM	SW 8270
2-Methylphenol (o-cresol)	ND	410	ug/Kg	05/20/09		HM	SW 8270
2-Nitroaniline	ND	660	ug/Kg	05/20/09		HM	SW 8270
2-Nitrophenol	ND	410	ug/Kg	05/20/09		HM	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	410	ug/Kg	05/20/09		HM	SW 8270
3,3'-Dichlorobenzidine	ND	500	ug/Kg	05/20/09		HM	SW 8270
3-Nitroaniline	ND	660	ug/Kg	05/20/09		HM	SW 8270
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	05/20/09		HM	SW 8270
4-Bromophenyl phenyl ether	ND	410	ug/Kg	05/20/09		HM	SW 8270
4-Chloro-3-methylphenol	ND	500	ug/Kg	05/20/09		HM	SW 8270
4-Chloroaniline	ND	500	ug/Kg	05/20/09		HM	SW 8270
4-Chlorophenyl phenyl ether	ND	410	ug/Kg	05/20/09		HM	SW 8270
4-Nitroaniline	ND	660	ug/Kg	05/20/09		HM	SW 8270
4-Nitrophenol	ND	1200	ug/Kg	05/20/09		HM	SW 8270
Acenaphthene	ND	410	ug/Kg	05/20/09		HM	SW 8270
Acenaphthylene	ND	410	ug/Kg	05/20/09		HM	SW 8270
Acetophenone	ND	410	ug/Kg	05/20/09		HM	SW 8270
Aniline	ND	1200	ug/Kg	05/20/09		HM	SW 8270
Anthracene	ND	410	ug/Kg	05/20/09		HM	SW 8270
Azobenzene	ND	410	ug/Kg	05/20/09		HM	SW 8270
Benz(a)anthracene	590	410	ug/Kg	05/20/09		HM	SW 8270
Benzidine	ND	410	ug/Kg	05/20/09		HM	SW 8270
Benzo(a)pyrene	530	410	ug/Kg	05/20/09		HM	SW 8270
Benzo(b)fluoranthene	740	410	ug/Kg	05/20/09		HM	SW 8270
Benzo(ghi)perylene	ND	410	ug/Kg	05/20/09		HM	SW 8270
Benzo(k)fluoranthene	ND	410	ug/Kg	05/20/09		HM	SW 8270
Benzoic acid	ND	1200	ug/Kg	05/20/09		HM	SW 8270
Benzyl butyl phthalate	ND	410	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroethoxy)methane	ND	410	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroethyl)ether	ND	410	ug/Kg	05/20/09		HM	SW 8270
Bis(2-chloroisopropyl)ether	ND	410	ug/Kg	05/20/09		HM	SW 8270
Bis(2-ethylhexyl)phthalate	ND	410	ug/Kg	05/20/09		HM	SW 8270
Carbazole	ND	1200	ug/Kg	05/20/09		HM	SW 8270
Chrysene	830	410	ug/Kg	05/20/09		HM	SW 8270
Dibenz(a,h)anthracene	ND	410	ug/Kg	05/20/09		HM	SW 8270
Dibenzofuran	ND	410	ug/Kg	05/20/09		HM	SW 8270
Diethyl phthalate	ND	410	ug/Kg	05/20/09		HM	SW 8270
Dimethylphthalate	ND	410	ug/Kg	05/20/09		HM	SW 8270
Di-n-butylphthalate	ND	410	ug/Kg	05/20/09		HM	SW 8270
Di-n-octylphthalate	ND	410	ug/Kg	05/20/09		HM	SW 8270
Fluoranthene	1300	410	ug/Kg	05/20/09		HM	SW 8270
Fluorene	ND	410	ug/Kg	05/20/09		HM	SW 8270
Hexachlorobenzene	ND	410	ug/Kg	05/20/09		HM	SW 8270
Hexachlorobutadiene	ND	410	ug/Kg	05/20/09		HM	SW 8270
Hexachlorocyclopentadiene	ND	410	ug/Kg	05/20/09		HM	SW 8270
Hexachloroethane	ND	410	ug/Kg	05/20/09		HM	SW 8270
Indeno(1,2,3-cd)pyrene	ND	410	ug/Kg	05/20/09		HM	SW 8270
Isophorone	ND	410	ug/Kg	05/20/09		HM	SW 8270
Naphthalene	ND	410	ug/Kg	05/20/09		HM	SW 8270
Nitrobenzene	ND	410	ug/Kg	05/20/09		HM	SW 8270
N-Nitrosodimethylamine	ND	410	ug/Kg	05/20/09		HM	SW 8270
N-Nitrosodi-n-propylamine	ND	410	ug/Kg	05/20/09		HM	SW 8270

