GEODESIGN INCORPORATED

GEOTECHNICAL | CONSTRUCTION | ENVIRONMENTAL
ENGINEERS and SCIENTISTS

REMEDIAL ACTION REPORT
PARCEL C – SOUTH
FORMER UNIROYAL COMPLEX
MAPLE AND WATER STREETS
NAUGATUCK, CONNECTICUT

Prepared for:
Borough of Naugatuck
229 Church Street
Naugatuck, Connecticut 06770

Prepared By:
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File No. 3101-004.1
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INCORPORATED

GEOTECHNICAL | CONSTRUCTION | ENVIRONMENTAL
ENGINEERS and SCIENTISTS

December 30, 2011
File No. 3101-004.0

Mr. James Stewart
Director of Public Works
Borough of Naugatuck
229 Church Street
Naugatuck, Connecticut 06770

Re: Remedial Action Report
Remediation of Former Uniroyal Complex
Parcel C – South
Maple Street and North Water Street
Naugatuck, Connecticut

Dear Mr. Stewart:

Geo**Design**, Inc. (Geo**Design**) has prepared this report to document remediation work completed under the Voluntary Remediation Program in accordance with Connecticut General Statutes (CGS) 22a-133x at the former Uniroyal Complex property referred to as Parcel C - South (Site). The work was facilitated by a grant from the United States Environmental Protection Agency (USEPA) under the American Recovery and Reinvestment Act.

The remedial work was carried out in general accordance with Remedial Action Plans dated August 2008, revised February 2009, and September 2010. Part of the remedial work was associated with a Solid Waste Demonstration Project (Application No. 200901727 dated October 15, 2009) which was authorized by the Connecticut Department of Energy and Environmental Protection (CTDEEP) for the ex-situ treatment of contaminated soil using chemical oxidation.

This Remedial Action Report summarizes the following remedial actions which were attempted and/or completed:

1. In-situ chemical oxidation (ISCO) of chlorinated volatile organic compounds in groundwater in accordance with a Temporary Groundwater Discharge Permit issued by the CTDEEP;
2. Ex-situ chemical oxidation (ESCO) of organic compounds in soils in accordance with a Solid Waste Demonstration Project approval issued by the CTDEEP;
3. Disposal of soil at permitted off-site facilities;

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4. Earthwork and soil management in preparation for construction of a proposed building and the establishment of Environmental Land Use Restrictions (ELURs).

Manafort Brothers, Inc. of Plainville, Connecticut (MBI) was the remedial contractor. MBI provided critical input into the cost-benefit analyses involved with various closure strategies which ultimately allowed completion of the project within budget.

In summary, the combination of the remedial methodologies was successful in preparing the Site for redevelopment. As summarized below, the ESCO methodology was not able to adequately reduce the concentrations of certain polynuclear aromatic hydrocarbons due to the presence of coal and coal ash. However, the remedial objectives have been met by the combination of the methods summarized above. Post-remediation groundwater monitoring remains to be conducted to further demonstrate the successful completion of the work.

Please let us know if you have any questions or require additional information.

Sincerely,

Geo**Design**, Inc.

Gerald Mishler
Environmental Scientist

Christopher G. Eggers, P.E.
Project Engineer

Timothy Carr, LEP
Manager of Environmental Services

cc: Laurie O'Connor, P.E. (USEPA)
Diane Duva (CTDEEP)
Sheila Gleason (CTDEEP)

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1.0 INTRODUCTION

Geo**Design**, Inc. (Geo**Design**) has prepared this Remedial Action Report on behalf of the Borough of Naugatuck to document remedial work completed under the Voluntary Remediation Program in accordance with Connecticut General Statutes (CGS) 22a-133x at the former Uniroyal Complex property referred to as Parcel C - South (Site). The work was facilitated by grants from the United States Environmental Protection Agency (USEPA) under the American Recovery and Reinvestment Act.

The work was carried out in accordance with a Remedial Action Plan (RAP) dated August 2008. The RAP originally assumed that up to 30,000 cubic yards of contaminated soil was treatable by Ex-Situ Chemical Oxidation (ESCO) methods. When ESCO treatment results indicated that the treated soil stockpiles continued to contain concentrations of polynuclear aromatic hydrocarbons above remedial standards, the RAP was modified in September 2010 to account for the decrease of ESCO effectiveness. The amounts of soils required to be disposed off-site and the footprint of an area to be subject to an Environmental Land Use Restriction (ELUR) were increased in the later revisions of the RAP.

Figures identifying the locations of work are included in Appendix 1. Tables summarizing the results of soil analyses are included in Appendix 2. Photographs depicting the various remedial tasks which were completed are included in Appendix 3.

The work involved remediation of previously identified subsurface contamination due to 150 years of manufacturing of rubber products by Goodyear's India Rubber Glove Mfg. Co., the United States Rubber Company and then Uniroyal. The primary contaminants included petroleum hydrocarbons, polynuclear aromatic hydrocarbons, chlorinated solvents, and lead.

The methods and objectives of the remedial work were to:

1. Treat a groundwater plume located in the eastern portion of the Site which had been impacted with chlorinated volatile organic compounds (VOC). The permitted treatment included in-situ chemical oxidation to reduce VOC concentrations below remedial criteria;

2. The remediation was initially designed with the intention of treating on-site up to 30,000 cubic yards of contaminated soils to below applicable remediation standards using ex-situ chemical oxidation. The on-site treatment was conducted in accordance with a Solid Waste Demonstration Project (Application No. 200901727) which was approved by the CTDEEP on October 15, 2009. Once the soils were treated such that the contaminant concentrations were below remedial thresholds, the soils were to be reused to backfill the Site. As summarized below, this remedial objective was not met due to the presence of

widespread coal and coal ash in Site soils which could not be readily oxidized by the proposed methods.

3. Because the ex-situ treatment was not successful, the remedial approach was modified to include a combination of excavation and off-site disposal of contaminated soil as well as consolidating contaminated soils on-site for rendering "environmentally isolated" beneath a proposed building.

2.0 SITE BACKGROUND

2.1 SITE DESCRIPTION

An Area Plan and a Site Plan are provided as Figures 1 and 2, respectively. Parcel C is one of at least three areas in Naugatuck formerly known as the "Uniroyal Complex". Parcel C consists of approximately 5.1 acres of land which are roughly divided into north and south areas. Parcel C-North is approximately 2.8 acres in size and is currently occupied by the Naugatuck branch of the United States Postal Service. Parcel C-South consists of approximately 2.3 acres of land and was formerly occupied by the U.S. Rubber Company. All remedial work summarized in this report applies to Parcel C-South.

Parcel C-South was developed in 1843 for use as a rubber-goods factory and was used for manufacture of rubber gloves and footwear from 1843 through 1983. Since approximately 1983, Parcel C-South has been vacant. Multiple buildings from the former Uniroyal Complex were demolished between 1985 and 1989. Parcel C-South is undeveloped except for one unoccupied two story brick building referred to as Building 25, located in the southwest corner of the Site. Current plans are to maintain and renovate Building 25.

Since 1991, a significant volume of environmental data has been developed over several years of investigation and remediation. A summary of the current status of the Site and relevant Areas of Concern (AOCs) and previous investigations were summarized in Remedial Action Plans (RAPs) dated August 2008 (revised February 2009 and September 2010). The RAPs should be reviewed for a better understanding of the remedial actions summarized in this report. Pre-remedial investigations and are summarized in Section 3.0 below.

2.2 APPLICAPLE REMEDIAL STANDARDS

This remediation was performed to comply with the requirements of Connecticut's Regulations for Connecticut State Agencies 22a-133k. Based on the Site's environmental setting and proposed plans for redevelopment (i.e., mixed-use commercial), the applicable remedial criteria for soil are the Residential Direct Exposure Criteria (R-DEC) and/or Industrial/Commercial

Direction Exposure Criteria (I/C-DEC) and the GB-groundwater Pollutant Mobility Criteria (GB-PMC). The applicable remediation criteria for groundwater are the Residential Volatilization Criteria (R-VC) and Surface Water Protection Criteria (SWPC).

2.2.1 Direct Exposure Criteria (DEC)

The Direct Exposure Criteria (DEC is applicable to soil within 15 feet of the ground surface. Separate criteria are established for residential and industrial/commercial areas; however, use of the less stringent industrial/commercial standards also requires placing an Environmental Land Use Restriction (ELUR) on the property land records. The DEC standards do not apply to "inaccessible soils", defined as: more than four feet below ground surface, two feet below pavement (minimum three inches of bituminous concrete or concrete) or below an existing building, provided an ELUR is in effect for the whole property or the area of the release.

2.2.2 Pollutant Mobility Criteria (PMC)

Concentrations of contaminants in soil were also evaluated based on Pollutant Mobility Criteria (PMC). The PMC standard evaluates the potential for contaminants to leach from the soil in concentrations which might degrade groundwater quality. Section 22a-133k-2(c)(4)(C) of the RSRs provides an exception to the PMC if the material:

1. Consists of coal ash, wood ash, coal fragments, asphalt paving fragments or any combination thereof;
2. Is not contaminated with volatile organic compounds;
3. Contains metals concentrations below Direct Exposure Criteria;
4. Is not affecting public or private water supplies;
5. Public water supply services exist within 200 feet of the affected area; and,
6. The placement of the fill was not prohibited by law at the time of placement.

As summarized below, significant soil contamination was attributable to the presence of coal and coal ash. Based on the presence of coal and ash and compliance with the other criteria, the PMC do not apply to the PAH concentrations in Site soils. The presence of coal and ash is consistent with the age of the industrial operations and the former location of the power plant in the southeastern portion of the Site.

3.0 SITE HISTORY

A substantial amount of investigation has been conducted at the Site. A summary of previously published reports is included in Appendix 4.

Remediation of both North and South Parcel C properties was attempted by Handex Corporation in the mid-1990s. The entire Site was reportedly excavated with the original purpose of removing semi-volatile organic compounds and petroleum contamination. Handex completed the remediation of the north parcel for construction of a Post Office. Remedial efforts on the south parcel were not successful/complete and likely resulted in mixing/blending and replacement of contaminated soils over the Site. The vertical and horizontal extent of Handex's work was not well documented.

3.1 AREAS OF CONCERN (AOCS)

The locations of pre-remedial conditions and findings are summarized on Figures 2 and 3 in Appendix 1. Reviews of historical records and environmental reports had identified five Areas of Concern (AOCs) at Parcel C-South. The AOCs were:

- AOC 1 – Former Stormwater Drainage System and Raceway
- AOC 2 - Former MEK UST, No. 4 Heating Oil UST, and Former Paint Room Area
- AOC 3 – Oily Surface Release(s)/Spill(s) Area
- AOC 4 – Urban Fill Area
- AOC 5 – Entire Parcel C-South (petroleum, lead and arsenic contaminated fill)

3.1.1 AOC 1 – Former Raceway

The exact location and extent of the former stormwater raceways were not well documented prior to performing remedial excavations. Historical reports showed that the raceway ran along the northern property line oriented from west to east (As seen in Figures 2 and 3). One branch of the raceway extended from the northern property line to the south and through the center of the property to the southern property boundary.

The raceway is believed to have conveyed water to the U.S. Rubber manufacturing operation and also collected storm water run-off from the facility. Sediments in the section of the raceway on Parcel C-North were found to have petroleum contamination. Semi-volatile organic compounds (SVOCs) were also observed on Parcel C–South in the areas of the former raceway. The SVOC contamination has been found to vary in depth from the ground surface to a maximum depth of 12-feet below grade based on historical borings and test pits. These elevated concentrations may have been from raceway sediments themselves or from fill placed in the raceway while demolition of the buildings was completed.

3.1.2 AOC 2 – Former MEK UST, No. 4 Heating Oil UST and Former Paint Room Area

Two former underground storage tanks (UST) were located in the northeast corner of the Site. The USTs were an 8,000-gallon No. 4 heating oil tank and a 5,000-gallon methyl-ethyl-ketone (MEK) tank. A report by Handex dated May, 1998 indicated that both tanks were found empty and removed along with surrounding contaminated soil in 1998. Compliance/closure samples were obtained. According to the report, post-removal soil sampling did not exceed remedial standards. Sampling locations and laboratory reports from tank closure activities were not included in Handex's report.

3.1.3 AOC 3- Oil Debris, Surface Release(s)/Spill(s)

Soils in the eastern portion of Parcel C-South had extensive petroleum hydrocarbon and limited lead contamination. Contamination identified in this AOC varied in depth from the ground surface to a maximum depth of 11-feet below grade. There was an area (in the vicinity of TP 4) that contained petroleum and metal contamination above the GB-PMC at depths ranging from the ground surface to 6 feet below grade.

3.1.4 AOC 4- Urban Fill Area

This area is located on the western portion of the Site and essentially surrounds Building No. 25. Test pits and borings have shown a layer of ash to the north of Building #25 at a depth range of 6 to 9-feet below grade. There is also a buried concrete slab at 6-feet below grade, above the ash layer. Contamination in this area had consisted of petroleum hydrocarbons, and lead above remedial standards. A soil sample from one previous test pit (TP-2) contained lead concentrations above the R-DEC and I/C-DEC.

3.1.5 AOC 5 – Parcel C-South (entire Site)

The four AOCs mentioned above cover the majority of the Site. Earthwork associated with the demolition of the buildings and Site-wide excavation and placement of presumably mixed soil by Handex in the mid-1990s has obscured discernible source areas. Review of available analytical data indicates the entire Site has been contaminated with SVOCs, residual petroleum compounds, and isolated areas of lead.

3.2 EXCEEDANCES OF REMEDIAL CRITERIA

Numerous soil and groundwater samples have been collected at the Site as part of prior investigations. A list of previously published environmental reports in provided in Appendix 4.

This work is summarized in the following sections. The locations of soil borings, test pits and groundwater monitoring wells are shown on Figure 3 of Appendix 1.

The following sections summarize data presented in these historical reports. Many of the historical sampling locations are referenced as approximate. Accordingly, the horizontal and vertical limits of contamination summarized in the following sections should also be considered approximate.

3.2.1 Soil Direct Exposure Criteria & Pollutant Mobility Criteria Exceedances

There were significant areas where remedial standards had been exceeded for DEC and/or PMC remedial standards. The approximate extent of lead contamination is shown on Figure 4 of Appendix 1.

There were five areas which exhibited elevated lead concentrations which were targeted for remediation by excavation and off-site disposal. These are:

- Soil in the former raceway (AOC-1) on the northern property line at test pit (TP) TP F-7 contained a concentration of lead at 530 mg/kg. The recommended RES DEC remedial standard for lead is 400 mg/kg. Impacted soil was estimated to extend to approximately 6 feet below grade in this area.

- Soil in the eastern/central portion of the Site (AOC-3) where lead concentrations exceeded remedial standards. TP4 (4-5ft) contained lead at 20,000 mg/kg. This sample also exceeded the GB-PMC of 0.15 mg/l for lead at 2.3 mg/l. Impacted soil is estimated to extend to approximately 8 feet below grade in this area.

- Soil in the northeastern/central portion of the Site near TP 9 (4-5ft) (AOC 1) where lead concentrations exceeded the GB-PMC of 0.15 mg/l. This area also contains the raceway vault.

- Soil in the southeastern corner of the Site (AOC-3) from TP15 (3ft) contained lead at 840 mg/kg exceeding the R-DEC.

- Soil from behind Building #25 (AOC-4) contained lead at 1,400 mg/kg in TP2 (7-8ft) which exceeded both the R-DEC (400 mg/kg) and I/C-DEC (1,000 mg/kg). SPLP analyses of soil sample showed a concentration of lead (2.3 mg/l) which exceeded the GB-PMC of 0.15 mg/l.

3.2.2 Groundwater Volatilization Criteria Exceedances

Groundwater sampling and analyses had been conducted to delineate the degree and extent of volatilization exceedances. These data had been reported in annual and other investigation reports since 1991 (see reports referenced in Appendix 4).

While several chlorinated solvents were detected in the groundwater, the primary compound of concern (COC) for the Site is vinyl chloride. Vinyl chloride historically appeared in monitoring wells MW-1, MW-2, and GD-5 on the eastern portion of the Site (Figure 7) near North Water Street.

No specific release mechanism(s) or source area(s) of chlorinated VOCs have been definitively identified. However, while completing additional investigations at the Site in November 2008, an anonymous (did not provide his name) former Uniroyal employee indicated that a paint room was located on the northeastern corner of the Site, in the area of the former methyl ethyl ketone (MEK) underground storage tank (UST). No elevated VOC concentrations have been identified in soil samples on-site. Identification of the probable release area (eastern property boundary) and mechanism of release (contaminated soil re-use/placement) are inferred based on extensive soil and groundwater testing using test pits, soil borings, and groundwater monitoring wells.

4.0 REMEDIAL ACTIONS

The remedial work was carried out in accordance with a Remedial Action Plan (RAP) dated August 2008 (revised February 2009, and September 2010) and prepared by Geo**Design**. Part of the remedial work was associated with a Solid Waste Demonstration Project (Application No. 200901727 dated October 15, 2009) which was authorized by the Connecticut Department of Energy and Environmental Protection (CTDEEP) for the ex-situ treatment of contaminated soil using chemical oxidation. Public notice of the work was performed by issuing certified letters to adjacent property owners and posting of banner sign on the property line. No comments were received based on the public notice.

The RAP originally assumed that most of the contaminated soil was treatable by Ex-Situ Chemical Oxidation (ESCO) methods. When treatment results indicated that this was not the case, the RAP was modified in September 2010 to account for a decrease of ESCO effectiveness. The amounts of soils disposed off-site and the footprint of an area proposed for an Environmental Land Use Restriction Area (ELUR) were increased in the later revisions of the RAP.

Figures identifying the locations of work are included in Appendix 1. Summary tables of soil analyses are included in Appendix 2. Photographs depicting the various remedial tasks which were completed are included in Appendix 3.

Following a public bid, the Borough of Naugatuck retained Manafort Brothers Inc. of Plainville, Connecticut (MBI) to complete the remediation work. MBI contracted with Regenesis of Wakefield, Massachusetts to complete In-situ Chemical Oxidation (ISCO) of contaminated groundwater as well as the Ex-Situ Chemical Oxidation (ESCO) of soil. WjF GeoConsultants, Inc of Wilbraham, Massachusetts was hired by Regenesis to assist MBI with the ESCO process. Geo**Design** served as the Borough's environmental consultant and provided Construction Quality Assurance oversight. Laboratory testing was completed by Complete Environmental Testing (CET) of Stratford, Connecticut.

4.1 EX-SITU CHEMICAL OXIDATION (ESCO) PLANNING

Many of the strategies employed in the remedial approach for this project were aimed at reducing the environmental footprint of the clean-up and restoration activities which is specifically promoted by the U.S. EPA[1]. The effort to design, permit and implement ESCO at this Site was significant and was initiated specifically to attempt the on-site recycling of treated contaminated soils.

Remedial planning and permitting was conducted between 2007 and 2009. The remedial design incorporated the potential use of ESCO methods to treat 30,000 cubic yards of soil. Due to the presence of a large volume of heterogeneous contaminated fill mixed with former industrial building foundations and large stormwater conveyance structures, the attempted ESCO methods were considered appropriate for this Site. The ESCO treatment offered benefits of reusing treated soils as fill on-site and followed the "green remediation" initiative of the USEPA Region I. The work plan also incorporated the need to dig out existing fill and structures on-site in preparation for redevelopment (building foundations and structures).

4.1.1 Bench Scale Testing

Prior to awarding the ESCO work, bench scale testing was performed by Regenesis and VeruTEK, Inc. of Bloomfield, Connecticut. Both contractors reported positive results and indicated that full scale application of their technology would yield the intended results.

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[1] U.S. EPA Region 1, "Clean and Green Policy for Contaminated Sites, Office of Site Remediation and Restoration", February 12, 2010.