Client ID: SALEM SB-22 (0-2) Phoenix I.D.: AR67529

Parameter	Result	RL	Units	Date	Time	By	Reference
N-Nitrosodiphenylamine	ND	410	ug/Kg	05/20/09		HM	SW 8270
Pentachloronitrobenzene	ND	410	ug/Kg	05/20/09		HM	SW 8270
Pentachlorophenol	ND	410	ug/Kg	05/20/09		HM	SW 8270
Phenanthrene	900	410	ug/Kg	05/20/09		HM	SW 8270
Phenol	ND	410	ug/Kg	05/20/09		HM	SW 8270
Pyrene	1400	410	ug/Kg	05/20/09		HM	SW 8270
Pyridine	ND	410	ug/Kg	05/20/09		HM	SW 8270
QA/QC Surrogates							
% 2,4,6-Tribromophenol	85		%	05/20/09		HM	SW 8270
% 2-Fluorobiphenyl	68		%	05/20/09		HM	SW 8270
% 2-Fluorophenol	87		%	05/20/09		HM	SW 8270
% Nitrobenzene-d5	66		%	05/20/09		HM	SW 8270
% Phenol-d5	82		%	05/20/09		HM	SW 8270
% Terphenyl-d14	70		%	05/20/09		HM	SW 8270
TPH by GC (Extractable Products)							
Ext. Petroleum HC	ND	25	mg/Kg	05/21/09		JRB	M8100CT
Identification	ND		mg/Kg	05/21/09		JRB	M8100CT
QA/QC Surrogates							
% n-Pentacosane	82		%	05/21/09		JRB	M8100CT
Polychlorinated Biphenyls							
PCB-1016	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1221	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1232	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1242	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1248	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1254	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1260	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1262	ND	410	ug/Kg	05/21/09		KCA	SW 8082
PCB-1268	ND	410	ug/Kg	05/21/09		KCA	SW 8082
QA/QC Surrogates							
% DCBP	66		%	05/21/09		KCA	SW 8082
% TCMX	66		%	05/21/09		KCA	SW 8082

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

Comments:

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

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

Phyllis Shiller

Phyllis Shiller, Laboratory Director
June 22, 2009

Reasonable Confidence Protocol
Laboratory Analysis QA/QC Certification Form

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

Project Location: SALEM **Project Number:**

Laboratory Sample ID(s): AR67503, AR67504, AR67505, AR67506, AR67507, AR67508, AR67509, AR67510, AR67511, AR67512, AR67513, AR67514, AR67515, AR67516, AR67517, AR67518, AR67519, AR67520, AR67521, AR67522, AR67523, AR67524, AR67525, AR67526, AR67527, AR67528, AR67529, AR67628

Sampling Date(s): 5/19/2009

RCP Methods Used:

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

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

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

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

Authorized Signature: _____

Date: Tuesday, June 23, 2009

Printed Name: Greg Lawrence

Position: Project Manager

PHOENIX

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

June 23, 2009

SDG I.D.: GAR67503

For SPLP 8270 only the PAH constituents are reported as requested on the chain-of-custody.

For some of the samples, several of the 8270 constituents did not meet criteria due to the concentration of other target compounds.

For sample ID AR67512 several of the volatile organic constituents did not meet the requested criteria due to an elevated reporting limit because of the presence of non-target compounds.

Thallium Narration

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

Instrument: Deutrium 05/20/09-1 (AR67503, AR67508, AR67518, AR67519, AR67528)

The initial calibration met all criteria including a standard run at 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: 5/20/2009

QC (Batch Specific)

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

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

ETPH Narration

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

Several of the discrimination check standards did not meet criteria for some of the beginning alkanes. Since the ETPH detected in the samples was above this range, no significant analytical bias is suspected.

Instrument: Au-fid1 05/20/09-1 (AR67506, AR67507)

Initial Calibration (AUFID-1-041609) - The initial calibration curve had a %RSD less than 30%, which is within method criteria.

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

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: There were no outliers.

Printed Name Jeff Bucko
Position: Chemist
Date: 5/20/2009

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RCP Certification Report

June 23, 2009

SDG I.D.: GAR67503

Instrument: Au-fid1 05/21/09-2 (AR67513, AR67514, AR67516, AR67520, AR67523, AR67526)

Initial Calibration (AUFID-1-041609) - The initial calibration curve had a %RSD less than 30%, which is within method criteria.

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

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: There were no outliers.

Printed Name Jeff Bucko
Position: Chemist
Date: 5/21/2009

Instrument: Au-fid1 05/22/09-1 (AR67509, AR67521)

Initial Calibration (AUFID-1-041609) - The initial calibration curve had a %RSD less than 30%, which is within method criteria.

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

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: There were no outliers.

Printed Name Jeff Bucko
Position: Chemist
Date: 5/22/2009

Instrument: Au-xl1 05/21/09-2 (AR67527, AR67528)

Initial Calibration (AUXL1-042409) - The initial calibration curve had a %RSD less than 30%, which is within method criteria.

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 continaed the following outliers:C9, C10, C12

Printed Name Jeff Bucko
Position: Chemist
Date: 5/21/2009

Instrument: Au-xl1 05/21/09-3 (AR67510, AR67511, AR67512, AR67515, AR67517, AR67522, AR67524, AR67525, AR67529)

Initial Calibration (AUXL1-042409) - The initial calibration curve had a %RSD less than 30%, which is within method criteria.

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 continaed the following outliers:C9, C10

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RCP Certification Report

June 23, 2009

SDG I.D.: GAR67503

Printed Name Jeff Bucko
Position: Chemist
Date: 5/21/2009

Instrument: Dual_fid1 05/20/09-1 (AR67518)

Initial Calibration (AUXL1-041709) - The initial calibration curve had a %RSD less than 30%, which is within method criteria.

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

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: There were no outliers.

Printed Name Jeff Bucko
Position: Chemist
Date: 5/20/2009

Instrument: Dual_fid1 05/20/09-2 (AR67503, AR67505, AR67508)

Initial Calibration (AUXL1-041709) - The initial calibration curve had a %RSD less than 30%, which is within method criteria.

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 on the A-side.

Printed Name Jeff Bucko
Position: Chemist
Date: 5/20/2009

QC Comments: QC Batch 27524 05/19/09 (AR67503, AR67508, AR67518)

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

QC (Batch Specific)

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

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

Mercury Narration

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

Instrument: Merlin 05/20/09-1 (AR67503, AR67505, AR67508, AR67518, AR67519, AR67528)

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.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

June 23, 2009

SDG I.D.: GAR67503

Printed Name Rick Schweitzer
Position: Chemist
Date: 5/20/2009

Instrument: Merlin 06/11/09-1 (AR67506, AR67507, AR67510, AR67512, AR67514, AR67516, AR67521, AR67522, AR67526, AR67527, AR67529)

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

Printed Name Rick Schweitzer
Position: Chemist
Date: 6/11/2009

QC (Site Specific)

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

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

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

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

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

QC (Batch Specific)

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

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

ICP Narration

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

Instrument: Icp7 05/23/09-1 (AR67505, AR67506, AR67507, AR67509, AR67510, AR67511, AR67512, AR67513, AR67514, AR67515, AR67516, AR67517, AR67520, AR67521, AR67522, AR67523)

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

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RCP Certification Report

June 23, 2009

SDG I.D.: GAR67503

Printed Name Laura Kinnin
Position: Chemist
Date: 5/23/2009

Instrument: Icp7 05/26/09-1 (AR67524, AR67525, AR67526, AR67527, AR67529)

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

Printed Name Laura Kinnin
Position: Chemist
Date: 5/26/2009

Instrument: Icp7 05/27/09-1 (AR67505, AR67510, AR67512, AR67526, AR67527)