Based on positive bench scale results, the Remedial Action Plan assumed the contaminated soil was treatable by ESCO. As a result, Geo**Design** submitted applications to the CTDEEP dated October 15, 2009 to permit the activity as a Special Waste Demonstration Project. The application proposed to excavate and then treat on-site up to 30,000 cubic yards of contaminated soil. Once the soil was determined to meet the remedial standards, the treated soils would be replaced/compacted back in the excavations. Following several rounds of questions, the CTDEEP approved the application (Permit No. 200901727). The CTDEEP's approval letter and one extension of the time limit are included in Appendix 5.

MBI selected Regenesis as the ESCO vendor. Regenesis proposed using a combination of RegenOx and hydrogen peroxide, as discussed in greater detail below. Regenesis's Work Plan and Material Safety Data Sheets for the oxidant chemicals are included in Appendix 6. Regenesis's bench test results are included in Appendix 7.

4.1.2 ESCO Implementation

From April 5 to July 22, 2010, MBI performed excavation of contaminated soil in the eastern portion of the Site. Approximately 5,500 cubic yards of material was staged in stockpiles. The soil was screened by MBI to three inch minus prior to treatment. Large concrete structures and boulders were segregated. Dark stained (presumed contaminated) and unstained soils were mixed.

At the same time, MBI mobilized and began to set-up the ESCO treatment equipment in the western portion of the Site including the soil staging and curing areas, conveyor and chemical applicators. A photograph showing the soil treatment process equipment is provided as Figure 7 in appendix 1. A line drawing showing the treatment process is provided as Figure 8.

4.1.2.1 Oxidant Types and Dosages

Soil treatment consisted of treating the on-site material by oxidation. Material Safety Data Sheets (MSDS) of the treatment products used are included in Appendix 6. Treatment compounds consisted of:

a. RegenOx Part A: Oxidizer Complex; A mixture of sodium percarbonate [$2Na_2CO_3 \cdot 3H_2O_2$], sodium carbonate [Na_2CO_3], sodium silicate and silica gel.
b. RegenOx Part B: Activator Complex; A mixture of sodium silicate solution, silica gel and ferrous sulfate
c. 5% Hydrogen Peroxide: Oxidant

The treatment dosage rates were generally as follows:

Compound Agent	Design Dosage (per Site Operations Plan)	First Round Treatment Dosage for 1 Cubic Yard of Treated Soil	Second Round Treatment Dosage for 1 Cubic Yard of Treated Soil
Hydrogen Peroxide Solution	10 Gallons of 3% hydrogen peroxide solution	3.5 to 3.9 gallons of 5% hydrogen peroxide solution (with up to 7.0 gallons on first day of treatment)	3.9 to 4.2 Gallons of 5% Hydrogen Peroxide Solution
RegenOx Part A Oxidizer	3 lbs/cy (by dry weight); applied dry or up to 6 gallons as solution	3.0 to 3.3 lb	3.0 to 3.3 lb
RegenOx Part B Activator	3 lbs/cy (by slurry weight) per cubic yard; applied as solution up to 6 gallons	2.7 to 3 lb by slurry weight; applied as solution of 2.6 to 2.8 gallons	3.0 to 3.2 lb by weight applied as solution of 2.6 to 2.8 gallons

4.1.2.2 ESCO Equipment

Figure 7 in Appendix 1 shows the ESCO treatment process equipment and layout. The RegenOX Part A Oxidizer was delivered as granulated powder. The RegenOx Part B Activator was delivered as a slurry. The RegenOx Part B slurry was mixed with water to form a solution for application. When mixed the RegenOx Part B solution contained about 1.14 pounds of RegenOx Part B slurry per gallon of solution. The Hydrogen Peroxide was delivered to the Site as a 35% concentration and diluted to a 5% concentration solution for application.

The treatment system consisted of a hopper into which screened soils were placed. The hopper fed a conveyor belt which was fitted with an adjustable gate to control the amount of soil dropped onto the conveyor belt. At the bottom of the conveyor belt, RegenOX Part A Oxidizer complex was administered from a smaller hopper and laid onto the soil stream as a granulated powder. RegenOx Part B activator was sprayed in liquid form onto the soil stream near the bottom of the conveyor belt. Near the top of the conveyor belt a mixture of 5% hydrogen peroxide was sprayed onto the soil stream in liquid form. The soil then fell off of the conveyor belt to create a stockpile of soil which was allowed to cure and oxidize organic compounds in a membrane lined staging area.

4.1.3 Initial ESCO Treatment

Starting on April 5, 2010, approximately 4,000 cubic yards of screened soil was treated on-site by Regensis. The treated soil was cured in stockpiles for approximately five days. This treatment (April 5 to July 22, 2010) is referred to as the first round of treatment. In accordance

with the QAPP, confirmation soil samples were obtained from the treated soil stockpiles. The results summarized on Table 5 showed that polynuclear aromatic hydrocarbon (PAHs) compounds exceeded the remedial objectives (R-DEC). The treated soil stockpiles were giving additional curing time and wetted and no additional decrease in PAH concentrations were noted.

Approximately 600 cubic yards of soils from "Stockpile 1" was retreated and then retested, but still did not show results below REC DEC and/or GB PMC criteria. As a result, ESCO operations were temporarily suspended.

4.1.4 Abandonment of ESCO Treatment

The MBI and Regenesis performed a series of additional field and bench tests on the soil, including analysis of the soil using Scanning Electron Microscopy (SEM). The SEM results identified particles of coal, coal ash, wood ash and tar (collectively referred to as "coal ash") in the soil samples. Regenesis concluded that slow mass transfer through the solid organic particles rendered the PAHs inside unavailable to the oxidants. Therefore, the soils containing these coal ash particles were considered "untreatable" by chemical oxidation processes. Regenesis's documentation is included in Appendix 7.

The ESCO treatment process for a majority of the Site was abandoned, with the exception of a small area located in the south-central portion of the Site (see Figure 3) where significant levels of coal and ash had not been identified in historical boring logs and recent (2008–2009) test pits. In May 2010, MBI excavated additional test pits and soil samples were obtained by Regenesis to conducted additional bench tests. The results indicated that the soil from this portion of the Site could be treated by ESCO. From September through October 2010, a total of about 2,000 cubic yards of soil were excavated and treated by the ESCO method. This is referred to as the second round of treatment.

Soils that underwent this round of treatment continued to show PAH exceedances of the R-DEC. The soil was allowed to undergo additional curing time of about one week. During this time the soil was remixed in the stockpiles and wetted by rain. Subsequent sampling showed that about 1,100 cubic yards of soil from the second treatment round contained PAH compounds below the R-DEC criteria. This soil was placed as backfill in the southern portion of the Site. The soil that continued to exceed the remedial criteria was placed as backfill within the ELUR area, per the discussion in Section 4.3.3 below.

4.1.5 Conclusions From ESCO Treatment

The ESCO treatment showed a low level of effectiveness at reducing PAH compounds in the soils to concentrations below remedial objectives (R-DEC). A total of 1,100 cubic yards of

approximately 5,800 cubic yards of soil were treated. In the process, lessons were learned by attempting the ESCO treatment. The fact that the methodology did not work due to the presence of coal and ash should not be arbitrarily used to deny consideration of the ESCO methodology for other projects. We believe the method could be applied successfully under other circumstances. A brief summary of the lessons learned are as follows:

a. The state's permitting and approval process should be modified to more readily allow ESCO methods to be deployed. The Borough of Naugatuck wanted to try an innovative technique which also met the USEPA's green remediation initiatives. The equipment and oxidants were safely deployed and used at the Site without risk to human health and the environment. The CTDEEP should look for other opportunities to apply the ESCO methodology at projects where more readily oxidizable contaminants are present.

b. Bench scale/pilot testing of soil treatment effectiveness did not correlate into overall success in the field. Prior to engaging into production mode, much more rigorous bench scale and pilot scale testing should be conducted to ensure that the desired contaminant oxidation results can be achieved given a specific site's soil and contaminant matrix. The testing should be performed on a representative number of soil types and contaminant concentrations and physical barriers to successful treatment (soil/contaminant matrix) must be considered.

c. Due to factors such as soil expansion during excavation and screening, the accuracy/precision for estimating the amount of soil being treated and related oxidant dosages is difficult to achieve in the field. Cross checking using a combination of measurement methods (stockpile and loader volumes, hopper drop rate, conveyor rate) should be used.

d. The sampling and analysis requirements provided in the QAPP were successful in identifying the inability of the ESCO method to treat the PAHs in soil.

e. Soils were screened to 3-inch minus prior to treatment which resulted in a notable reduction of soil requiring treatment. Approximately 8,500 cubic yards of coarse materials (cobbles, boulders, concrete, brick and rubble greater than 3-inches) was generated and crushed for reuse on-site as clean fill.

In summary, the ESCO treatment was not as effective as anticipated. Reduction of PAH concentrations to below the R-DEC were achieved for only about 1,100 cubic yards of soil. At the beginning of the project, it was hoped that a total of up to 30,000 cubic yards could be effectively treated.

4.2 LEAD CONTAMINATED SOIL EXCAVATIONS AND OFF-SITE DISPOSAL

Per the original Remedial Action Plan, five areas where lead concentrations in soils had been identified above remedial criteria were excavated and disposed off-site (summarized above in Section 3.2.1 and shown on Figure 4).

On November 16, 2009, MBI excavated 106.9 tons (about 71 cubic yards) of lead impacted soil. Known areas of lead impacts were excavated first. Post-excavation confirmatory soil samples were obtained and in some cases continued to exceed remedial criteria (namely at excavation near TPF7, TP4, and TP15). The non-hazardous lead contaminated soils were disposed of at Ted Ondrick Company of Chicopee, Massachusetts. Weigh slips for the disposal of the soil at Ondrick's facility are included in Appendix 9.

On December 10, 2009, additional excavations were conducted by MBI to remove the areas where lead exceedances remained. The excavation limits were resampled and the data indicated that remaining soils were below applicable remedial criteria except at TP-F7. On May5, 2010 a final post-confirmation soil sample was collected at excavation TP-F7. The laboratory results indicated the concentration of lead detected was below the remedial criterion.

At the conclusion, all post-excavation confirmation soil samples were below the applicable remedial criteria for lead. Since lead is considered a Contaminant of Concern at the Site, it was also included as a parameter for other post-excavation sampling completed at the Site. Where post-excavation samples indicated exceedances of remedial criteria for lead, the material was excavated and placed within a proposed ELUR area (proposed building footprint) to be rendered environmentally isolated.

4.3 ESTABLISHMENT OF ISOLATED AND INACCESSIBLE SOIL AREAS

Despite the lack of effectiveness of the on-site ESCO treatment, a combination of off-site disposal; crushing and reuse of concrete and boulders on-site; and, on-site isolation of contaminated soils was ultimately successful. These activities are summarized below.

Once the infeasibility of the ESCO method was identified, a cut and fill analysis was conducted of the remaining remediation areas to identify the total quantities of contaminated soil versus clean soil required to provide a suitable remedy at the Site. The soil quantities were then used to establish a soil management strategy which would require that areas of environmentally isolated and environmentally inaccessible soils be prepared which also met the physical constraints of the proposed development plan and the requirements of the Remediation Standard Regulations. The management strategy was intended to minimize the quantity of soils disposed off-site and also

the amount of clean fill brought on-site to re-establish the grades. MBI provided critical input into the cost-benefit analyses involved with various remedial and closure strategies.

In September 2010, the Remedial Action Plan was revised to include the modified remedial strategy. Figure 9 provides a schematic of the sampling and analysis plan and decision matrix for soil management. The revised remedial strategy included:

- Off-site disposal of untreatable ESCO soils as non-hazardous waste at a Massachusetts landfill;
- Excavation of a large area of clean sand and gravel along the northern boundary of the Site to a depth of approximately 12 feet below grade (fbg) for reuse on-site as clean fill. The subsequent excavation established a large area/volume for placement of contaminated soils generated from other locations on-site. It is intended that the footprint of this area will be covered by a proposed building to render the soils "environmentally isolated" in accordance with the RSRs;
- Excavation of the southern half of the Site to depths ranging from 4-fbg to 15 fbg to render remaining soils "environmentally inaccessible" or no longer subject to the DEC, as defined by the RSRs;
- Planned future establishment of an Environmental Land Use Restriction to allow the contaminated soils to remain in-place and undisturbed. The ELUR would be established following final development of the Site. The remedial excavation depths and proposed ELUR areas are shown on Figure 6.

The revised strategy was facilitated by the presence of a natural and uncontaminated sand and gravel deposit located in the northern portion of the Site. The sand and gravel was uncontaminated and the gradation is/was suitable for use as structural fill. MBI was willing to employ the necessary resources to the earthwork and crushing operations to facilitate reuse of this material on-site which was critical in maintaining the budget.

4.3.1 Off-site Disposal of Excess Soils

A total of 3,915.7 tons (approximately 2,600 cubic yards) of stockpiled soil from the ESCO treatment was transported to the Upton Landfill in Upton, Massachusetts for use as landfill cover. Weigh slips and disposal documentation are included in Appendix 9. Some of the other untreated ESCO soils were placed as backfilled in the proposed building ELUR area (blue shading on Figure 6).

In addition, 551.37 tons of non-hazardous non-regulated rubber sheets, which were encountered in the subsurface excavations, were transported to Complete Waste Removal and Recycling Services of Plainville, Connecticut.

4.3.2 Clean Backfill

Clean native soils from below the proposed building area were excavated for reuse on the southern portion of the Site (see Figure 6). Photograph 28 in Appendix 3 indicates the clear delineation of the contaminated fill (depth of approximately 6 fbg) and the underlying native sand and gravel which was not contaminated. Concrete, cobbles, boulders, and clean demolition debris were screened and crushed from throughout the Site. These on-site materials, in addition to imported off-site clean fill, were used as backfill within the unrestricted area established in the southern portion of the Site. The material used as clean fill consisted of four sources:

- On-site derived material excavated primarily from below the proposed parking garage (approximately 9,600 CY);
- ESCO treated soil (approximately 1,100 CY);
- Crushed concrete and boulders (8,500 CY); and,
- Imported Soil (approximately 4,600 CY);

These materials were confirmed to be clean by sampling and laboratory analysis in accordance with the QAPP. Figure 9 for schematic of the sampling and analysis plan. Laboratory results are included in Appendix 8. A summary of the results are included in Tables 1 and 2.

4.3.3 Placement of Contaminated Fill

Approximately 15,500 cubic yards of soils which were not treatable by ESCO were placed and compacted as backfill within the proposed building footprint/ELUR area. The contaminated soils were largely characterized by pre-existing analyses and visual observation.

A chain link fence currently demarcates the future garage area and contaminated soils therein. A total of approximately 15,500 cubic yards of soil were placed within the proposed garage ELUR area.

4.4 DETAIL OF WORK IN AOCS

The work described above was undertaken across the Site (AOC 5). The particulars of remedial work related to individual AOCs are summarized below. The locations of the AOCs are shown on Figure 4. The locations of post remediation soil sampling are shown on Figure 5. A summary of the laboratory results from post-remediation confirmation soil sampling is discussed in Section 5.0 below and summarized on Tables 2 through 5 in Appendix 2. Representative photographs of the remedial activities are provided in Appendix 3.

4.4.1 AOC 1 – Former Raceway

Soils from the southern portion of AOC 1 comprised the majority of soil which was successfully treated by the ESCO method. AOC 1 was excavated to the various depths shown on Figure 6 based on the presence of contaminated fill and structures. Remnants of the former raceway were encountered throughout the AOC. Where encountered, the remaining rock and masonry structures were removed, evaluated for contamination, crushed (if clean), and then placed and compacted as clean fill on-site. Where the structural components were determined to be contaminated, the materials were staged, crushed and compacted as contaminated fill beneath the proposed building to be rendered environmentally isolated. Due to their depth and or proximity to the property line (public right of way) some structures had to remain in place. These locations are indicated on Figure 6.

As shown on Figure 6, a stone masonry vault was left in place at a depth of 17 fbg in the northeastern quarter of the Site. Rubber encountered within the vault overlay a heavy timber mat and were encountered the maximum excavation depth which could be easily achieved. Deeper excavation would have required shoring and dewatering. Rubber debris was consolidated, tested for hazardous constituents, and disposed off-site as a solid waste.

An asbestos lined pipe was encountered at the southern property line along Maple Street (see Figure 6). The pipe was removed by MBI's licensed abatement crew to the edge of the sidewalk. The opening to the structure at the property line was sealed with concrete. A second concrete and masonry structure was also encountered in this area which was excavated to 15 feet below grade (Figure 6).

4.4.2 AOC 2 – Former MEK UST, No. 4 Heating Oil UST, and Former Paint Room Area

The area of AOC 2 in the northeast corner of the Site was excavated to depths of 6 to 12 feet below grade. Post-remediation confirmation soil samples were obtained at the base of the excavation at the locations shown on Figure 5. The area was backfilled and compacted with a minimum of four feet of clean soil. Remaining soils in this AOC are proposed to be rendered environmentally inaccessible and maintained in accordance with an ELUR.

4.4.3 AOC 3- Oil Debris, Surface Release(s)/Spill(s) & Buried Rubber and Vault Area

Soils within AOC 3 were excavated to the depths shown on Figure 6. Prior to backfilling, post remediation soil samples were obtained at the location shown on Figure 5.

A 24-inch diameter former water supply well was encountered in the southeast corner of the Site (Figure 6). The well was abandoned by a licensed well contractor by filling the casing with cement grout.

Geoprobe boring SB-EAST-1 was previously completed at the southwest corner of the Site (see Figure 5). A soil sample from 5 to 10 feet below grade (sample SB-East 1 5-10ft) had exceedances of individual PAH compounds and ETPH above remedial standards. The sample location was behind a concrete wall that could not be removed as part of this remedial effort. Removal of the wall to that depth would have required shoring, dewatering and restoration of the public right of way. The area of this sample is proposed to be subdivided from the unrestricted property in the future.

4.4.4 AOC 4- Urban Fill Area

AOC 4 was excavated as shown on Figure 6 and confirmation soil samples obtained at the locations shown on Figure 6. Ash residue was encountered and backfilled in in the area below the proposed building. A concrete slab was left in placed at approximately 6-feet below grade at this location (Figure 6).

4.4.5 AOC 5 – Parcel C-South (Entire Site)

The entire Site was excavated and confirmation soil samples obtained at the base of excavation. Soil sample locations are indicated on Figure 5. Numerous subsurface structures were encountered throughout the excavation. The locations of structures which were left in place due to their depth are shown on Figure 6. Contaminated soils were placed within the footprint of the proposed building. The Site was backfilled and compacted in controlled lifts using clean structural fill.

5.0 POST EXCAVATION SOIL SAMPLING & ANALYSES

Post excavation samples were taken to confirm the limits of remedial excavations. Sample locations are shown on Figure 5 and a summary of laboratory results are shown on Tables 2 through 4. Laboratory reports and results are included in Appendix 8 on CD-ROM. Soil samples were collected above the groundwater table which was generally encountered between 10 to 13 feet below grade.

As summarized herein, the presence of coal and ash exempts the application of the GB-PMC for PAH compounds in soils. In addition, soils at the base of excavation of at least 4 fbg will be protected by placement of ELURs to render the soils environmentally inaccessible or isolated in accordance with the Remediation Standard Regulations. The final disposition of post-

remediation or confirmation soil samples which exceeded the numeric criteria of the remediation standards can be summarized as follows:

Sample Name	Sample Location	Response to Exceedance
Conf 3 5.5ft	Bottom of Excavation	Continued Excavation. See Sample Conf3A 6ft
Conf 3A 6ft	Bottom of Excavation (Follow Up to Conf 3 5.5ft)	Continued Excavation Below Concrete Structure
Conf 8 7ft	Bottom of Excavation	Continued Excavation. See Sample Conf 8A 7ft
Conf 8A 7ft	Bottom of Excavation (Follow Up to Conf 8 7ft)	ELUR/Ash Exemption
12EXC-SE	Bottom of Excavation	ELUR/Ash Exemption
TRS-10 4ft	Bottom of Excavation	Continued Excavation. Refer to Sample TRS-10 5ft on Table 2.
TRS-9 4ft	Bottom of Excavation	Continued Excavation To Material Below Criteria. Refer to Sample TRS-9 6ft on Table 2.
Conf 36 4ft	Bottom of Excavation	ELUR/Ash Exemption
Conf 40 4ft	Bottom of Excavation	ELUR/Ash Exemption
Conf 11 10ft	Bottom of Excavation	Excavation to 15- feet
Conf 13 8ft	Bottom of Excavation	Excavation to 15- feet
Eastwall 1 5ft	Sidewall	Excavated to Property Line
Eastwall 4 9ft	Sidewall	Excavated to Subsurface Concrete Wall at Property Line

In the lead impacted areas (as indicated on Figure 4), post excavation confirmation samples were collected at four sidewalls as well as the bottoms of each excavation. Selected samples were also tested for SPLP lead. The results are summarized on Table 4. Total lead was also analyzed in the bottom and sidewall confirmation samples throughout the Site, as also summarized on Table 4. The following summarizes exceedances encountered during sampling for lead:

Sample Name	Sample Location	Lead Criteria Exceeded	Response to Exceedance
EXC-TP15 North 4ft	Sidewall of Excavation at Test Pit TP15 During Initial Lead Removal	Total	Continued Excavation. Refer to Sample TP15 North at 4ft taken 12/10/2009.
EXC-TPF7 East 4ft	Sidewall of Excavation at Test Pit TPF7 During Initial Lead Removal	Total	Continued Excavation. Refer to Sample TP F7 East Wall 6ft taken 5/5/2011.
TPF7 East at 4ft	Follow up to EXC-TPF7 East 4ft	Total	Continued Excavation. Refer to Sample TP F7 East Wall 6ft taken 5/5/2011.
EXC-TP4 South 6ft	Sidewall of Excavation at Test Pit TP4 During Initial Lead Removal	Total	Continued Excavation. Refer to Sample TP4 South at 6ft taken 12/10/2009.

Sample Name	Sample Location	Lead Criteria Exceeded	Response to Exceedance
Conf 1 5ft	Bottom of Excavation	Total & SPLP	Continued Excavation. Refer to Sample Conf 1A 6ft
Conf 14 at 8ftbg	Bottom of Excavation	Total & SPLP	Continued Excavation. Refer to Sample Conf 14C.
Conf 14B 9ft	Bottom of Excavation (Follow Up Sample to Conf 14 at 8ftbg)	Total & SPLP	Continued Excavation. Refer to Sample Conf 14C.
TRS-9A 6ft	Bottom of Excavation (Follow Up Sample to TRS-9)	Total	Continued Excavation. Refer to Sample TRS-9A taken 11/9/2010
TRS-1	Bottom of Excavation	Total	Continued Excavation. Refer to Sample TRS 1B
TRS-1A	Bottom of Excavation (Follow Up Sample to TRS-1)	Total	Continued Excavation. Refer to Sample TRS 1B
BLDG 25 SW-1 2ft	Sidewall	SPLP	Excavated to Property Line
Northwall 2 6ft	Sidewall	Total	Excavated to Property Line
Brick Vault Oily Sludge	Excavated Material Stockpile	Total	Placed within footprint of proposed building (isolated soil)
Ash SP	Excavated Material Stockpile	Total	Placed within footprint of proposed building (isolated soil)

6.0 GROUNDWATER

Groundwater treatment consisted of In-Situ Chemical Oxidation (ISCO) injections. This treatment was performed April 6 through 13, 2010 using RegenOx and ORC Advanced. Two years of quarterly groundwater monitoring are required. The injection work was conducted by Zebra Environmental (Zebra) of Albany, New York, and WjF GeoConsultants, Inc. (WjF) of Wilbraham, Massachusetts.

The details of the treatment and monitoring results are documented in separate reports. In particular these reports are:

- Summary of Field Activities and 1st Round Post-Injection Groundwater Monitoring, July 28, 2010
- Summary of Field Activities and 2nd Round Post-Injection Groundwater Monitoring, January 25, 2011
- Summary of Field Activities and 3rd Round Post-Injection Groundwater Monitoring, February 8, 2011
- Annual Report Post-Injection Groundwater Monitoring, June 21, 2011

Thus far, the monitoring results indicate that the VOC concentrations in groundwater samples have been reduced to below applicable RSR criteria. However, remedial earthwork damaged and removed a number of groundwater monitoring wells from the monitoring network.

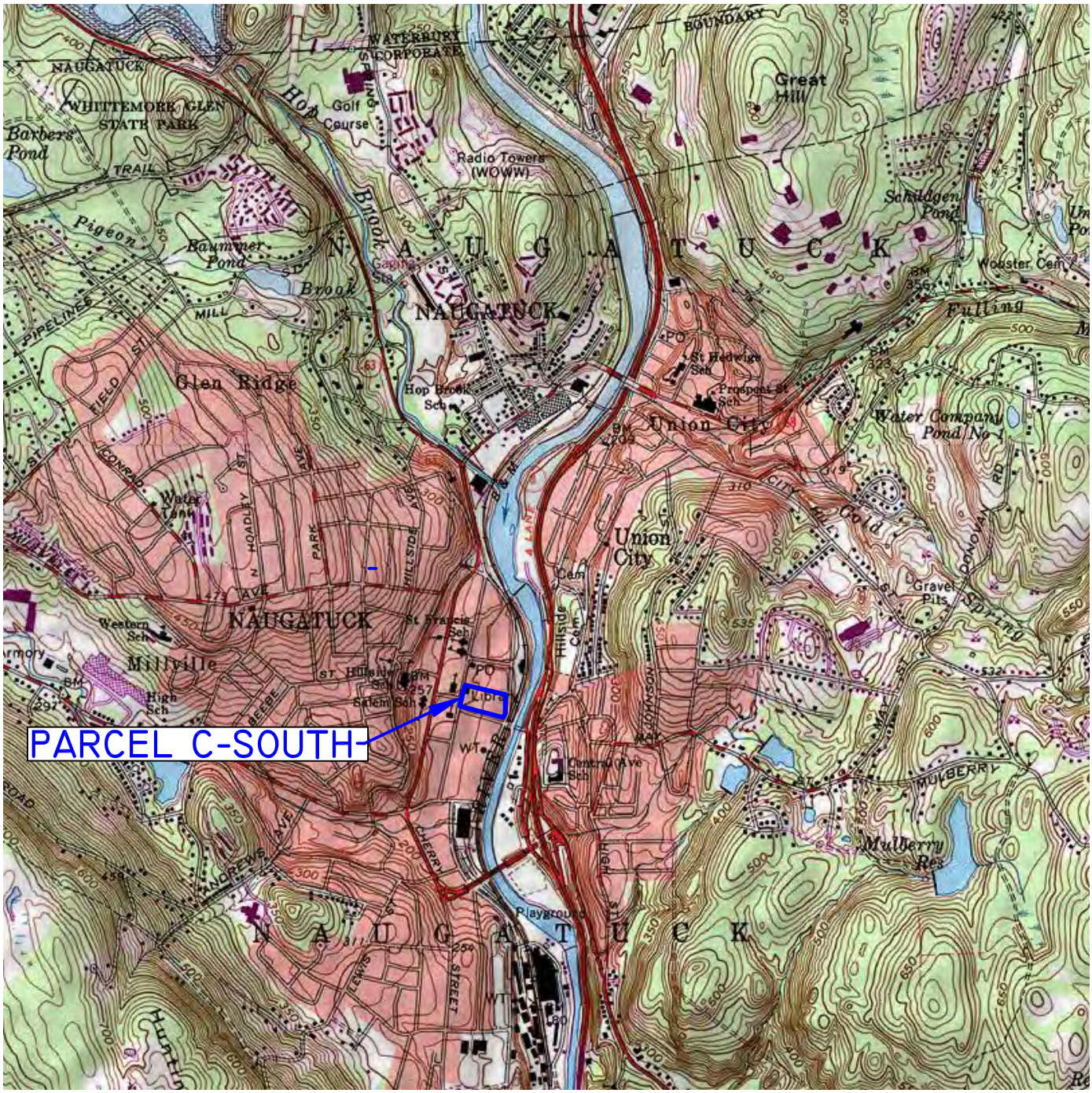
7.0 CONCLUSIONS

The Site has been successfully remediated by a combination of in-situ and ex-situ oxidation treatment methodologies, excavation and off-site disposal, and placement of contaminated fill at locations on-site where they will be rendered environmental isolated and/or inaccessible, in accordance with the Remediation Standard Regulations. In the process of remediation, methods were employed to reduce the environmental footprint of the remedial activities including crushing of boulders and concrete for reuse as fill on-site.

Subsurface structures were mostly removed to the extent practicable and the Site is ready for redevelopment. Final verification of the remedial efforts by a Licensed Environmental Professional is dependent on the future completion of the proposed building structure which is required to render the contaminated soil environmentally inaccessible and isolated, establishment of appropriate Environmental Land Use Restrictions on the property deed records, and completion of post-remediation groundwater monitoring.

APPENDIX 1

FIGURE 1	**SITE AREA PLAN**
FIGURE 2	**SITE PLAN**
FIGURE 3	**SITE PLAN & PRE REMEDIAL SUBSURFACE EXPLORATIONS**
FIGURE 4	**LOCATION OF AOCS AND APPROXIMATE EXTENT OF RSR LEAD EXCEEDANCE IN SOILS**
FIGURE 5	**CONFORMATION OF REMEDIAL EXCAVATION SAMPLE LOCATIONS**
FIGURE 6	**REMEDIATION PLAN–HORIZONTAL AND VERTICAL EXCAVATION LIMITS AND ELUR AREAS**
FIGURE 7	**GROUNDWATER TREATMENT AREA**
FIGURE 8	**SOIL TREATMENT PLAN**
FIGURE 9	**SAMPLING AND ANALYSES PLAN**



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DRAWN BY: SMC | REVIEWED BY: ANK

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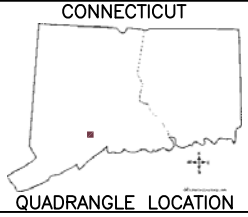


QUADRANGLE LOCATION

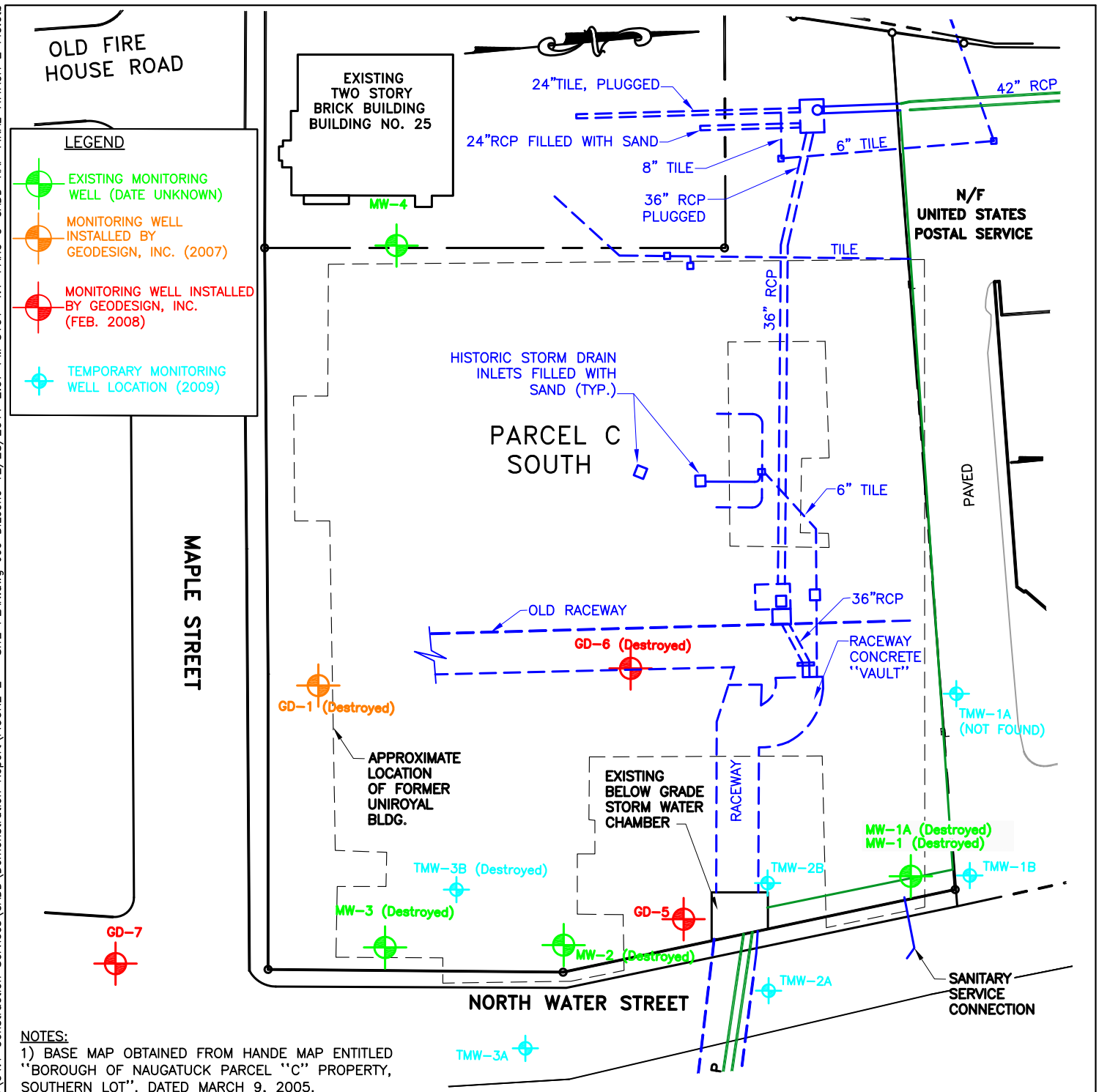
AREA PLAN
PARCEL C – SOUTH
NAUGATUCK, CONNECTICUT

REFERENCE:
U.S.G.S. 7.5 MINUTE QUADRANGLE: NAUGATUCK, CT.
Figure was created using TOPO! 2003 software

SCALE IN FEET
0 1000 2000 4000

PROJECT NO. 3101-04
DATE: 5/22/08
FIGURE NO. 1

M:\CL\3101 – Borough of Naugatuck\04 – Parcel C\04.1 Construction Services\CADD\Demonstration Report\FIGURE 1 – AREA MAP – NAUG PARCEL C.dwg Joe DiLeone 12/28/2011 2:07 PM ----



NOTES:

1) BASE MAP OBTAINED FROM HANDE MAP ENTITLED "BOROUGH OF NAUGATUCK PARCEL "C" PROPERTY, SOUTHERN LOT". DATED MARCH 9, 2005.

2) HISTORICAL STORMWATER DRAINAGE INFORMATION OBTAINED FROM MAP ENTITLED "BOROUGH OF NAUGATUCK, STORM DRAINAGE IMPROVEMENTS AT PARCEL "C", DATED JULY 1997.

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BOROUGH OF NAUGATUCK
PARCEL C–SOUTH
SITE PLAN

SCALE 1"= 60'

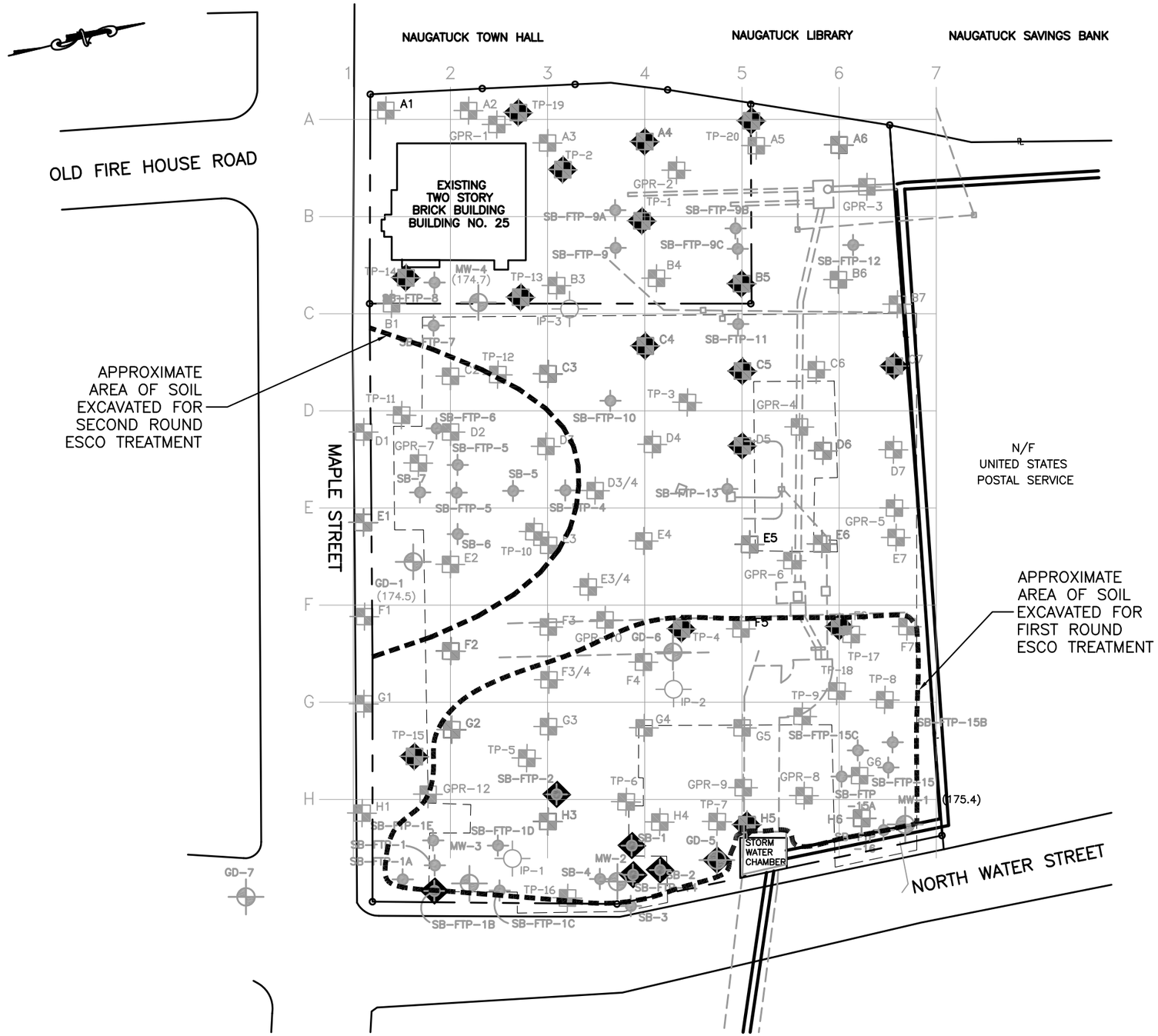
60' 30' 0 60'

PROJECT NO.	3101–004.1
DATE:	1/31/11
FIGURE NO.	2

DRAWN BY: SMC/CGE

REVIEWED BY: CGE

M:\CL\3101 – Borough of Naugatuck\04 – Parcel C\04.1 Construction Services\CADD\Demonstration Report\FIGURE 2 – SITE PLAN.dwg Joe DiLeone 12/28/2011 2:07 PM 3101-4.1-PARC C-CADD-RAP FINAL-ATTACH 2 FIG.ctb



LEGEND

- MW-1 — MONITORING WELL (DATE UNKNOWN)
- GD-1 — MONITORING WELL BY GEODESIGN, INC. (2007)
- SB-FTP-1 — SOIL BORING BY HANDEX (2004)
- TP-1 — PREVIOUS TEST PIT BY GEODESIGN, INC. (2007)
- A1 — SHALLOW TEST PIT (0' to 2') BY GEODESIGN, INC. (2008)
- A4 — DEEP TEST PIT (0'–10') BY GEODESIGN, INC. (2008)
- GPR4 — GROUND PENETRATING RADAR TEST PIT GPR SURVEY CONDUCTED BY NOVA GEOPHYSICAL SERVICES, NY.
- A4 — TEST PIT OR BORING WITH ASH AND/OR COAL ASH OBSERVED
- — — — FORMER BUILDING FOOTPRINT

NOTES:

1) BASE MAP OBTAINED FROM HANDEX MAP ENTITLED "BOROUGH OF NAUGATUCK PARCEL "C" PROPERTY, SOUTHERN LOT, DATED MARCH 9. 2005. HISTORICAL SAMPLE LOCATIONS WERE MANUALLY IMPORTED FROM VARIOUS DRAWINGS PREPARED BY OTHERS. ALL SAMPLE LOCATIONS SHOULD BE CONSIDERED APPROXIMATE.