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

Printed Name Laura Kinnin
Position: Chemist
Date: 5/27/2009

Instrument: Icp7 06/11/09-1 (AR67522, AR67526, AR67527, AR67529)

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

Printed Name Laura Kinnin
Position: Chemist
Date: 6/11/2009

Instrument: Icp7 06/19/09-1 (AR67506, AR67507, AR67510, AR67512, AR67514, AR67516, AR67521)

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 Tina Hall
Position: Chemist
Date: 6/19/2009

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RCP Certification Report

June 23, 2009

SDG I.D.: GAR67503

Instrument: Icp9 05/21/09-1 (AR67503, AR67508, AR67518, AR67519, AR67528)

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: 5/21/2009

Instrument: Icp9 05/24/09-1 (AR67524, AR67525, AR67526, AR67527, AR67529)

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: 5/24/2009

Instrument: Icp9 05/26/09-1 (AR67503, AR67508, AR67518, AR67519, AR67528)

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: 5/26/2009

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SDG I.D.: GAR67503

QC (Site Specific)

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

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

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

All MSD recoveries were within 75 - 125 with the following exceptions: None.
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

QC (Batch Specific)

All LCS recoveries were within 75 - 125 with the following exceptions: Copper

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

PAHSIM Narration

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

QC Comments: QC Batch 27628 05/20/09 (AR67520)

A LCS and LCS Duplicate were performed AS WELL AS a matrix spike and matrix spike duplicate.

QC (Batch Specific)

All LCS recoveries were within 20 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2-Nitroaniline, 2-Nitrophenol, 3&4-Methylphenol (m&p-cresol), 3-Nitroaniline, 4,6-Dinitro-2-methylphenol, 4-Chloroaniline, 4-Nitrophenol, Hexachlorocyclopentadiene, N-Nitrosodimethylamine, Pyridine

All LCSD recoveries were within 20 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2-Methylphenol (o-cresol), 2-Nitroaniline, 3&4-Methylphenol (m&p-cresol), 3-Nitroaniline, 4-Nitrophenol, Hexachlorocyclopentadiene, Pyridine

PCB Narration

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

Instrument: Au-ecd4 05/20/09-1 (AR67505, AR67506, AR67507, AR67509, AR67510, AR67511, AR67512, AR67513, AR67514, AR67515, AR67516, AR67517)

8082 Narration:

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 5/20/2009

Instrument: Au-ecd4 05/21/09-1 (AR67506, AR67507, AR67510, AR67512, AR67515, AR67516)

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June 23, 2009

SDG I.D.: GAR67503

8082 Narration:

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 5/21/2009

Instrument: Au-ecd4 05/22/09-1 (AR67518, AR67519, AR67521, AR67523, AR67527)

8082 Narration:

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 5/22/2009

Instrument: Au-ecd8 05/20/09-1 (AR67520, AR67521, AR67522, AR67523, AR67524, AR67525, AR67526, AR67527, AR67529)

8082 Narration:

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 5/20/2009

Instrument: Au-ecd8 05/21/09-1 (AR67503, AR67508)

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: 5/21/2009

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SDG I.D.: GAR67503

Instrument: Au-ecd8 05/23/09-1 (AR67528)

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: 5/23/2009

Instrument: Au-ecd8 05/26/09-1 (AR67528)

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: 5/26/2009

QC Comments: QC Batch 27532 05/19/09 (AR67506, AR67507, AR67510, AR67512, AR67515, AR67516)

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

QC Comments: QC Batch 27632 05/20/09 (AR67503, AR67508)

A LCS and LCS Duplicate were performed AS WELL AS a matrix spike and matrix spike duplicate.