DESIGNED BY CGE						
DRAWN BY RJB						
CHECKED BY CGE						
APPROVED BY TFC	NO.	DATE	REVISIONS	DRWN.	CHKD	APPVD

SCALE 1"=60'
0' 30' 60'

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PROJECT: BOROUGH OF NAUGAUTCK PARCEL C-SOUTH

DWG. TITLE: SITE PLAN & PREREMEDIAL SUBSURFACE EXPLORATIONS

FILE NO. 3101-004.1
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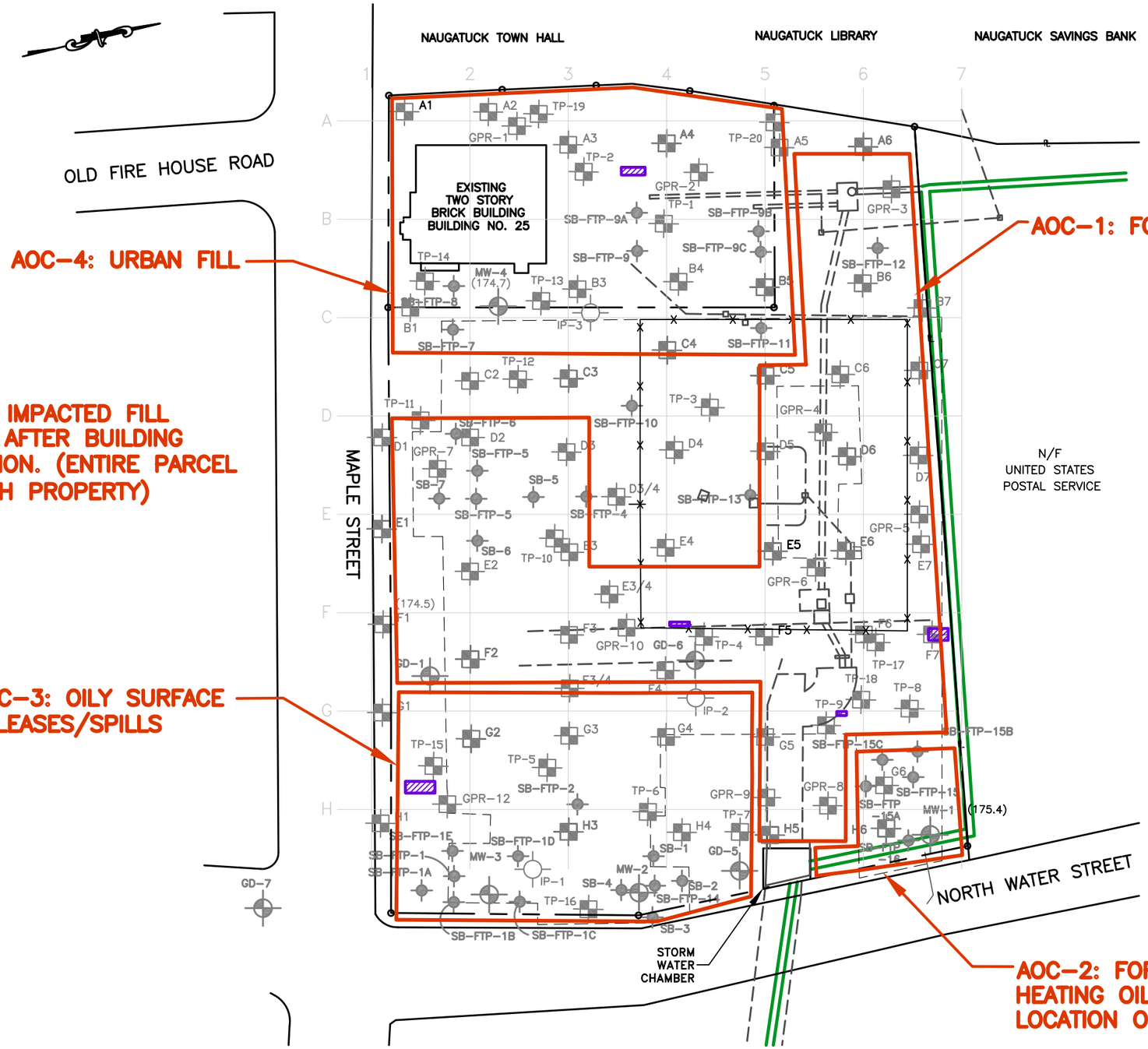
FIGURE NO. 3



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1) BASE MAP OBTAINED FROM HANDEX MAP ENTITLED "BOROUGH OF NAUGATUCK PARCEL "C" PROPERTY, SOUTHERN LOT, DATED MARCH 9. 2005. HISTORICAL SAMPLE LOCATIONS WERE MANUALLY IMPORTED FROM VARIOUS DRAWINGS PREPARED BY OTHERS. ALL SAMPLE LOCATIONS SHOULD BE CONSIDERED APPROXIMATE.

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APPROVED BY TFC	NO.	DATE	REVISIONS	DRWN.	CHKD	APPVD

SCALE 1"=60'
0' 30' 60'

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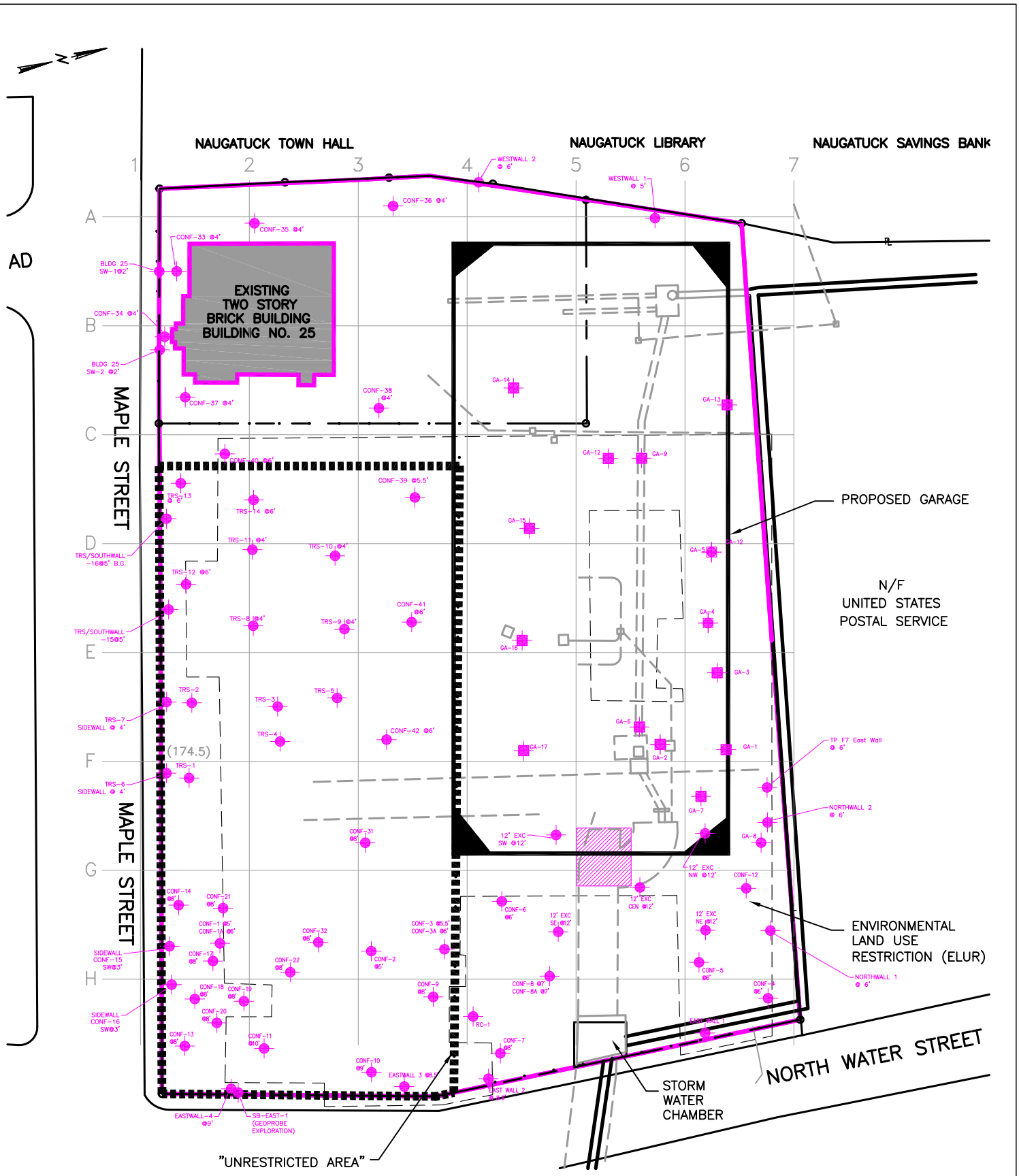
PROJECT
BOROUGH OF NAUGAUTCK
PARCEL C-SOUTH

FILE NO. 3101-004.1
SCALE 1" = 60'
DATE 7/28/11

DWG. TITLE
LOCATION OF AOCs & APPROXIMATE EXTENT OF RSR LEAD EXCEEDANCE IN SOILS

FIGURE NO. 4



DESIGNED BY CGE	SCALE IN FEET 1" = 60' (0' 15' 30' 60')	GEODESIGN INCORPORATED D/B/A GEODESIGN INC., PC Geotechnical | Construction | Environmental Engineers and Scientists 984 SOUTHFORD ROAD • MIDDLEBURY, CONNECTICUT 06762 TELEPHONE: 203.758.8836 FACSIMILE: 203.758.8842	PROJECT BOROUGH OF NAUGAUTCK PARCEL C–SOUTH	FILE NO. 3101–004.1
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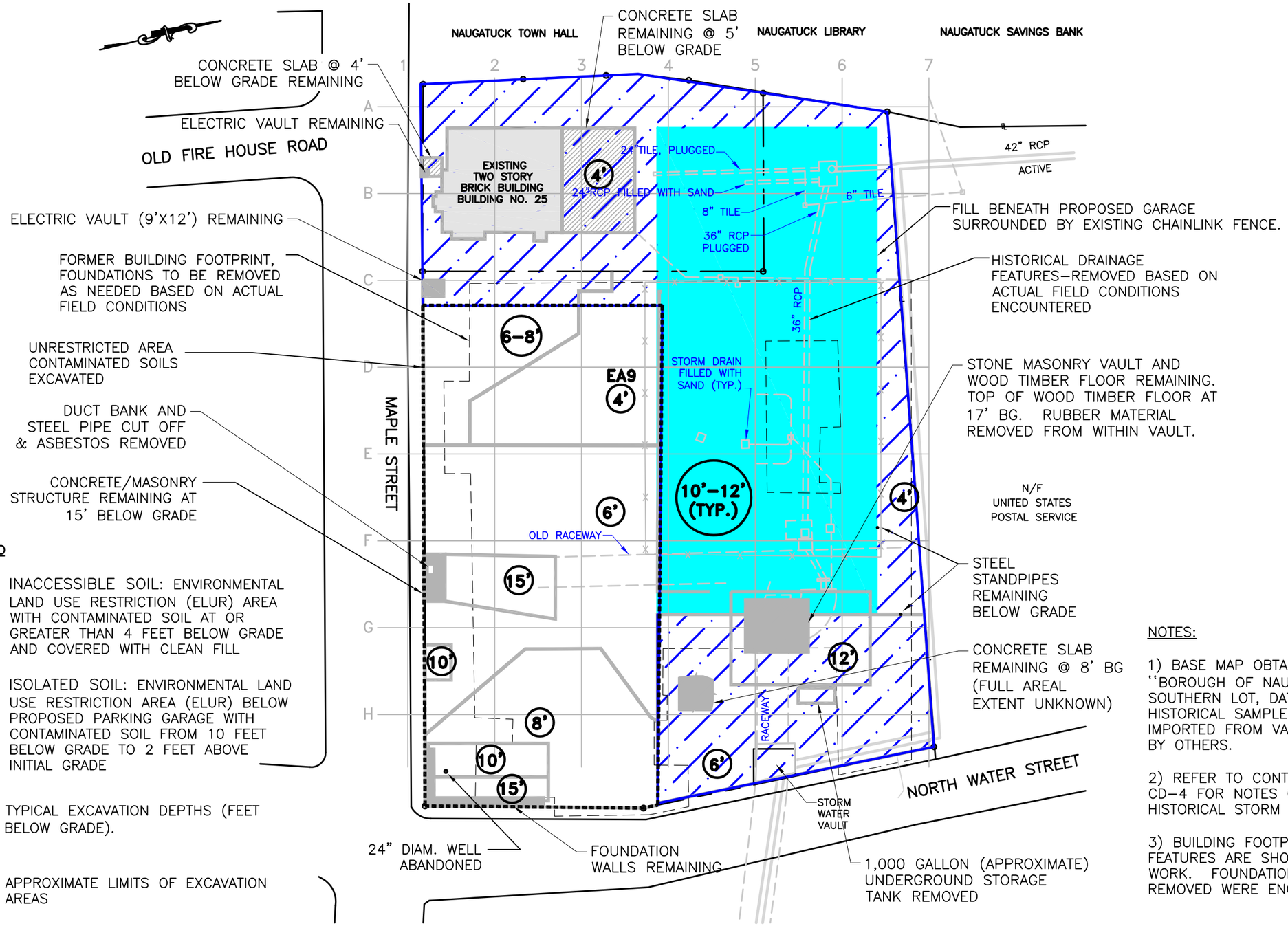
CHECKED BY CGE			DWG. TITLE. CONFIRMATION OF REMEDIAL EXCAVATION SAMPLE LOCATIONS	FIGURE NO. 5
APPROVED BY TFC				

M:\CL\3101 – Borough of Naugatuck\04 – Parcel C\04.1 Construction Services\CADD\Demonstration Report\FIGURE 5 – 04.1 – 2009 – RAP – Final Figs – Parcel C – SOUTH LOT – FIELD SKETCHES.DWG Joe DiLaone 12/29/2011 1:31 PM monochrome with Exceptions2 3101-4-1.ctb



NOTES:

1) BASE MAP OBTAINED FROM HANDEX MAP ENTITLED "BOROUGH OF NAUGATUCK PARCEL "C" PROPERTY, SOUTHERN LOT, DATED MARCH 9. 2005. HISTORICAL SAMPLE LOCATIONS WERE MANUALLY IMPORTED FROM VARIOUS DRAWINGS PREPARED BY OTHERS.

2) REFER TO CONTRACT DRAWINGS CD–2 THROUGH CD–4 FOR NOTES ON BUILDING FOOTPRINT AND HISTORICAL STORM WATER DRAINAGE COMPONENTS

3) BUILDING FOOTPRINT AND HISTORICAL DRAINAGE FEATURES ARE SHOWN AS INFERRED PRIOR TO SITE WORK. FOUNDATIONS AND DRAINS HAVE BEEN REMOVED WERE ENCOUNTERED EXCEPT AS NOTED.

DESIGNED BY CGE						
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APPROVED BY TFC	NO.	DATE		DRWN.	CHKD	APPVD
	REVISIONS					

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SCALE 1"=60'
0' 30' 60'

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PROJECT
BOROUGH OF NAUGATUCK PARCEL C–SOUTH

DWG. TITLE
REMEDIATION PLAN – HORIZONTAL AND VERTICAL EXCAVATION LIMITS AND ELUR AREAS

FILE NO. 3101–004.01
SCALE AS NOTED
DATE 8/1/2011
FIGURE NO. 6

M:\CL\3101 – Borough of Naugatuck\04 – Parcel C\04.1 Construction Services\CADD\Demonstration Report\FIGURE 6 – ELUR and Treatment Plan(1-17-2011).dwg Joe DiLuzio 12/28/2011 2:09 PM COLORS IN-EXCEPTIONS.ctb

M:\CL\3101 – Borough of Naugatuck\04 – Parcel C\04.1 Construction Services\CADD\Demonstration Report\FIGURE 7 – pic 003.dwg Joe DiLeone 12/30/2011 9:46 AM monochrome w

DESIGNED BY CGE						
DRAWN BY JPM						
CHECKED BY CGE	NO.	DATE		DRWN.	CHKD	APPVD
APPROVED BY TFC	REVISIONS					

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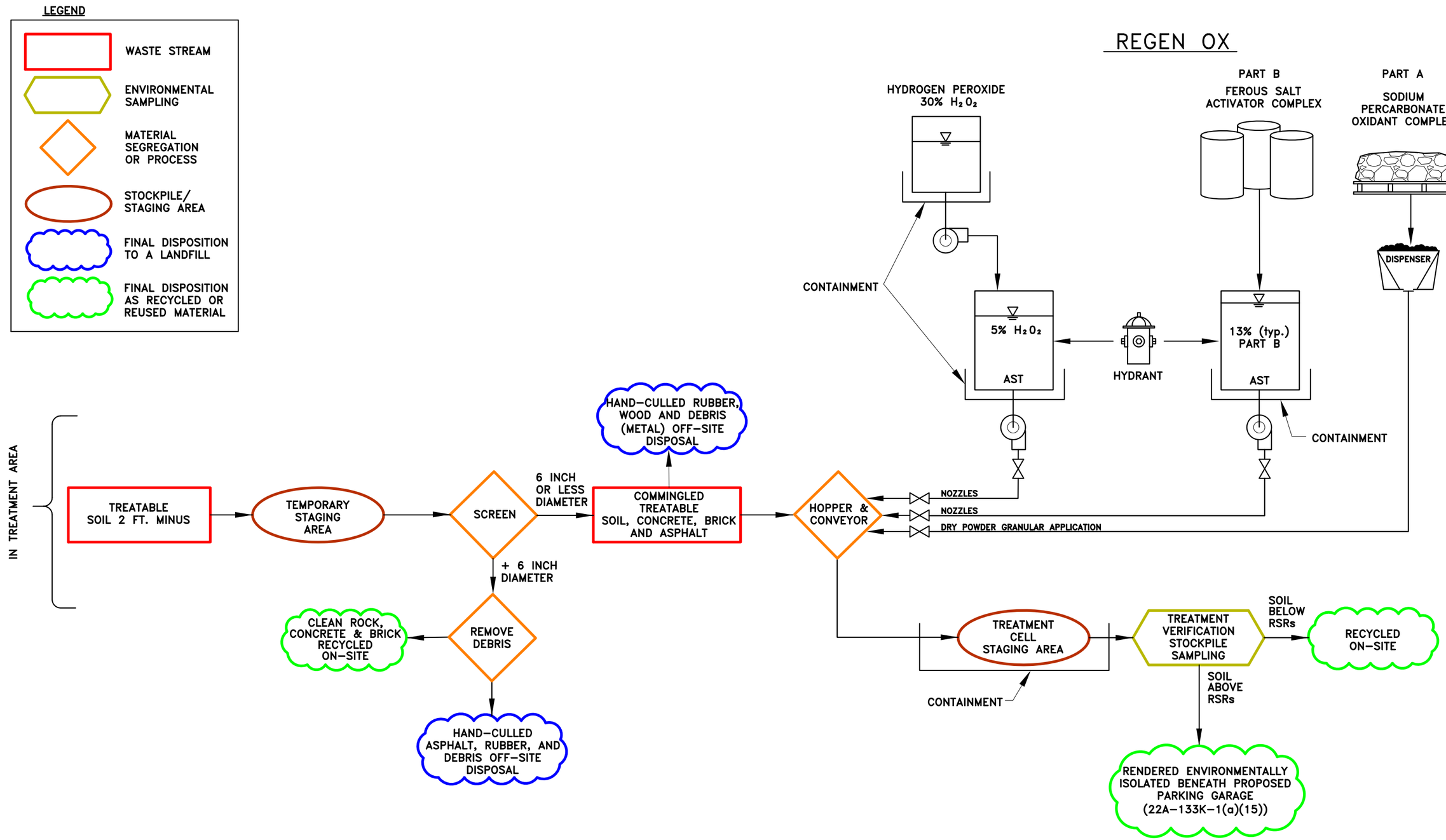
PROJECT
BOROUGH OF NAUGATUCK
PARCEL C – SOUTH REMEDIATION

SOIL TREATMENT PROCESS EQUIPMENT

FILE NO. 3101–004.01
SCALE N.T.S.
DATE 12/20/2010
FIGURE NO. 7



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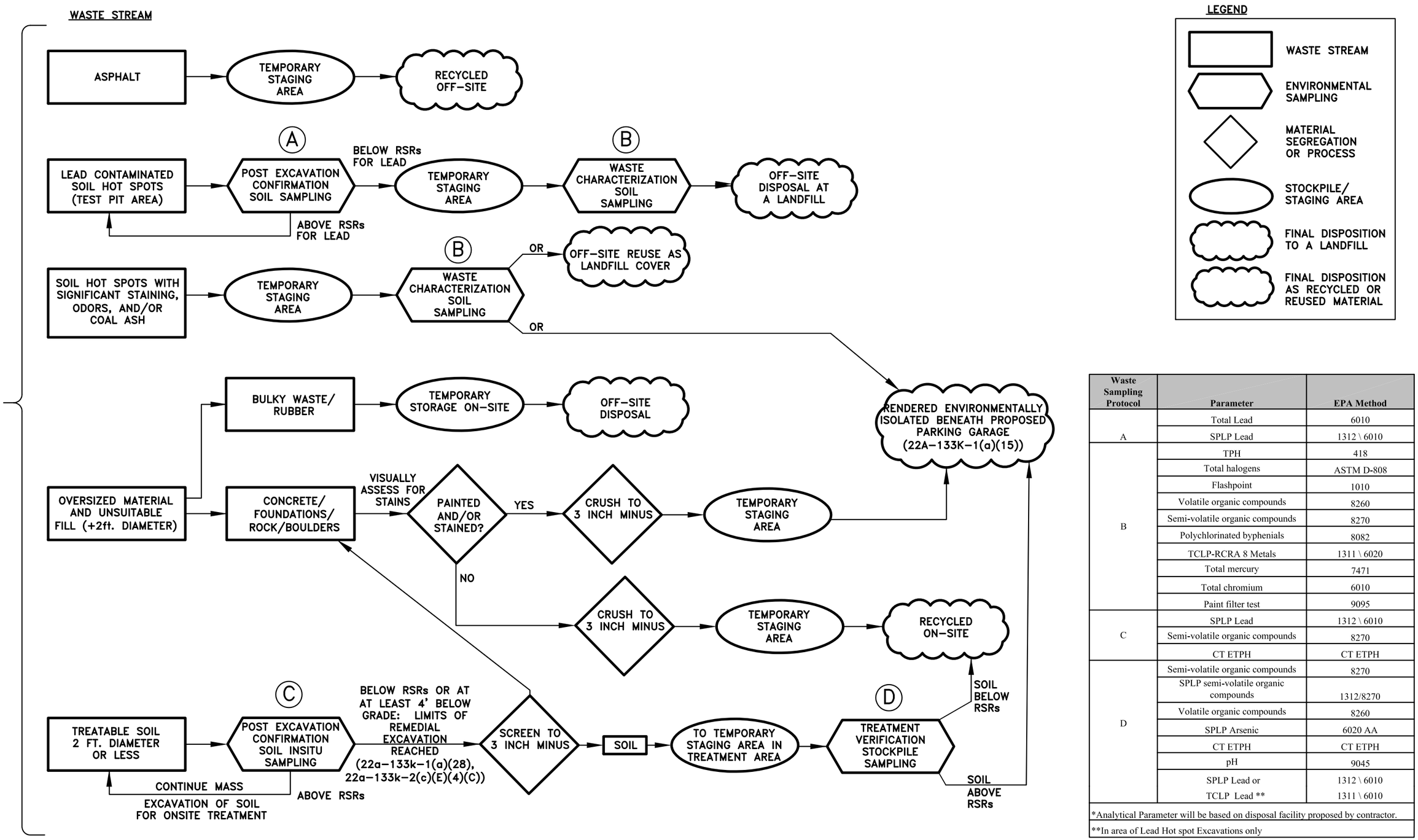
PROJECT
BOROUGH OF NAUGATUCK
PARCEL C-SOUTH

SOIL TREATMENT PLAN

FILE NO. 3101-04.1
SCALE N/A
DATE 3/1/11
FIGURE NO. 8

M:\CL\3101 – Borough of Naugatuck\04 – Parcel C\04.1 Construction Services\CADD\Demonstration Report\FIGURES 8-9 – WASTE MANAGEMENT PLAN FLOW CHART.dwg Joe DiLeone 12/30/2011 9:47 AM 3101-04.1 – PARCEL C – FIG 10.c



Waste Sampling Protocol	Parameter	EPA Method
A	Total Lead	6010
	SPLP Lead	1312 \ 6010
B	TPH	418
	Total halogens	ASTM D-808
	Flashpoint	1010
	Volatile organic compounds	8260
	Semi-volatile organic compounds	8270
	Polychlorinated byphenials	8082
	TCLP-RCRA 8 Metals	1311 \ 6020
	Total mercury	7471
	Total chromium	6010
	Paint filter test	9095
C	SPLP Lead	1312 \ 6010
	Semi-volatile organic compounds	8270
	CT ETPH	CT ETPH
D	Semi-volatile organic compounds	8270
	SPLP semi-volatile organic compounds	1312/8270
	Volatile organic compounds	8260
	SPLP Arsenic	6020 AA
	CT ETPH	CT ETPH
	pH	9045
	SPLP Lead or TCLP Lead **	1312 \ 6010 1311 \ 6010

*Analytical Parameter will be based on disposal facility proposed by contractor.

**In area of Lead Hot spot Excavations only

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PROJECT
CONTRACT 09-01 DRAWINGS
BOROUGH OF NAUGATUCK
PARCEL C-SOUTH

SAMPLING AND ANALYSES PLAN

FILE NO. 3101-04.1
SCALE N/A
DATE 3/1/11
FIGURE NO. 9

M:\CL\3101 – Borough of Naugatuck\04 – Parcel C\04.1 Construction Services\CADD\Demonstration Report\FIGURES 9-10 – WASTE MANAGEMENT PLAN FLOW CHART.dwg Joe DiLeone 12/28/2011 2:11 PM monochrome w exceptions.ctb

APPENDIX 2

TABLE 1	**SUMMARY OF SVOCS AND ETPH PRE-ESCO TREATMENT SAMPLES**
TABLE 2	**SUMMARY OF SVOCS AND ETPH POST REMEDIATION & OFF-SITE DISPOSAL CHARATERIZATION SAMPLES**
TABLE 3	**SUMMARY OF VOCS AND ETPH POST REMEDIATION SOIL SAMPLES**
TABLE 4	**SUMMARY OF ARSENIC AND LEAD POST REMEDIATION SOIL SAMPLES**
TABLE 5	**SUMMARY OF SVOCS AND ETPH POST REMEDIATION SOIL SAMPLES**

TABLE 1
PRE-ESCO TREATMENT COMPOUND CONCENTRATIONS
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUNDS & EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS IN SOIL
PARCEL C - SOUTH REMEDIAL ACTION REPORT
NAUGATUCK, CT

PRESENCE OF ASH	SAMPLE TYPE	Sample ID	Collection Date	Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic Acid	Butylbenzylphthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethylphthalate	Di-n-butylphthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methyl Naphthalene	Naphthalene	Phenanthrene	Phenol	Pyrene	ETPH
				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg
WITH ASH		TP D5 0-2ft	10/27/2008	ND<349	ND<349	NT	510	2000	1200	1300	850	590	NT	NT	NT	**1700**	ND<349	NT	NT	NT	2800	ND<349	690	ND<349	ND<349	1800	NT	2400	NT
		TPA3 0-2ft	10/24/2008	ND<334	500	NT	ND<334	NT	NT	NT	NT	NT	NT	NT	NT	**2400**	NT	NT	NT	NT	5900	ND<334	NT	ND<334	ND<334	2700	NT	4600	ND<56
		TPA4 0-2ft	10/24/2008	ND<341	ND<341	NT	390	NT	NT	NT	NT	NT	NT	NT	NT	**1200**	NT	NT	NT	NT	2700	ND<341	NT	ND<341	ND<341	1500	NT	1900	ND<57
		TPA4 2_5ft	10/24/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TPA4 6ft	10/24/2008	ND<310	ND<310	NT	ND<310	NT	NT	NT	NT	NT	NT	NT	NT	ND<310	NT	NT	NT	NT	ND<310	ND<310	NT	ND<310	ND<310	ND<310	NT	ND<310	ND<52
		TPB5 0-2ft	10/24/2008	ND<358	ND<358	NT	ND<358	NT	NT	NT	NT	NT	NT	NT	NT	ND<358	NT	NT	NT	NT	520	ND<358	NT	ND<358	ND<358	ND<358	NT	460	NT
		TPB5 6_5ft	10/24/2008	ND<330	ND<330	NT	ND<330	NT	NT	NT	NT	NT	NT	NT	NT	ND<330	NT	NT	NT	NT	ND<330	ND<330	NT	ND<330	ND<330	ND<330	NT	ND<330	NT
		TPC4 0-2ft	10/24/2008	ND<349	ND<349	NT	ND<349	NT	NT	NT	NT	NT	NT	NT	NT	ND<349	NT	NT	NT	NT	ND<349	ND<349	NT	ND<349	ND<349	ND<349	NT	ND<349	NT
		TPC4 7ft	10/24/2008	ND<327	ND<327	NT	ND<327	NT	NT	NT	NT	NT	NT	NT	NT	ND<327	NT	NT	NT	NT	ND<327	ND<327	NT	ND<327	ND<327	ND<327	NT	ND<327	ND<55
		TPC5 0-2ft	10/24/2008	ND<338	ND<338	NT	ND<338	NT	NT	NT	NT	NT	NT	NT	NT	**1900**	NT	NT	NT	NT	3100	ND<338	NT	ND<338	ND<338	1100	NT	2600	NT
		TPC5 5ft	10/24/2008	ND<338	ND<338	NT	ND<338	NT	NT	NT	NT	NT	NT	NT	NT	ND<338	NT	NT	NT	NT	ND<338	ND<338	NT	ND<338	ND<338	ND<338	NT	ND<338	ND<57
		TPC7 0-2ft	10/24/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TP-F6 0-2ft	11/14/2008	ND<327	ND<327	NT	500	NT	NT	NT	NT	NT	NT	NT	NT	**1300**	NT	NT	NT	NT	2000	ND<327	NT	ND<327	ND<327	1200	NT	1800	NT
		TP H-5/0-2'	10/17/2008	NT	520	NT	930	NT	NT	NT	NT	NT	NT	NT	NT	**3100**	NT	NT	NT	NT	5900	NT	NT	NT	NT	2700	NT	5200	300
		TP H-5/2'	10/17/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TP F6/0-2'	10/22/2008	ND<327	ND<327	NT	500	NT	NT	NT	NT	NT	NT	NT	NT	**1300**	NT	NT	NT	NT	2000	ND<327	NT	ND<327	ND<327	1200	NT	1800	NT
WITHOUT ASH	TEST PITS	TP A5 0-2ft	10/27/2008	ND<341	ND<341	NT	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	NT	NT	NT	ND<341	ND<341	NT	NT	NT	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	NT	ND<341	NT
		TP B4 0-2ft	10/27/2008	ND<349	2800	NT	2100	**6900**	**6100**	**9500**	**3700**	**2800**	NT	NT	NT	**5800**	**1100**	NT	NT	NT	13000	ND<349	**3700**	ND<349	ND<349	5400	NT	11000	NT
		TP C2 0-2ft	10/27/2008	ND<323	ND<323	NT	360	**2200**	**2200**	**2100**	**2000**	830	NT	NT	NT	**1900**	370	NT	NT	NT	3900	ND<323	**1700**	ND<323	ND<323	1300	NT	3700	NT
		TPA1 0-2ft	10/24/2008	ND<307	ND<307	NT	ND<307	NT	NT	NT	NT	NT	NT	NT	NT	ND<307	NT	NT	NT	NT	ND<307	ND<307	NT	ND<307	ND<307	ND<307	NT	ND<307	NT
		TPA2 0-2ft	10/24/2008	ND<316	ND<316	NT	ND<316	NT	NT	NT	NT	NT	NT	NT	NT	ND<316	NT	NT	NT	NT	ND<316	ND<316	NT	ND<316	ND<316	ND<316	NT	ND<316	NT
		TPA2A 0-2ft	10/24/2008	ND<316	ND<316	NT	ND<316	NT	NT	NT	NT	NT	NT	NT	NT	ND<316	NT	NT	NT	NT	ND<316	ND<316	NT	ND<316	ND<316	ND<316	NT	ND<316	NT
		TPA6 0-2ft	10/24/2008	ND<316	ND<316	NT	650	NT	NT	NT	NT	NT	NT	NT	NT	**2600**	NT	NT	NT	NT	5100	ND<316	NT	ND<316	ND<316	3300	NT	4100	NT
		TPA6 7ft	10/24/2008	ND<330	ND<330	NT	ND<330	NT	NT	NT	NT	NT	NT	NT	NT	ND<330	NT	NT	NT	NT	390	ND<330	NT	ND<330	ND<330	ND<330	NT	430	NT
		TPB1 0-2ft	10/24/2008	ND<341	ND<341	NT	ND<341	NT	NT	NT	NT	NT	NT	NT	NT	ND<341	NT	NT	NT	NT	580	ND<341	NT	ND<341	ND<341	ND<341	NT	520	NT
		TPB3 0-2ft	10/24/2008	ND<345	ND<345	NT	ND<345	NT	NT	NT	NT	NT	NT	NT	NT	ND<345	NT	NT	NT	NT	ND<345	ND<345	NT	ND<345	ND<345	ND<345	NT	ND<345	NT
		TPB6 0-2ft	10/24/2008	ND<327	ND<327	NT	ND<327	NT	NT	NT	NT	NT	NT	NT	NT	570	NT	NT	NT	NT	980	ND<327	NT	ND<327	ND<327	450	NT	800	NT
		TPB6 7ft	10/24/2008	ND<327	ND<327	NT	ND<327	NT	NT	NT	NT	NT	NT	NT	NT	ND<327	NT	NT	NT	NT	410	ND<327	NT	ND<327	ND<327	ND<327	NT	350	ND<55
		TPB7 0-2ft	10/24/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TPC3 0-2ft	10/24/2008	ND<323	ND<323	NT	ND<323	NT	NT	NT	NT	NT	NT	NT	NT	1000	NT	NT	NT	NT	2100	ND<323	NT	ND<323	ND<323	1200	NT	1800	NT
		TPC3 2ft	10/24/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TPC3 6_5ft	10/24/2008	ND<313	ND<313	NT	ND<313	NT	NT	NT	NT	NT	NT	NT	NT	ND<313	NT	NT	NT	NT	ND<313	ND<313	NT	ND<313	ND<313	ND<313	NT	ND<313	NT
		TPC3A 0-2ft	10/24/2008	ND<327	ND<327	NT	360	NT	NT	NT	NT	NT	NT	NT	NT	960	NT	NT	NT	NT	2100	ND<327	NT	ND<327	ND<327	1100	NT	1900	NT
		TPC3A 2ft	10/24/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TPC3A 6_5ft	10/24/2008	ND<313	ND<313	NT	ND<313	NT	NT	NT	NT	NT	NT	NT	NT	ND<313	NT	NT	NT	NT	ND<313	ND<313	NT	ND<313	ND<313	ND<313	NT	ND<313	NT
		TPC6 0-2ft	10/24/2008	ND<330	ND<330	NT	ND<330	NT	NT	NT	NT	NT	NT	NT	NT	ND<330	NT	NT	NT	NT	ND<330	ND<330	NT	ND<330	ND<330	ND<330	NT	ND<330	NT
		TPD1 0-2ft	10/24/2008	ND<334	ND<334	NT	ND<334	NT	NT	NT	NT	NT	NT	NT	NT	640	NT	NT	NT	NT	1300	ND<334	NT	ND<334	ND<334	570	NT	1200	NT
		TPD2 0-2ft	10/24/2008	ND<327	ND<327	NT	ND<327	NT	NT	NT	NT	NT	NT	NT	NT	620	NT	NT	NT	NT	1200	ND<327	NT	ND<327	ND<327	450	NT	1100	NT
		TPD3 0-2ft	10/24/2008	ND<358	390	NT	460	NT	NT	NT	NT	NT	NT	NT	NT	**1600**	NT	NT	NT	NT	3200	ND<358	NT	ND<358	ND<358	1200	NT	3000	NT
		TPD3/4 0-2ft	10/24/2008	ND<330	ND<330	NT	530	NT	NT	NT	NT	NT	NT	NT	NT	**1700**	NT	NT	NT	NT	3900	ND<330	NT	ND<330	ND<330	1300	NT	3600	ND<55
		TPD3/4 6_5ft	10/24/2008	ND<320	ND<320	NT	ND<320	NT	NT	NT	NT	NT	NT	NT	NT	ND<320	NT	NT	NT	NT	390	ND<320	NT	ND<320	ND<320	ND<320	NT	350	ND<54
		TPD4 0-2ft	10/24/2008	ND<323	380	NT	1200	NT	NT	NT	NT	NT	NT	NT	NT	**3000**	NT	NT	NT	NT	6100	330	NT	ND<323	ND<323	3400	NT	5400	NT
		TPD6 0-2ft	10/24/2008	ND<330	ND<330	NT	330	NT	NT	NT	NT	NT	NT	NT	NT	**1100**	NT	NT	NT	NT	2400	ND<330	NT	ND<330	ND<330	900	NT	2100	NT
		TPD6 6_5ft	10/24/2008	ND<327	ND<327	NT	ND<327	NT	NT	NT	NT	NT	NT	NT	NT	ND<327	NT	NT	NT	NT	ND<327	ND<327	NT	ND<327	ND<327	ND<327	NT	ND<327	NT
		TPD7 0-2ft	10/24/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TP-E1 0-2ft	10/22/2008	ND<327	830	NT	1300	NT	NT	NT	NT	NT	NT	NT	NT	**6100**	NT	NT	NT	NT	13000	ND<327	NT	ND<327	ND<327	5900	NT	11000	NT
		TP-E1 7ft	10/23/2008	ND<330	ND<330	NT	ND<330	NT	NT	NT	NT	NT	NT	NT	NT	ND<330	NT	NT	NT	NT	ND<330	ND<330	NT	ND<330	ND<330	ND<330	NT	ND<330	ND<55
		TP-E2 0-2ft	10/24/2008	ND<334	ND<334	NT	ND<334	NT	NT	NT	NT	NT	NT	NT	NT	970	NT	NT	NT	NT	1600	ND<334	NT	ND<334	ND<334	510	NT	1400	NT
		TP-E3 0-2ft	10/25/2008	ND<334	ND<334	NT	ND<334	NT	NT	NT	NT	NT	NT	NT	NT	1000	NT	NT	NT	NT	1900	ND<334	NT	ND<334	ND<334	570	NT	1700	NT
		TP-E3/4 0-2ft	10/26/2008	ND<330	620	NT	1600	NT	NT	NT	NT	NT	NT	NT	NT	**4500**	NT	NT	NT	NT	10000	390	NT	ND<330	ND<330	5900	NT	9600	NT
		TP-E3/4 2_5ft	10/27/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TP-E3/4 7_5ft	10/28/2008	ND<327	ND<327	NT	ND<327	NT	NT	NT	NT	NT	NT	NT	NT	ND<327	NT	NT	NT	NT	ND<327	ND<327	NT	ND<327	ND<327	ND<327	NT	ND<327	ND<55
		TP-E3/4A 0-2ft	10/29/2008	ND<334	ND<334	NT	710	NT	NT	NT	NT	NT	NT	NT	NT	1900	NT	NT	NT	NT	4400	ND<334	NT	ND<334	ND<334	2200	NT	3600	NT
		TP-E3/4A 2_5ft	10/30/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TP-E3/4A 7_5ft	10/31/2008	ND<323	ND<323	NT	ND<323	NT	NT	NT	NT	NT	NT	NT	NT	ND<323	NT	NT	NT	NT	ND<323	ND<323	NT	ND<323	ND<323	ND<323	NT	ND<323	ND<54
		TP-E4 0-2ft	11/1/2008	ND<327	ND<327	NT	580	NT	NT	NT	NT	NT	NT	NT	NT	**2500**	NT	NT	NT	NT	4900	ND<327	NT	ND<327	ND<327	1700	NT	4500	
		TP-E5 0-2ft	11/2/2008	ND<338	5100	NT	3500	NT	NT	NT	NT	NT	NT	NT	NT	4900	NT	NT	NT	NT	NT	1400	NT	ND<338	ND<338	7200	NT	NT	NT
		TP-E5 7ft	11/3/2008	ND<349	ND<349	NT	ND<349	NT	NT	NT	NT	NT	NT	NT	NT	ND<349	NT	NT	NT	NT	ND<349	ND<349	NT	ND<349	ND<349	ND<349	NT	ND<349	ND<59
		TP-E6 0-2ft	11/4/2008	ND<320	ND<320	NT	ND<320	NT	NT	NT	NT	NT	NT	NT	NT	930	NT	NT	NT	NT	1800	ND<320	NT	ND<320	ND<320	770	NT	1600	NT
		TP-E6 9ft	11/5/2008	ND<320	ND<320	NT	ND<320	NT	NT	NT	NT	NT	NT	NT	NT	ND<320	NT	NT	NT	NT	ND<320	ND<320	NT	ND<320	ND<320	ND<320	NT	ND<320	ND<54
		TP-E7 0-2ft	11/6/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TP-F1 0-2ft	11/7/2008	ND<334	500	NT	490	NT	NT	NT	NT	NT	NT	NT	NT	**1500**	NT	NT	NT	NT	3100	ND<334	NT	ND<334	ND<334	1700	NT	2700	NT
		TP-F2 0-2ft	11/8/2008	ND<330	1400	NT	1700	NT	NT	NT	NT	NT	NT	NT	NT	**6800**	NT	NT	NT	NT	12000	410	NT	ND<330	400	4400	NT	11000	NT
Remedial Criteria		R-DEC	---	1000000	1000000	107000	1000000	1000	1000	1000	1000000	8400	1000000	1000000	NE	84000	1000	270000	1000000	1000000	1000000	1000000	1000	474000	1000000	1000000	1000000	1000000	500
		I/C-DEC	---	2500000	2500000	NE	2500000	7800	1000	7800	2500000	78000	2500000	2500000	NE	780000	1000	2500000	1000000	2500000	2500000	2500000	7800	2500000	2500000	2500000	2500000	2500000	2500
		GB-PMC	---	84000	84000	1200	400000	1000	1000	1000	42000	1000	10000000	NT	NE	1000	1000	5600	1100000	140000	56000	56000	1000	9800	56000	40000	860000	40000	2500