QC Comments: QC Batch 27759 05/22/09 (AR67521, AR67523, AR67527)

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

QC (Site Specific)

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

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

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

QC (Batch Specific)

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

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

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SDG I.D.: GAR67503

SVOA Narration

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

Instrument: Chem04 05/20/09-1 (AR67505, AR67506, AR67507, AR67509, AR67510, AR67511)

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

Initial Calibration (Chem04/SV_0510):
Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Benzyl alcohol, 4-nitroaniline, Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 2-nitroaniline, Pentachlorophenol

The following compounds failed to meet the minimum required response factor: 2-nitrophenol

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: 3-Nitroaniline

Printed Name Harry Mullin
Position: Chemist
Date: 5/20/2009

Instrument: Chem06 05/20/09-1 (AR67512, AR67513, AR67514, AR67515, AR67516, AR67517, AR67520, AR67521, AR67522, AR67523, AR67524, AR67525, AR67526, AR67527, AR67529)

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: Benzoic Acid, 4-chloroaniline, 2,4-dinitrophenol, 2-nitroaniline Pentachlorophenol

The following compounds failed to meet the minimum required response factor: 2-nitrophenol

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

Printed Name Harry Mullin
Position: Chemist
Date: 5/20/2009

Instrument: Chem09 05/21/09-1 (AR67506, AR67507, AR67510, AR67514, AR67515, AR67517, AR67521, AR67522)

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

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SDG I.D.: GAR67503

Initial Calibration (Chem09/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: Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 2-nitroaniline, Pentachlorophenol

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

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

Printed Name Harry Mullin
Position: Chemist
Date: 5/21/2009

Instrument: Chem09 05/22/09-1 (AR67506, AR67510, AR67517, AR67521)

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

Initial Calibration (Chem09/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: Hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 2-nitroaniline, Pentachlorophenol

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

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

Printed Name Harry Mullin
Position: Chemist
Date: 5/22/2009

QC Comments: QC Batch 27628 05/20/09 (AR67520)

A LCS and LCS Duplicate were performed AS WELL AS a matrix spike and matrix spike duplicate.

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SDG I.D.: GAR67503

QC (Site Specific)

All LCS recoveries were within 20 - 130 with the following exceptions: 2,4-Dinitrophenol, 2-Nitroaniline, 4,6-Dinitro-2-methylphenol, 4-Chloroaniline

All LCSD recoveries were within 20 - 130 with the following exceptions: 2,4-Dinitrophenol, 2-Nitroaniline, 3-Nitroaniline, 4,6-Dinitro-2-methylphenol, 4-Chloroaniline

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

All MSD recoveries were within 30 - 130 with the following exceptions: 2,4-Dinitrophenol, 3-Nitroaniline

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

QC (Batch Specific)

All LCS recoveries were within 20 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2-Nitroaniline, 2-Nitrophenol, 3&4-Methylphenol (m&p-cresol), 3-Nitroaniline, 4,6-Dinitro-2-methylphenol, 4-Chloroaniline, 4-Nitrophenol, Hexachlorocyclopentadiene, N-Nitrosodimethylamine, Pyridine

All LCSD recoveries were within 20 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2-Methylphenol (o-cresol), 2-Nitroaniline, 3&4-Methylphenol (m&p-cresol), 3-Nitroaniline, 4-Nitrophenol, Hexachlorocyclopentadiene, Pyridine

SVOASIM Narration

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

Instrument: Chem06 05/26/09-1 (AR67520)

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 (Chem06/SIM_0521):
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:

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

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

Printed Name Keith Aloisa
Position: Chemist
Date: 5/26/2009

QC Comments: QC Batch 27523 05/19/09 (AR67503, AR67508, AR67518, AR67519, AR67528)

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

QC Comments: QC Batch 27628 05/20/09 (AR67520)

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SDG I.D.: GAR67503

A LCS and LCS Duplicate were performed AS WELL AS a matrix spike and matrix spike duplicate.

QC (Batch Specific)

All LCS recoveries were within 20 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2-Nitroaniline, 2-Nitrophenol, 3&4-Methylphenol (m&p-cresol), 3-Nitroaniline, 4,6-Dinitro-2-methylphenol, 4-Chloroaniline, 4-Nitrophenol, Hexachlorocyclopentadiene, N-Nitrosodimethylamine, Pyridine

All LCSD recoveries were within 20 - 130 with the following exceptions: 2,4-Dimethylphenol, 2,4-Dinitrophenol, 2-Methylphenol (o-cresol), 2-Nitroaniline, 3&4-Methylphenol (m&p-cresol), 3-Nitroaniline, 4-Nitrophenol, Hexachlorocyclopentadiene, Pyridine