Legend:
R-DEC = Residential Direct Exposure Criteria
I/C-DEC = Industrial / Commercial Direct Exposure Criteria
GB-PMC = GB Pollutant Mobility Criteria
ND = Not Detected
NT = Not Tested

Notes:
1. Samples obtained by GeoDesign, Inc and analyzed by Complete Environmental Testing (CET) of Stratford, CT. Samples were preserved in accordance with CTDEEP guidance
2. Remediation Standards obtained from Regulations for Connecticut State Agencies Section 22a-133k-2.
3. Bold valves indicate an exceedance of remedial standards.
4. For test pits, ash is based upon visual observation with naked eye. For stockpiles, ash presence was confirmed with scanning electron microscopy.

TABLE 1
PRE-ESCO TREATMENT COMPOUND CONCENTRATIONS
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUNDS & EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS IN SOIL
PARCEL C - SOUTH REMEDIAL ACTION REPORT
NAUGATUCK, CT

PRESENCE OF ASH	SAMPLE TYPE	Sample ID	Collection Date	Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,I)perylene	Benzo(k)fluoranthene	Benzoic Acid	Butylbenzylphthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethylphthalate	Di-n-butylphthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methyl Naphthalene	Naphthalene	Phenanthrene	Phenol	Pyrene	ETPH
			RESULTS IN	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg
WITHOUT ASH	TEST PITS	TP-F2 7ft	11/9/2008	ND<362	ND<362	NT	ND<362	NT	NT	NT	NT	NT	NT	NT	NT	ND<362	NT	NT	NT	NT	ND<362	ND<362	NT	ND<362	ND<362	ND<362	NT	ND<362	NT
		TP-F3 0-2ft	11/10/2008	ND<334	520	NT	840	NT	NT	NT	NT	NT	NT	NT	NT	2400	NT	NT	NT	NT	4900	ND<334	NT	ND<334	ND<334	2800	NT	4500	NT
		TP-F3/4 6_5ft	11/11/2008	ND<341	ND<341	NT	ND<341	NT	NT	NT	NT	NT	NT	NT	NT	ND<341	NT	NT	NT	NT	380	ND<341	NT	ND<341	ND<341	ND<341	NT	ND<341	ND<57
		TP-F4 0-2ft	11/12/2008	ND<330	1000	NT	1000	NT	NT	NT	NT	NT	NT	NT	NT	2400	NT	NT	NT	NT	5100	ND<330	NT	ND<330	ND<330	1900	NT	4600	730
		TP-F5 0-2ft	11/13/2008	ND<334	2000	NT	2000	NT	NT	NT	NT	NT	NT	NT	NT	5300	NT	NT	NT	NT	12000	610	NT	ND<334	ND<334	6900	NT	11000	130
		TP-F7 0-2ft	11/15/2008	ND<345	ND<345	NT	ND<345	NT	NT	NT	NT	NT	NT	NT	NT	1100	NT	NT	NT	NT	2400	ND<345	NT	ND<345	ND<345	1100	NT	2200	NT
		TP-G1 0-2ft	11/16/2008	720	2200	NT	3700	NT	NT	NT	NT	NT	NT	NT	NT	4600	NT	NT	NT	NT	10000	3600	NT	1100	1700	16000	NT	8600	NT
		TP-G1A 0-2ft	11/17/2008	ND<327	550	NT	630	NT	NT	NT	NT	NT	NT	NT	NT	2600	NT	NT	NT	NT	5700	350	NT	ND<327	ND<327	5100	NT	4900	NT
		TP-G2 0-2ft	11/18/2008	ND<320	ND<320	NT	600	NT	NT	NT	NT	NT	NT	NT	NT	2200	NT	NT	NT	NT	4300	ND<320	NT	ND<320	ND<320	1800	NT	3700	NT
		TP-G2 6_5ft	11/19/2008	ND<327	ND<327	NT	ND<327	NT	NT	NT	NT	NT	NT	NT	NT	ND<327	NT	NT	NT	NT	ND<327	ND<327	NT	ND<327	ND<327	ND<327	NT	ND<327	NT
		TP-E5 0-2ft Dil	11/20/2008	ND<1686	4000	NT	3400	NT	NT	NT	NT	NT	NT	NT	NT	4500	NT	NT	NT	NT	26000	ND<1686	NT	ND<1686	ND<1686	5800	NT	21000	NT
		TP H-1/0-2'	10/17/2008	560	NT	NT	680	NT	NT	NT	NT	NT	NT	NT	NT	2100	NT	NT	NT	NT	4100	NT	NT	NT	NT	2200	NT	3600	NT
		TP H-3/0-2'	10/17/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	1100	NT	NT	NT	NT	2000	NT	NT	NT	NT	850	NT	1800	ND < 55
		TP H-3/2'	10/17/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TP H-3/8'	10/17/2008	NT	450	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	840	NT	NT	NT	NT	1300	NT	NT	NT	NT	480	NT	1200	NT
		TP H-4/0-2'	10/17/2008	NT	1300	NT	990	NT	NT	NT	NT	NT	NT	NT	NT	5400	NT	NT	NT	NT	7900	NT	NT	NT	NT	2300	NT	7500	NT
		TP H-4/2'	10/17/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TP H-6/0-2'	10/17/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	390	NT	NT	NT	NT	440	NT	NT	NT	NT	NT	NT	360	1200
		TP H-6/2'	10/17/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TP G-6/0-2'	10/17/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	680	NT	NT	NT	NT	1200	NT	NT	NT	NT	560	NT	1100	59
		TP G-6/6'	10/17/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TP H-6/6'	10/17/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TP G-5/0-2'	10/17/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	690	NT	NT	NT	NT	1300	NT	NT	NT	NT	580	NT	1100	NT
		TP G-4/0-2'	10/17/2008	NT	530	NT	560	NT	NT	NT	NT	NT	NT	NT	NT	2000	NT	NT	NT	NT	3500	NT	NT	NT	NT	1300	NT	3200	680
		TP G-3/0-2'	10/17/2008	NT	660	NT	680	NT	NT	NT	NT	NT	NT	NT	NT	1800	NT	NT	NT	NT	3700	NT	NT	NT	NT	2000	NT	3200	480
		TP G1/0-2'	10/22/2008	720	2200	3700	3700	NT	NT	NT	NT	NT	NT	NT	NT	4600	NT	NT	NT	NT	10000	3600	NT	1100	1700	16000	8600	8600	NT
		TP G1A/0-2'	10/22/2008	ND<327	550	NT	630	NT	NT	NT	NT	NT	2600	NT	NT	2600	NT	NT	NT	NT	5700	350	NT	ND<327	ND<327	5100	NT	4900	NT
		TP G2/0-2'	10/22/2008	ND<320	ND<320	NT	600	NT	NT	NT	NT	NT	NT	NT	NT	2200	NT	NT	NT	NT	4300	ND<320	NT	ND<320	ND<320	1800	NT	3700	NT
		TP G2/6.5'	10/22/2008	ND<327	ND<327	ND<327	ND<327	NT	NT	NT	NT	NT	ND<327	ND<327	ND<327	ND<327	NT	ND<327	ND<327	ND<327	ND<327	ND<327	NT	ND<327	ND<327	ND<327	ND<327	ND<327	NT
		TP F1/0-2'	10/22/2008	ND<334	500	NT	490	NT	NT	NT	NT	NT	NT	NT	NT	1500	NT	NT	NT	NT	3100	ND<334	NT	ND<334	ND<334	1700	NT	2700	NT
		TP F2/0-2'	10/22/2008	ND<330	1400	NT	1700	NT	NT	NT	NT	NT	NT	NT	NT	6800	NT	NT	NT	NT	12000	410	NT	ND<330	400	4400	NT	11000	NT
		TP F2/7'	10/22/2008	ND<362	ND<362	ND<362	ND<362	NT	NT	NT	NT	NT	ND<362	ND<362	ND<362	ND<362	NT	ND<362	ND<362	ND<362	ND<362	ND<362	NT	ND<362	ND<362	ND<362	ND<362	ND<362	NT
		TP F3/0-2'	10/22/2008	ND<334	520	NT	840	NT	NT	NT	NT	NT	NT	NT	NT	2400	NT	NT	NT	NT	4900	ND<334	NT	ND<334	ND<334	2800	NT	4500	NT
		TP F4/0-2'	10/22/2008	ND<330	1000	NT	1000	NT	NT	NT	NT	NT	NT	NT	NT	2400	NT	NT	NT	NT	5100	ND<330	NT	ND<330	ND<330	1900	NT	4600	730
		TP F5/0-2'	10/22/2008	ND<334	2000	NT	2000	NT	NT	NT	NT	NT	NT	NT	NT	5300	NT	NT	NT	NT	12000	610	NT	ND<334	ND<334	6900	NT	11000	130
		TP F3/4(6.5')	10/22/2008	ND<341	ND<341	ND<341	ND<341	NT	NT	NT	NT	NT	ND<341	ND<341	ND<341	ND<341	NT	NT	NT	NT	380	ND<341	NT	ND<341	ND<341	ND<341	ND<341	ND<341	ND < 57
		TP F7/0-2'	10/22/2008	ND<345	ND<345	NT	ND<345	NT	NT	NT	NT	NT	NT	NT	NT	1100	NT	NT	NT	NT	2400	ND<345	NT	ND<345	ND<345	1100	NT	2200	NT
		TP E7/0-2'	10/22/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TP E6/0-2'	10/22/2008	ND<320	ND<320	NT	ND<320	NT	NT	NT	NT	NT	NT	NT	NT	930	NT	NT	NT	NT	1800	ND<320	NT	ND<320	ND<320	770	NT	1600	NT
		TP E6/9'	10/22/2008	ND<320	ND<320	ND<320	ND<320	NT	NT	NT	NT	NT	ND<320	ND<320	ND<320	ND<320	NT	ND<320	ND<320	ND<320	ND<320	ND<320	NT	ND<320	ND<320	ND<320	ND<320	ND<320	ND < 54
		TP E5/0-2'	10/22/2008	ND<338	5100	NT	3500	NT	NT	NT	NT	NT	NT	NT	NT	4900	NT	NT	NT	NT	NT	1400	NT	ND<338	ND<338	7200	NT	NT	NT
		TP E5/7'	10/22/2008	ND<349	ND<349	ND<349	ND<349	NT	NT	NT	NT	NT	ND<349	ND<349	ND<349	ND<349	NT	ND<349	ND<349	ND<349	ND<349	ND<349	NT	ND<349	ND<349	ND<349	ND<349	ND<349	ND < 59
		TP E4/0-2'	10/22/2008	ND<327	ND<327	NT	580	NT	NT	NT	NT	NT	NT	NT	NT	2500	NT	NT	NT	NT	4900	ND<327	NT	ND<327	ND<327	1700	NT	4500	NT
		TP E3/0-2'	10/22/2008	ND<334	ND<334	NT	ND<334	NT	NT	NT	NT	NT	NT	NT	NT	1000	NT	NT	NT	NT	1900	ND<334	NT	ND<334	ND<334	570	NT	1700	NT
		TP E2/0-2'	10/22/2008	ND<334	ND<334	NT	ND<334	NT	NT	NT	NT	NT	NT	NT	NT	970	NT	NT	NT	NT	1600	ND<334	NT	ND<334	ND<334	510	NT	1400	NT
		TP E1/0-2'	10/22/2008	ND<327	830	NT	1300	NT	NT	NT	NT	NT	NT	NT	NT	6100	NT	NT	NT	NT	13000	ND<327	NT	ND<327	ND<327	5900	NT	11000	NT
		TP E1/7'	10/22/2008	ND<330	ND<330	ND<330	ND<330	NT	NT	NT	NT	NT	ND<330	ND<330	ND<330	ND<330	NT	ND<330	ND<330	ND<330	ND<330	ND<330	NT	ND<330	ND<330	ND<330	ND<330	ND<330	ND < 55
		TP E3/4(0-2')	10/22/2008	ND<330	620	NT	1600	NT	NT	NT	NT	NT	NT	NT	NT	4500	NT	NT	NT	NT	10000	390	NT	ND<330	ND<330	5900	NT	9600	NT
		TP E3/4(2.5')	10/22/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TP E3/4A(0-2')	10/22/2008	ND<334	ND<334	NT	710	NT	NT	NT	NT	NT	NT	NT	NT	1900	NT	NT	NT	NT	4400	ND<334	NT	ND<334	ND<334	2200	NT	3600	NT
		TP E3/4A(2.5')	10/22/2008	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		TP E3/4(7.5')	10/22/2008	ND<327	ND<327	ND<327	ND<327	NT	NT	NT	NT	NT	ND<327	ND<327	ND<327	ND<327	NT	ND<327	ND<327	ND<327	ND<327	ND<327	NT	ND<327	ND<327	ND<327	ND<327	ND<327	ND < 55
		TP E3/4A(7.5')	10/22/2008	ND<323	ND<323	ND<323	ND<323	NT	NT	NT	NT	NT	ND<323	ND<323	ND<323	ND<323	NT	ND<323	ND<323	ND<323	ND<323	ND<323	NT	ND<323	ND<323	ND<323	ND<323	ND<323	ND < 54
	BENCH TEST	BT-2 5	6/7/2010	ND<380	ND<380	ND<380	ND<380	1100.00	1100.00	1200.00	650.00	500.00	ND<380	ND<380	ND<380	970.00	ND<380	ND<380	ND<380	ND<380	2000.00	ND<380	580.00	ND<380	ND<380	690.00	ND<380	1700.00	NT
		BT-2 5 DUP	6/7/2010	ND<390	ND<390	ND<390	ND<390	1600.00	1100.00	1800.00	870.00	730.00	ND<390	ND<390	ND<390	1500.00	ND<390	ND<390	ND<390	1200.00	3100.00	ND<390	790.00	ND<390	ND<390	1100.00	ND<390	2700.00	NT
		TP1 T=0	7/25/2010	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<55
		TP2 T=0	7/25/2010	ND<349	ND<349	ND<349	440.00	1000.00	980.00	1100.00	710.00	500.00	ND<349	ND<349	ND<349	970.00	ND<349	ND<349	ND<349	ND<349	2600.00	ND<349	570.00	ND<349	ND<349	1900.00	ND<349	2000.00	280.00
		TP3 T=0	7/25/2010	ND<349	ND<349	ND<349	ND<349	610.00	660.00	730.00	550.00	ND<349	ND<349	ND<349	ND<349	630.00	ND<349	ND<349	ND<349	610.00	1300.00	ND<349	470.00	ND<349	ND<349	960.00	ND<349	1000.00	130.00
		TP4 T=0	7/25/2010	ND<338	ND<338	ND<338	ND<338	830.00	940.00	960.00	720.00	440.00	ND<338	ND<338	ND<338	810.00	ND<338	ND<338	ND<338	ND<338	1600.00	ND<338	640.00	ND<338	ND<338	1100.00	ND<338	1300.00	69.00
		TP5 T=0	7/25/2010	ND<345	ND<345	ND<345	380.00	1200.00	1400.00	1400.00	1100.00	640.00	ND<345	ND<345	ND<345	1200.00	ND<345	ND<345	ND<345	ND<345	2300.00	ND<345	970.00	ND<345	ND<345	1600.00	ND<345	2100.00	64.00
	SOIL STOCKPILES	Pile A	10/8/2010	ND<345	ND<345	ND<345	ND<345	1900.00	1700.00	2700.00	2300.00	1200.00	ND<345	ND<345	ND<345	1500.00	570.00	ND<345	700.00	ND<345	3000.00	ND<345	2000.00	ND<345	ND<345	1300.00	ND<345	2400.00	ND<58
		Pile A Dil.	10/8/2010	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		Pile B	10/8/2010	ND<345	ND<345	ND<345	ND<345	1900.00	1300.00	2100.00	1800.00	960.00	ND<345	ND<345	ND<345	1500.00	430.00	ND<345	400.00	ND<345	2600.00	ND<345	1500.00	ND<345	ND<345	940.00	ND<345	2300.00	ND<58
		Pile B Dil.	10/8/2010	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		Pile C	10/8/2010	ND<345	ND<345	ND<345	ND<345	940.00	810.00	910.00	880.00	450.00	ND<345	ND<345	ND<345	670.00	ND<345	ND<345	ND<345	ND<345	1200.00	ND<345	670.00	ND<345	ND<345	480.00	ND<345	1000.00	ND<58
		Pile C Dil.	10/8/2010	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
		Pile D	10/11/2010	ND<334	ND<334	ND<334	ND<334	1400.00	1500.00	1900.00	730.00	800.00	ND<334	ND<334	ND<334	1200.00	ND<334	ND<334	ND<334	ND<334	2000.00	ND<334	720.00	ND<334	ND<334	900.00	ND<334	1800.00	460.00
		Pile E	10/11/2010	ND<338	ND<338	ND<338	ND<338	1200.00	830.00	1400.00	640.00	610.00	ND<338	ND<338	ND<338	1000.00	ND<338	ND<338	ND<338	ND<338	2000.00	ND<338	620.00	ND<338	ND<338	1300.00	ND<338	1600.00	380.00
		PILE C	10/14/2010	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	420.00	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	360.00	ND<58
Remedial Criteria		R-DEC	---	1000000	1000000	107000	1000000	1000	1000	1000	1000000	8400	1000000	1000000	NE	84000	1000	270000	1000000	1000000	1000000	1000000	1000	474000	1000000	1000000	1000000	1000000	500
		I/C-DEC	---	2500000	2500000	NT	2500000	7800	1000	7800	2500000	78000	2500000	2500000	NE	780000	1000	2500000	1000000	2500000	2500000	2500000	7800	2500000	2500000	2500000	2500000	2500000	2500
		GB-PMC	---	84000	84000	1200	400000	1000	1000	1000	42000	1000	10000000	NE	NE	1000	1000	5600	1100000	140000	56000	56000	1000	9800	56000	40000	860000	40000	2500

Legend:
R-DEC = Residential Direct Exposure Criteria
I/C-DEC = Industrial / Commercial Direct Exposure Criteria
GB-PMC = GB Pollutant Mobility Criteria
ND = Not Detected
NT = Not Tested

Notes:
1. Samples obtained by GeoDesign, Inc and analyzed by Complete Environmental Testing (CET) of Stratford, CT. Samples were preserved in accordance with CTDEEP guidance
2. Remediation Standards obtained from Regulations for Connecticut State Agencies Section 22a-133k-2.
3. Bold valves indicate an exceedance of remedial standards.
4. For test pits, ash is based upon visual observation with naked eye. For stockpiles, ash presence was confirmed with scanning electron microscopy.

TABLE 2
SEMI-VOLATILE ORGANIC COMPOUNDS, EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS & POLYCHLORINATED BIPHENYLS IN SOILS
POST REMEDIATIONCONFIRMATION & OFF-SITE DISPOSAL CHARACTERIZATION SAMPLING
PARCEL C - SOUTH REMEDIAL ACTION REPORT
NAUGATUCK, CONNECTICUT

Sample Type	Sample ID & Depth (Feet Below Grade)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,I)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethylphthalate	Di-n-butylphthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methyl Naphthalene	Naphthalene	Phenanthrene	Pyrene	Pyridine	ETPH	Total PCBs
		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	ppm
ON-SITE CLEAN FILL	GA1 4-8	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<55	NT
	GA2 4-8	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<58	NT
	GA3 4-8	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<54	NT
	GA4 4-8	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<55	NT
	GA5 4-8	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<54	NT
	GA6 8-10	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	430	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<53	NT
	GA7	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<53	NT
	GA8	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<54	NT
	GA9	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<54	NT
	GA-12	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<55	NT
	EA-9 Stockpile	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<60	NT
	GA-13	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<55	NT
	GA 14-4	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<59	NT
	GA 14-7	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<390	ND<65	NT
	GA 15-4	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<358	ND<60	NT
	GA 15-6	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<371	ND<62	NT
	GA 16-6	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<55	NT
	GA 17-7	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<53	NT
	EA-8 Composite	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<105	ND<53	NT
	Pile C	ND<345	ND<345	ND<345	940	810	910	880	450	ND<345	ND<345	670	ND<345	ND<345	ND<345	ND<345	1200	ND<345	670	ND<345	ND<345	480	1000	ND<345	ND<58	NT
	Pile C	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	420	ND<330	ND<330	ND<330	ND<330	ND<330	360	ND<330	ND<55	NT
CONFIRMATION SAMPLES - BOTTOM OF EXCAVATION	Conf1 5ft	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<55	NT
	Conf2 5.5ft	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	430	ND<341	ND<341	ND<341	ND<341	ND<341	400	ND<341	ND<57	NT
	Conf3 5.5ft	ND<341	1100	1300	**7300**	**6600**	**7000**	4100	**3200**	ND<341	500	**6300**	**1300**	ND<341	ND<341	ND<341	11000	ND<341	**4200**	ND<341	ND<341	2900	10000	**840**	ND<57	NT
	Conf4 6ft	ND<341	ND<341	ND<341	630	680	720	550	350	ND<341	ND<341	680	ND<341	ND<341	ND<341	ND<341	1300	ND<341	490	ND<341	ND<341	840	1100	ND<341	ND<57	NT
	Conf5 6ft	ND<323	ND<323	ND<323	590	610	650	500	ND<323	ND<323	ND<323	590	ND<323	ND<323	ND<323	ND<323	1100	ND<323	460	ND<323	ND<323	460	950	ND<323	ND<54	NT
	Conf 6 6ft	ND<366	ND<366	ND<366	480	450	450	ND<366	ND<366	ND<366	ND<366	450	ND<366	ND<366	ND<366	ND<366	710	ND<366	ND<366	ND<366	ND<366	ND<366	660	ND<366	ND<61	NT
	Conf 7 8ft	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	450	ND<341	ND<341	ND<341	ND<341	ND<341	420	ND<341	ND<57	NT
	Conf8 7ft	550	1100	3000	**12000**	**10000**	**12000**	6100	**4100**	ND<362	590	**8100**	**2200**	550	ND<362	ND<362	14000	ND<362	**7900**	ND<362	860	8000	11000	ND<362	280	NT
	Conf9 8ft	ND<338	ND<338	ND<338	**1000**	810	890	680	400	ND<338	ND<338	820	ND<338	ND<338	ND<338	ND<338	1700	ND<338	570	ND<338	ND<338	1200	1400	ND<338	ND<57	NT
	12EXC-CEN 12ft	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	450	ND<330	ND<330	ND<330	ND<330	ND<330	390	ND<330	ND<55	NT
	12EXC-NE 12ft	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<59	NT
	12EXC-NW 12ft	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<54	NT
	12EXC-SE 12ft	ND<349	ND<349	480	**2400**	**2100**	**2300**	1700	**1000**	ND<349	ND<349	**2100**	400	ND<349	ND<349	ND<349	3900	ND<349	**1500**	ND<349	ND<349	1600	3500	ND<349	ND<59	NT
	12EXC-SW 12ft	ND<327	ND<327	ND<327	420	410	430	360	ND<327	ND<327	ND<327	400	ND<327	ND<327	ND<327	ND<327	700	ND<327	330	ND<327	ND<327	ND<327	610	ND<327	ND<55	NT
	TRS-1	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<338	ND<57	NT
	TRS-2	ND<362	ND<362	ND<362	420	430	530	ND<362	ND<362	ND<362	ND<362	450	ND<362	ND<362	ND<362	ND<362	880	ND<362	ND<362	ND<362	ND<362	460	810	ND<362	ND<61	NT
	TRS-3	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<61	NT
	TRS-4	ND<345	ND<345	ND<345	530	510	620	ND<345	ND<345	ND<345	ND<345	520	ND<345	ND<345	ND<345	ND<345	1100	ND<345	ND<345	ND<345	ND<345	790	1000	ND<345	450	NT
	TRS-5	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<380	ND<64	NT
	TRS-10 4ft	500	ND<330	2300	**7100**	**5600**	**6700**	3600	**2400**	ND<330	1300	**5100**	**1000**	ND<330	ND<330	1900	10000	660	**3500**	ND<330	ND<330	8000	8200	ND<330	90	NT
	TRS-11 4ft	ND<334	ND<334	ND<334	ND<334	ND<334	350	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	530	390	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	160	NT
	TRS-12 6ft	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<53	NT
	TRS-13 6ft	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<54	NT
	TRS-14 6ft	ND<353	ND<353	ND<353	420	ND<353	470	360	ND<353	ND<353	ND<353	390	ND<353	ND<353	ND<353	ND<353	900	ND<353	ND<353	ND<353	ND<353	640	700	ND<353	ND<59	NT
	TRS-8 4ft	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<330	ND<55	NT
	TRS-9 4ft	ND<330	ND<330	620	**2300**	**1400**	**2200**	1700	890	ND<330	610	**1800**	410	ND<330	ND<330	ND<330	3400	ND<330	**1500**	ND<330	ND<330	2800	2700	ND<330	200	NT

TABLE 2
SEMI-VOLATILE ORGANIC COMPOUNDS, EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS & POLYCHLORINATED BIPHENYLS IN SOILS
POST REMEDIATIONCONFIRMATION & OFF-SITE DISPOSAL CHARACTERIZATION SAMPLING
PARCEL C - SOUTH REMEDIAL ACTION REPORT
NAUGATUCK, CONNECTICUT

Sample Type	Sample ID & Depth (Feet Below Grade)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,I)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethylphthalate	Di-n-butylphthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methyl Naphthalene	Naphthalene	Phenanthrene	Pyrene	Pyridine	ETPH	Total PCBs
		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	ppm
CONFIRMATION SAMPLES - BOTTOM OF EXCAVATION	TRS-10A 5ft	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<55	NT
	TRS-9A 6ft	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<58	NT
	TRS-1A	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<58	NT
	TRS-9A	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<58	NT
	CONF 14 at 8ftbg	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<55	NT
	CONF 17 at 8ftbg	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<53	NT
	CONF 18 at 8ftbg	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<53	NT
	CONF 19 at 8ftbg	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<53	NT
	CONF 20 at 8ftbg	ND<323	ND<323	ND<323	380	450	610	ND<323	ND<323	ND<323	ND<323	400	ND<323	ND<323	ND<323	ND<323	670	ND<323	ND<323	ND<323	ND<323	ND<323	630	ND<323	ND<54	NT
	Conf 21 8ft	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<54	NT
	Conf 22 8ft	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<53	NT
	CONF31 8ft	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<108	250	NT
	CONF32 8ft	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<112	ND<56	NT
	RC1	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<323	ND<108	ND<54	NT
	Conf33 4ft	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	NT	ND<366	ND<366	ND<122	ND<61	NT
	Conf 34 4ft	ND<345	ND<345	ND<345	550	610	600	490	ND<345	ND<345	ND<345	540	ND<345	ND<345	ND<345	ND<345	840	ND<345	410	ND<345	ND<345	ND<345	880	ND<115	ND<58	NT
	Conf 35 4ft	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<121	ND<61	NT
	Conf 36 4ft	ND<353	620	680	**2700**	**2800**	**4700**	810	**2100**	ND<353	630	**2500**	ND<353	ND<353	ND<353	ND<353	5200	ND<353	750	ND<353	ND<353	2400	4100	ND<353	**790**	NT
	Conf 37 4ft	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<362	ND<121	ND<61	NT
	Conf 38 4ft	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<349	ND<117	ND<59	NT
	Conf 39 5.5ft	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<122	ND<61	NT
	Conf 40 6ft	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<114	**1600**	NT
	Conf 41 6ft	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<114	ND<57	NT
	Conf 42 6ft	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<112	ND<56	NT
	Conf 11 10ft	ND<349	ND<349	ND<349	**1100**	960	**1000**	660	460	ND<349	ND<349	980	ND<349	ND<349	ND<349	ND<349	1800	ND<349	620	ND<349	ND<349	860	1800	ND<349	**520**	NT
	CONF 12 6ft	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<59	NT
	CONF 3A 6ft	ND<327	ND<327	ND<327	990	730	**1100**	650	610	ND<327	ND<327	**1200**	ND<327	ND<327	ND<327	ND<327	1400	ND<327	590	ND<327	ND<327	830	1100	ND<327	NT	NT
	CONF 8A 7ft	ND<353	ND<353	860	**2100**	**1200**	**2000**	1400	890	ND<353	670	**2400**	ND<353	ND<353	ND<353	ND<353	4000	420	**1200**	ND<353	ND<353	3500	3300	ND<353	NT	NT
	CONF10 9ft	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<316	ND<53	NT
	Conf13 8ft	ND<330	ND<330	660	**1300**	**1100**	**1100**	770	550	ND<330	740	**1200**	ND<330	ND<330	ND<330	ND<330	2800	ND<330	730	ND<330	ND<330	2500	2100	ND<330	85	NT
	UST Bottom 7ft	ND<334	ND<334	ND<334	730	760	780	560	410	ND<334	ND<334	700	ND<334	ND<334	ND<334	ND<334	840	ND<334	570	ND<334	ND<334	ND<334	820	ND<334	ND<56	NT
CONFIRMATION SAMPLES - SIDEWALL OF EXCAVATION	Eastway 1 5ft	ND<330	ND<330	ND<330	**1100**	**1000**	**1100**	740	500	ND<330	ND<330	**1100**	ND<330	ND<330	ND<330	ND<330	2100	ND<330	680	ND<330	ND<330	890	1900	ND<330	ND<55	NT
	North Wall 1 6ft	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<58	NT
	East Wall 2 8ft	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<54	NT
	TRS-6 Sidewall	ND<327	ND<327	ND<327	ND<327	ND<327	380	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	460	ND<327	ND<327	ND<327	ND<327	ND<327	430	ND<327	ND<55	NT
	TRS-7 Sidewall	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<345	ND<58	NT
	TRS South Wall 15 5f	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<56	NT
	TRS South Wall 16 5f	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<366	ND<61	NT
	CONF 15SW at 3ftbg	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<56	NT
	CONF 16SW at 3ftbg	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<334	ND<56	NT
	West Wall 1 5ft	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<109	ND<55	NT
	West Wall 2 6ft	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<313	ND<105	ND<53	NT
	Bldg 25 SW-1 2ft	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<125	ND<63	NT
	Bldg 25 SW-2 2ft	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<341	ND<114	ND<57	NT
	East Wall 3 8.5ft	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<327	ND<55	NT
	East Wall 4 9ft	930	ND<349	ND<349	690	510	540	ND<349	ND<349	ND<349	ND<349	**1200**	ND<349	ND<349	ND<349	ND<349	1200	1000	ND<349	5600	850	3700	1900	ND<349	**5500**	NT
	North Wall 2 6ft	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<406	ND<68	NT

TABLE 2
SEMI-VOLATILE ORGANIC COMPOUNDS, EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS & POLYCHLORINATED BIPHENYLS IN SOILS
POST REMEDIATIONCONFIRMATION & OFF-SITE DISPOSAL CHARACTERIZATION SAMPLING
PARCEL C - SOUTH REMEDIAL ACTION REPORT
NAUGATUCK, CONNECTICUT

Sample Type	Sample ID & Depth (Feet Below Grade)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,I)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)phthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethylphthalate	Di-n-butylphthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methyl Naphthalene	Naphthalene	Phenanthrene	Pyrene	Pyridine	ETPH	Total PCBs
		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg	ppm
OFF-SITE DISPOSAL	Area 12	ND<358	870	1800	**8100**	**4800**	**8700**	3000	**3000**	6300	370	**6800**	950	ND<358	ND<358	ND<358	8800	420	**2700**	360	ND<358	6600	8400	ND<358	**1900**	0.56
CHARACTERAZATION ONSITE ELUR DISPOSAL (FROM UNRESTRICTED AREA)	Brick Vault Oily Sludge	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	**240000**	ND < 2.0
	Brick and Soil Comp	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	SB-East 1 0-5ft	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	340	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	ND<320	64	NT
	SB-East 1 5-10ft	ND<345	ND<345	ND<345	**1400**	**1300**	**1800**	720	630	ND<345	ND<345	**1000**	ND<345	ND<345	ND<345	470	1800	ND<345	660	ND<345	ND<345	960	1400	ND<345	**1800**	NT
	ASH SP	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<353	ND<59	ND < 0.30
	Petroleum SP	ND<334	ND<334	ND<334	**1100**	**1000**	**1100**	540	540	ND<334	ND<334	**1400**	ND<334	ND<334	ND<334	ND<334	1700	470	410	460	ND<334	1400	2400	ND<334	**5600**	ND < 0.30
REMEDIAL CRITERIA	R-DEC	1000000	1000000	1000000	1000	1000	1000	1000000	8400	44000	NE	84000	1000	270000	1000000	1000000	1000000	1000000	1000	474000	1000000	1000000	1000000	7000	500	1
	I/C-DEC	2500000	2500000	2500000	7800	1000	7800	2500000	78000	410000	NE	780000	1000	2500000	1000000	2500000	2500000	2500000	7800	2500000	2500000	2500000	2500000	NE	2500	10
	GB-PMC	84000	84000	400000	1000	1000	1000	42000	1000	11000	NE	1000	1000	5600	1100000	140000	56000	56000	1000	9800	56000	40000	40000	140	2500	NA

Legend:
ND = Not Detected
NT = Not Tested
R-DEC = Residential Direct Exposure
I/C- DEC = Industrial/Commercial Direct Exposure Criteria
GB-PMC = GB Pollutant Mobility Criteria
1100.00 = Result Exceeds R-DEC and/or GB-PMC RSR Criteria

Notes:
1. Samples obtained by GeoDesign, Inc and analyzed by Complete Environmental Testing (CET) of Stratford, CT. Samples were preserved in accordance with CTDEEP guidance
2. Remediation Standards obtained from Regulations for Connecticut State Agencies Section 22a-133k-2.

TABLE 3
SUMMARY OF POST-REMEDIATION VOLATILE ORGANIC COMPOUNDS AND EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS IN SOIL
PARCEL C - SOUTH REMEDIAL ACTION REPORT
NAUGATUCK, CONNECTICUT

Sample Type/Objective	Sample ID	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	ETPH
		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg
ON-SITE DERIVED CLEAN FILL	GA1 4-8	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<55
	GA2 4-8	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<58
	GA3 4-8	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<54
	GA4 4-8	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<55
	GA5 4-8	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<3.0	ND<54
	GA9	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<54
	GA-12	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<55
	GA-13 Dup.	NT	NT	NT	NT	NT	ND<55
	GA 14-4	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<59
	GA 14-7	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<65
	GA 15-4	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<60
	GA 15-6	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<62
	GA 16-6	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<6.0	ND<55
	GA 17-7	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<53
CONFIRMATION - BOTTOM OF EXCAVATION	CONF31 8ft	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	250
	RC1 Dup.	NT	NT	NT	NT	NT	ND<54
CONFIRMATION - SIDEWALL OF EXCAVATION	CONF 16SW at 3ftbg	NT	NT	NT	NT	NT	ND<56
	West Wall 1 5ft	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<4.0	ND<55
CHARACTERIZATION OFFSITE DISPOSAL	Area 12	NT	NT	NT	NT	NT	1900
	Brick Vault Oily Sludge	NT	NT	NT	NT	NT	240000
CHARACTERAZATION ON-SITE ELUR DISPOSAL (FROM UNRESTRICTED AREA)	SB-East 1 5-10ft	NT	NT	NT	NT	NT	1800
	Petroleum SP	NT	NT	NT	NT	NT	5600
	Petroleum SP Dil.	ND<51	ND<51	ND<51	ND<51	ND<51	NT
REMEDIAL CRITERIA	R-DEC	12000	500000	500000	11000	56000	500
	I/C-DEC	110000	1000000	1000000	100000	520000	2500
	GB-PMC	1000	67000	40000	1000	1000	2500

Legend:
ND = Not Detected
NE = Not Established
R-DEC = Residential Direct Exposure
I/C-DEC = Industrial/Commercial Direct Exposure Criteria
GB-PMC = GB Pollutant Mobility Criteria

Notes:
1. Samples obtained by GeoDesign, Inc and analyzed by Complete Environmental Testing (CET) of Stratford, CT. Samples were preserved in accordance with CTDEEP guidance
2. Remediation Standards obtained from Regulations for Connecticut State Agencies Section 22a-133k-2.