VOA Narration

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

Instrument: Chem01 05/19/09-2 (AR67505)

Initial Calibration Verification (CHEM01/RCP_051309):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: 2-hexanone

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

Printed Name Johanna Harrington
Position: Chemist
Date: 5/19/2009

Instrument: Chem01 05/20/09-2 (AR67525, AR67526, AR67527, AR67628)

Initial Calibration Verification (CHEM01/RCP_051309):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: 2-hexanone

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: Acetone, Methyl Ethyl Ketone

Printed Name Johanna Harrington
Position: Chemist
Date: 5/20/2009

Instrument: Chem01 05/27/09-1 (AR67529)

Initial Calibration Verification (CHEM01/RCP_051309):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: 2-hexanone

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SDG I.D.: GAR67503

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

Printed Name Johanna Harrington
Position: Chemist
Date: 5/27/2009

Instrument: Chem02 05/19/09-1 (AR67503, AR67528)

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

P-Side
Initial Calibration (0511P09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: Methyl Ethyl Ketone, 1,1,2,2-Tetrachloroethane

Q-Side
Initial Calibration (0511Q09)
All SPCCs, CCCs and >80% of target compounds met criteria.

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

Printed Name Johanna Harrington
Position: Chemist
Date: 5/19/2009

Instrument: Chem02 05/20/09-2 (AR67508, AR67518, AR67519)

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

P-Side
Initial Calibration (0520P09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:

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SDG I.D.: GAR67503

All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%:

Q-Side
Initial Calibration (0520Q09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%:

Printed Name Johanna Harrington
Position: Chemist
Date: 5/20/2009

Instrument: Chem02 05/21/09-2 (AR67508)

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

P-Side
Initial Calibration (0520P09)
All SPCCs, CCCs and >80% of target compounds met criteria.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: Vinyl Chloride, 2,2-Dichloropropane, 2-Hexanone

Q-Side
Initial Calibration (0520Q09)
All SPCCs, CCCs and >80% of target compounds met criteria.

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

Printed Name Johanna Harrington
Position: Chemist
Date: 5/21/2009

Instrument: Chem11 05/18/09-4 (AR67506)

Initial Calibration Verification (CHEM11/RCP_051809):

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SDG I.D.: GAR67503

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

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

Printed Name Johanna Harrington
Position: Chemist
Date: 5/18/2009

Instrument: Chem11 05/20/09-1 (AR67504, AR67507, AR67509, AR67510, AR67511, AR67513, AR67514, AR67516, AR67517, AR67520, AR67521, AR67522, AR67523, AR67524)

Initial Calibration Verification (CHEM11/RCP_051809):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: Acetone.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: Acrolein, Acetone

Printed Name Johanna Harrington
Position: Chemist
Date: 5/20/2009

Instrument: Chem11 05/20/09-2 (AR67504, AR67507, AR67509, AR67510, AR67511, AR67513, AR67514, AR67515, AR67516, AR67517, AR67520, AR67521, AR67522, AR67523, AR67524)

Initial Calibration Verification (CHEM11/RCP_051809):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: Acetone.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%: Acrolein

Printed Name Johanna Harrington
Position: Chemist
Date: 5/20/2009

Instrument: Chem11 05/21/09-1 (AR67512)

Initial Calibration Verification (CHEM11/RCP_051809):

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

RCP Certification Report

June 23, 2009

SDG I.D.: GAR67503

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

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%: 1,1-Dichloroethane

Printed Name Johanna Harrington
Position: Chemist
Date: 5/21/2009

Instrument: Chem11 05/21/09-2 (AR67515)

Initial Calibration Verification (CHEM11/RCP_051809):
All SPCCs, CCCs and >80% of target compounds met criteria.
The following compounds had %RSDs >30%: Acetone.