TABLE 4
SUMMARY OF ARSENIC LEAD IN SOIL SAMPLES
POST-REMEDIATION CONFIRMATION SAMPLING
PARCEL C - SOUTH REMEDIAL ACTION REPORT
NAUGATUCK, CT

Sampling Objective	Sample ID and Depth (feet)	Arsenic mg/kg	Lead mg/kg	SPLP Arsenic mg/l	SPLP Lead mg/l
INITIAL LEAD HOTSPOT EXCAVATIONS	EXC-TP2 NORTH (8ft)	NT	ND < 2.5	NT	NT
	EXC-TP2 SOUTH (8ft)	NT	9	NT	NT
	EXC-TP2 EAST (8ft)	NT	3.3	NT	NT
	EXC-TP2 WEST (8ft)	NT	4.2	NT	NT
	EXC-TP2 BOTTOM (9ft)	NT	3.3	NT	NT
	EXC-TP15 NORTH (4ft)	NT	**670**	NT	NT
	EXC-TP15 SOUTH (4ft)	NT	71	NT	NT
	EXC-TP15 EAST (4ft)	NT	240	NT	NT
	EXC-TP15 WEST (4ft)	NT	110	NT	NT
	EXC-TP15 BOTTOM (5ft)	NT	80	NT	NT
	EXC-TP(F7) NORTH (4ft)	NT	6.3	NT	NT
	EXC-TP(F7) SOUTH (4ft)	NT	180	NT	NT
	EXC-TP(F7) EAST (4ft)	NT	**510**	NT	NT
	EXC-TP(F7) WEST (4ft)	NT	260	NT	NT
	EXC-TP(F7) BOTTOM (5ft)	NT	13	NT	NT
	EXC-TP9 NORTH (6ft)	NT	41	NT	NT
	EXC-TP9 SOUTH (6ft)	NT	52	NT	NT
	EXC-TP9 EAST (6ft)	NT	51	NT	NT
	EXC-TP9 WEST (6ft)	NT	130	NT	NT
	EXC-TP9 BOTTOM (7ft)	NT	39	NT	NT
	EXC-TP4 NORTH (6ft)	NT	330	NT	NT
	EXC-TP4 SOUTH (6ft)	NT	**420**	NT	NT
	EXC-TP4 EAST (6ft)	NT	44	NT	NT
	EXC-TP4 WEST (6ft)	NT	77	NT	NT
	EXC-TP4 BOTTOM (7ft)	NT	120	NT	NT
	TP4 South at 6ft	NT	150	NT	NT
	TPF7 East at 4ft	NT	**1100**	NT	NT
	TP15 North at 4ft	NT	71	NT	NT
	TP F7 East Wall 6ft	NT	24	NT	NT
ON-SITE CLEAN FILL	GA1 4-8	1.5	7.4	ND<0.009	ND<0.013
	GA2 4-8	ND<1.5	4	ND<0.009	ND<0.013
	GA3 4-8	ND<1.5	ND<2.5	ND<0.009	ND<0.013
	GA4 4-8	1.7	19	ND<0.009	ND<0.013
	GA5 4-8	ND<1.5	11	ND<0.009	ND<0.013
	GA6 8-10	ND<1.5	7.8	ND<0.009	ND<0.013
	GA6 8-10 Dup.	NT	NT	ND<0.009	ND<0.013
	GA7	1.6	3.9	ND<0.009	ND<0.013
	GA7 Dup.	NT	NT	NT	NT
	GA8	ND<1.5	5	ND<0.009	ND<0.013
	GA8 Dup.	NT	NT	ND<0.009	ND<0.013
	GA9	ND<1.5	3.9	ND<0.009	ND<0.013
	GA-12	ND<1.5	3.5	ND<0.009	ND<0.013
	EA-9 Stockpile	2.2	26	ND<0.009	ND<0.013
	EA-9 Stockpile Dup.	1.8	27	NT	NT
	GA-13	1.5	4.8	ND<0.009	ND<0.013
	GA-13 Dup.	NT	NT	NT	NT
	GA 14-4	1.7	45	ND<0.009	ND<0.013
	GA 14-7	2.3	6.3	ND<0.009	ND<0.013
	GA 15-4	2.4	200	ND<0.009	ND<0.013
	GA 15-6	2.9	17	ND<0.009	ND<0.013
	GA 16-6	2.1	7.7	ND<0.009	ND<0.013
	GA 17-7	ND<1.5	6.2	ND<0.009	ND<0.013
	EA-8 Composite	ND<1.5	3.7	ND<0.009	ND<0.013

TABLE 4
SUMMARY OF ARSENIC LEAD IN SOIL SAMPLES
POST-REMEDIATION CONFIRMATION SAMPLING
PARCEL C - SOUTH REMEDIAL ACTION REPORT
NAUGATUCK, CT

Sampling Objective	Sample ID and Depth (feet)	Arsenic mg/kg	Lead mg/kg	SPLP Arsenic mg/l	SPLP Lead mg/l
CONFIRMATION SAMPLES - BOTTOM OF EXCAVATION	Conf1 5ft	NT	**730**	NT	0.21
	Conf1 5ft Dup.	NT	NT	NT	0.21
	Conf2 5.5ft	NT	39	NT	ND<0.013
	Conf3 5.5ft	NT	190	NT	0.044
	Conf4 6ft	NT	270	NT	0.099
	Conf5 6ft	NT	120	NT	0.067
	Conf 6 6ft	NT	96	NT	0.029
	Conf 7 8ft	NT	67	NT	ND<0.013
	Conf8 7ft	NT	160	NT	ND<0.013
	Conf8 7ft Dup.	NT	NT	NT	ND<0.013
	Conf9 8ft	NT	160	NT	0.13
	12EXC-CEN 12ft	NT	83	NT	ND<0.013
	12EXC-NE 12ft	NT	17	NT	ND<0.013
	12EXC-NE 12ft Dup.	NT	19	NT	NT
	12EXC-NW 12ft	NT	11	NT	ND<0.013
	12EXC-SE 12ft	NT	180	NT	0.077
	12EXC-SW 12ft	NT	76	NT	ND<0.013
	12EXC-SW 12ft Dup.	NT	NT	NT	ND<0.013
	TRS-1	NT	**410**	NT	0.14
	TRS-2	NT	260	NT	0.042
	TRS-3	NT	180	NT	ND<0.013
	TRS-4	NT	240	NT	ND<0.013
	TRS-5	NT	10	NT	ND<0.013
	TRS-5 Dup.	NT	NT	NT	ND<0.013
	TRS-10 4ft	NT	170	NT	ND<0.013
	TRS-11 4ft	NT	260	NT	0.02
	TRS-12 6ft	NT	13	NT	ND<0.013
	TRS-13 6ft	NT	92	NT	ND<0.013
	TRS-14 6ft	NT	110	NT	ND<0.013
	TRS-14 6ft Dup.	NT	NT	NT	ND<0.013
	TRS-8 4ft	NT	180	NT	0.02
	TRS-8 4ft Dup.	NT	170	NT	NT
	TRS-9 4ft	NT	290	NT	ND<0.013
	TRS-10A 5ft	NT	15	NT	ND<0.013
	TRS-9A 6ft	NT	**480**	NT	ND<0.013
	TRS-1A	NT	570	NT	0.075
	TRS-9A	NT	43	NT	0.014
	CONF 14 at 8ftbg	NT	**1300**	NT	0.51
	CONF 17 at 8ftbg	NT	3.9	NT	ND<0.013
	CONF 17 at 8ftbg Dup.	NT	NT	NT	ND<0.013
	CONF 18 at 8ftbg	NT	15	NT	0.016
	CONF 19 at 8ftbg	NT	3.3	NT	ND<0.013
	CONF 20 at 8ftbg	NT	59	NT	0.045
	CONF 20 at 8ftbg Dup.	NT	73	NT	NT
	Conf 14B 9ft	NT	**2500**	NT	0.46
	TRS 1B	NT	250	NT	0.027
	Conf 21 8ft	NT	120	NT	ND<0.013
	Conf 22 8ft	NT	3.6	NT	ND<0.013
	Conf 22 8ft Dup.	NT	ND<0.013	NT	NT
	Conf 14C	NT	42	NT	ND<0.013
	CONF31 8ft	ND<1.5	37	ND<0.009	ND<0.013
	CONF32 8ft	ND<1.5	4	ND<0.009	ND<0.013
	Conf33 4ft	NT	12	NT	ND<0.013
	Conf33 4ft Dup.	NT	NT	NT	ND<0.013
	Conf 34 4ft	NT	190	NT	0.089
	Conf 35 4ft	NT	14	NT	ND<0.013
	Conf 35 4ft Dup.	NT	NT	NT	ND<0.013
	Conf 36 4ft	NT	55	NT	ND<0.013
	Conf 36 4ft Dup.	NT	42	NT	NT

TABLE 4
SUMMARY OF ARSENIC LEAD IN SOIL SAMPLES
POST-REMEDIATION CONFIRMATION SAMPLING
PARCEL C - SOUTH REMEDIAL ACTION REPORT
NAUGATUCK, CT

Sampling Objective	Sample ID and Depth (feet)	Arsenic mg/kg	Lead mg/kg	SPLP Arsenic mg/l	SPLP Lead mg/l
CONFIRMATION SAMPLES - BOTTOM OF EXCAVATION	Conf 37 4ft	NT	40	NT	ND<0.013
	Conf 37 4ft Dup.	NT	NT	NT	ND<0.013
	Conf 38 4ft	NT	30	NT	ND<0.013
	Conf 39 5.5ft	NT	14	NT	ND<0.013
	Conf 40 6ft	NT	48	NT	0.02
	Conf 40 6ft Dup.	NT	46	NT	
	Conf 41 6ft	NT	48	NT	ND<0.013
	Conf 41 6ft Dup.	NT	45	NT	
	Conf 42 6ft	NT	15	NT	ND<0.013
	Conf 11 10ft	NT	93	NT	ND<0.013
	CONF 12 6ft	NT	23	NT	ND<0.013
	Conf 1A 6ft	NT	100	NT	NT
	CONF 3A 6ft	NT	NT	NT	NT
	CONF 8A 7ft	NT	NT	NT	NT
	CONF10 9ft	NT	22	NT	ND<0.013
	Conf13 8ft	NT	40	NT	ND<0.013
	UST Bottom 7ft	NT	57	NT	NT
CONFIRMATION SAMPLES - SIDEWALL of EXCAVATION	Eastway 1 5ft	NT	190	NT	0.069
	North Wall 1 6ft	NT	120	NT	ND<0.013
	North Wall 1 6ft Dup.	NT	NT	NT	ND<0.013
	East Wall 2 8ft	NT	3	NT	ND<0.013
	TRS-6 Sidewall	NT	260	NT	0.14
	TRS-7 Sidewall	NT	240	NT	0.044
	TRS-7 Sidewall Dup.	NT	NT	NT	NT
	TRS South Wall 15 5f	NT	7.70	NT	ND<0.013
	TRS South Wall 16 5f	NT	6.50	NT	ND<0.013
	TRS South Wall 16 5f Dup.	NT	NT	NT	NT
	CONF 15SW at 3ftbg	NT	4.3	NT	ND<0.013
	CONF 16SW at 3ftbg	NT	52	NT	0.039
	West Wall 1 5ft	NT	20	NT	ND<0.013
	West Wall 2 6ft	2.1	6.5	ND<0.009	ND<0.013
	West Wall 2 6ft Dup.	2.2	5.6	NT	NT
	Bldg 25 SW-1 2ft	NT	400	NT	0.2
	Bldg 25 SW-2 2ft	NT	6.4	NT	ND<0.013
	East Wall 3 8.5ft	NT	5	NT	ND<0.013
	East Wall 4 9ft	2.2	19	ND<0.009	0.03
	North Wall 2 6ft	NT	730	NT	ND<0.013
OFFSITE DISPOSAL	Area 12	2.7	120	NT	NT
CHARACTERAZATION ON-SITE ELUR DISPOSAL (FROM UNRESTRICTED AREA)	Brick Vault Oily Sludge	**29**	**6100**	NT	NT
	Brick Vault Oily Slu Dil.	NT	NT	NT	NT
	Brick and Soil Comp	NT	NT	NT	NT
	SB-East 1 0-5ft	NT	13	NT	0.014
	SB-East 1 0-5ft Dup.	NT	NT	NT	0.015
	SB-East 1 5-10ft	NT	130	NT	0.084
	ASH SP	4.9	**1100**	NT	NT
	Petroleum SP	3.3	130	NT	NT
	Petroleum SP Dil.	NT	NT	NT	NT
REMEDIAL CRITERIA	R-DEC	10	400	NE	NE
	I/C-DEC	10	1000	NE	NE
	GB-PMC	NE	NE	0.1	0.15

Legend:
ND = Not Detected
NT = Not Tested
R-DEC = Residential Direct Exposure
I/C-DEC = Industrial/Commercial Direct Exposure Criteria
GB-PMC = GB Pollutant Mobility Criteria
1100 = Result Exceeds R-DEC and/or GB-PMC RSR Criteria

Notes:
1. Samples obtained by GeoDesign, Inc and analyzed by Complete Environmental Testing (CET) of Stratford, CT. Samples were preserved in accordance with CTDEEP guidance
2. Remediation Standards obtained from Regulations for Connecticut State Agencies Section 22a-133k-2.

TABLE 5
POST TREATMENT COMPOUND CONCENTRATIONS
SUMMARY OF SEMI-VOLATILE ORGANIC COMPOUNDS & EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS IN SOIL

PARCEL C - SOUTH REMEDIAL ACTION REPORT
NAUGATUCK, CT

PRESENCE OF ASH	SAMPLE TYPE	Sample ID	Collection Date	Acenaphthene	Acenaphthylene	Aniline	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,I)perylene	Benzo(k)fluoranthene	Benzoic Acid	Butylbenzylphthalate	Carbazole	Chrysene	Dibenz(a,h)anthracene	Dibenzofuran	Diethylphthalate	Di-n-butylphthalate	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	2-Methyl Naphthalene	Naphthalene	Phenanthrene	Phenol	Pyrene	ETPH
			RESULTS IN	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	mg/kg
WITH ASH	SOIL STOCKPILE	SS-1A	5/3/2010	ND<353	ND<353	ND<353	430.00	1900.00	1900.00	1900.00	1500.00	850.00	ND<353	ND<353	370.00	1800.00	390.00	ND<353	ND<353	ND<353	3300.00	ND<353	1200.00	ND<353	ND<353	1300.00	ND<353	3000.00	130.00
		SS-1A-1	5/6/2010	ND<349	ND<349	ND<349	430.00	1700.00	1700.00	1900.00	1400.00	790.00	ND<349	ND<349	490.00	1600.00	350.00	ND<349	ND<349	820.00	3200.00	ND<349	1300.00	ND<349	ND<349	1400.00	ND<349	2900.00	NT
		SS-1A-2	5/10/2010	ND<349	ND<349	ND<349	440.00	1700.00	1600.00	1600.00	1200.00	720.00	ND<349	ND<349	410.00	1500.00	ND<349	ND<349	ND<349	ND<349	3000.00	ND<349	900.00	ND<349	ND<349	1500.00	ND<349	2700.00	NT
		SS-1B	5/3/2010	ND<358	ND<358	ND<358	420.00	2100.00	2100.00	2100.00	1700.00	950.00	ND<358	ND<358	370.00	2000.00	420.00	ND<358	ND<358	ND<358	3500.00	ND<358	1400.00	ND<358	ND<358	1400.00	ND<358	3100.00	170.00
		SS-1B Dup.	5/3/2010	ND<358	ND<358	ND<358	900.00	2600.00	2300.00	2400.00	1700.00	1100.00	ND<358	ND<358	840.00	2400.00	450.00	ND<358	ND<358	ND<358	5500.00	ND<358	1500.00	ND<358	ND<358	3700.00	ND<358	4600.00	NT
		SS-2A	5/5/2010	ND<341	ND<341	ND<341	ND<341	980.00	1000.00	1100.00	800.00	490.00	ND<341	ND<341	ND<341	1000.00	ND<341	ND<341	ND<341	ND<341	1600.00	ND<341	750.00	ND<341	ND<341	700.00	ND<341	1400.00	75.00
		SS-2B	5/5/2010	ND<353	ND<353	ND<353	410.00	1700.00	1600.00	1800.00	1100.00	800.00	ND<353	ND<353	ND<353	1600.00	ND<353	ND<353	ND<353	ND<353	3000.00	ND<353	1200.00	ND<353	ND<353	1300.00	ND<353	2500.00	85.00
		SS-3A	5/6/2010	ND<345	ND<345	ND<345	420.00	1800.00	1700.00	1900.00	850.00	900.00	ND<345	ND<345	ND<345	1700.00	ND<345	ND<345	ND<345	ND<345	3400.00	ND<345	920.00	ND<345	ND<345	1300.00	ND<345	3000.00	230.00
		SS-3B	5/6/2010	ND<353	ND<353	ND<353	480.00	2300.00	2100.00	2400.00	1000.00	1200.00	ND<353	ND<353	ND<353	2200.00	ND<353	ND<353	ND<353	ND<353	4200.00	ND<353	1100.00	ND<353	ND<353	1500.00	ND<353	3800.00	190.00
		SS-4A	5/10/2010	ND<345	ND<345	ND<345	420.00	1500.00	1500.00	1500.00	1200.00	720.00	ND<345	ND<345	ND<345	1400.00	ND<345	ND<345	ND<345	ND<345	3000.00	ND<345	980.00	ND<345	ND<345	1300.00	ND<345	2700.00	230.00
		SS-4B	5/10/2010	ND<345	ND<345	ND<345	ND<345	1300.00	1200.00	1300.00	1000.00	650.00	ND<345	ND<345	ND<345	1200.00	ND<345	ND<345	ND<345	ND<345	2400.00	ND<345	810.00	ND<345	ND<345	1200.00	ND<345	2100.00	340.00
		SS-5A	5/11/2010	ND<353	500.00	ND<353	870.00	3000.00	2700.00	2700.00	1700.00	1300.00	ND<353	ND<353	360.00	2700.00	520.00	ND<353	ND<353	ND<353	6400.00	ND<353	1700.00	ND<353	ND<353	3100.00	ND<353	5600.00	320.00
		SS-5B	5/11/2010	ND<353	ND<353	ND<353	530.00	2100.00	2000.00	2000.00	1300.00	950.00	ND<353	ND<353	ND<353	1900.00	380.00	ND<353	ND<353	ND<353	4100.00	ND<353	1300.00	ND<353	ND<353	1700.00	ND<353	3600.00	260.00
WITHOUT