Continuing Calibration Verification:
All SPCCs, CCCs and >80% of target compounds met criteria. Internal standards were within the 50%-200% deviation from the initial calibration.
The following compounds had % Deviations >30%:

Printed Name Johanna Harrington
Position: Chemist
Date: 5/21/2009

PHOENIX

Environmental Laboratories, Inc.
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RCP Certification Report

June 23, 2009

SDG I.D.: GAR67503

QC (Site Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: 2,2-Dichloropropane, Acetone

All LCSD recoveries were within 70 - 130 with the following exceptions: 1,1,2,2-Tetrachloroethane, 1,1-Dichloroethane, 2,2-Dichloropropane, Acetone, Acrylonitrile, Chloromethane, Dichlorodifluoromethane, Methylene chloride, Vinyl chloride

All MS recoveries were within 70 - 130 with the following exceptions: 1,1,2,2-Tetrachloroethane, 1,2,4-Trichlorobenzene, 2,2-Dichloropropane, 2-Hexanone, Acetone, Methyl ethyl ketone

All MSD recoveries were within 70 - 130 with the following exceptions: 1,1,2,2-Tetrachloroethane, 1,2,4-Trichlorobenzene, Acetone, Bromomethane, Methyl ethyl ketone, Trichloroethene

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

QC (Batch Specific)

All LCS recoveries were within 70 - 130 with the following exceptions: 1,1,2,2-Tetrachloroethane, 1,1-Dichloroethane, 1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 2,2-Dichloropropane, 2-Hexanone, Acetone, Acrylonitrile, Hexachlorobutadiene, Methyl ethyl ketone, Tetrachloroethene, trans-1,2-Dichloroethene

All LCSD recoveries were within 70 - 130 with the following exceptions: 1,1,2,2-Tetrachloroethane, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 2,2-Dichloropropane, 2-Hexanone, Acetone, Bromomethane, Carbon Disulfide, Chloromethane, Hexachlorobutadiene, Methyl ethyl ketone, Tetrahydrofuran (THF), trans-1,2-Dichloroethene, trans-1,4-dichloro-2-butene, Vinyl chloride

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 6°C Pg 1 of 3

Data Delivery:
[X] Fax #: 860-298-6399
[X] Email: mmahoney@TRCsolutions.com

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

Project: Salem
Report to: M. Mahoney / TRC
Invoice to: " "

Project P.O: 12444
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	CTRSR 15 metals *	SPLP CTRSR 15 metals *	SPLP PAHs	SPLP PCBs				Soil VOA [1] Methanol [ ] S. Bisulfate [2] H20	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [2] HCl	GL Amber 1000ml [V] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
67503	FB051909	Aq	5/19/09	0815	X	X	X	X	X							~~X~~	~~X~~		X	4			1		
67504	SB051909	Aq		0820	X											X									
67505	SB-10(0-2)	S		0855	X	X	X	X	X	X						X	X								
67506	SB-10(2-4)	S		0900	X	X	X	X	X	X		X													
67507	SB-11(0-2)	S		0915	X	X	X	X	X	X		X													
67508	MW-1	W		0935	X	X	X	X	X							~~X~~	~~X~~		X	4			1		
67509	SB-12(0-2)	S		1000	X	X	X	X	X	~~X~~ ok						X	X								
67510	SB-12(2-4)	S		1005	X	X	X	X	X	~~X~~		X													
67511	SB-13(0-2)	S		1030	X	X	X	X	X	X															
67512	SB-13(2-4)	S		1035	X	X	X	X	X	X		X													
67513	SB-13A(0-2)	S		1040	X	X	X	X	X																
67514	SB-14(0-2)	S		1100	X	X	X	X	X	X															

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-19-09	15:30
[signature]	[signature]	5-19-09	16:30

Comments, Special Requirements or Regulations:
* Archive all metals samples for possible SPLP analysis

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

* SURCHARGE APPLIES

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

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

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

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

State where samples were collected: CT

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

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

Temp 6°C Pg 2 of 3

Data Delivery:
☒ Fax #: 298-6399
☒ Email: mmahoney@trcsolutions.com

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

Project: Salem
Report to: Mayra Mahoney
Invoice to: " "

Project P.O: 12444
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	CT RCR 15 metals K	SPLP CT RCR 15 metals K	SPLP PHHs	SPLP PCBs					Soil VOA [1] Methanol [ ] S. Bisulfate [2] H20	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [2] As is [ ] HCl	GL Amber 1000ml [4] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 [2] 250ml	PL NaOH 250ml	Bacteria Bottle
67515	SB-14(2-3)	S	5/19/09	1105	X	X	X	X	X	X		X					X	1		X (CL)						
67516	SB-15(0-2)	S		1125	↓	↓	↓	↓	↓	X		X					↓	↓								
67517	SB-15(2-3)	S		1130	↓	↓	↓	↓	↓	X		X					↓	↓								
67518	TW-4	W		1150	↓	↓	↓	↓	↓	↓		↓					↓	↓		X	X		X			
67519	TW-4A	W		1200	↓	↓	↓	↓	↓	X		↓					↓	↓		X	X		X			
67520	SB-16(0-2)	S		1300	X	X	X	X	X	X	X	↓					X	X								
67521	SB-16(2-3)	S		1305	↓	↓	↓	↓	↓	↓	↓	X					↓	↓								
* 67522	SB-26(0-2)	S		1325	↓	↓	↓	↓	↓	↓	↓	↓					↓	↓								
* 67523	SB-26(2-3)	S		1330	↓	↓	↓	↓	↓	↓	↓	X					↓	↓								
67524	SB-17(0-2)	S		1350	↓	↓	↓	↓	↓	↓	↓	↓					↓	↓								
67525	SB-17(2-3)	S		1355	↓	↓	↓	↓	↓	↓	↓	↓					↓	↓								
67526	SB-17A(0-2)	S		1400	↓	↓	↓	↓	↓	↓	↓	↓					↓	↓								

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-19-09	15:30
[signature]	[signature]	5-19-09	16:31

Comments, Special Requirements or Regulations:
* Archive all metals samples for possible SPLP analysis
* Rec'd labeled SB26

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

* SURCHARGE APPLIES

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

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

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

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

State where samples were collected: CT

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Temp 6°C Pg 3 of 3

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Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs	SVOCs	ETPH	PCBs	CT DSR 15 Metals X	SPLP CT DSR 15 Metals X	SPLP PAHs	SPLP PCBs					Soil VOA [ ] Methanol [ ] S. Bisulfate [X] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [X] As is [ ] HCl	GL Amber 1000ml [4] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
67527	SB-21(0-2)	S	5/19/09	1430	X	X	X	X	X	X		X					X	X								
67528	TW-5	W		1445	X	X	X	X	X											X	X			X		
67529	SB-22 (0-2	S		1520	X	X	X	X	X											X	X					
67628	TB LOW																									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-19-09	15:30
[signature]	[signature]	5-19-09	16:30

Comments, Special Requirements or Regulations:

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

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

Data Format
- [X] Excel
- [X] PDF
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- [ ] EQuIS
- [ ] Other _____

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

State where samples were collected: CT

Loreen - Phoenixlabs

From: Sarah - Phoenixlabs [sarah@phoenixlabs.com]
Sent: Wednesday, June 10, 2009 11:20 AM
To: Loreen Fay
Subject: Fw: Salem ConnDOT Soil Samples - SPLP Metals Request

Sarah Bell
Client Services Representative
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
Manchester, CT 06040
Phone: 860-812-0270
Fax: 860-645-0823

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

----- Original Message -----
From: Mahoney, Marya (Windsor,CT-US)
To: Sarah - Phoenixlabs
Sent: Wednesday, June 10, 2009 8:44 AM
Subject: Salem ConnDOT Soil Samples - SPLP Metals Request

Hi Sarah,

When we submitted the soil samples related to our Salem ConnDOT job (SDG #s GAR67818, GAR67505 and GAR 67147), we requested that the remaining sample volume be archived for potential SPLP metals analysis. Now that the total metals data has been reviewed, I'd like to submit a request to have several of the samples run for SPLP CT RSR 15 metals. The following is a list of the field ids associated with the samples that we'd like to have run:

GAR67818 Samples:
SB-24(0-2) 67819
SB-23(0-2) 67820
SB-20(0-2) 67821
SB-19(0-2) 67822
SB-25(0-2) 67824
SB-18(0-2) 67825
HA-1(0-2) 67827

GAR67503 Samples: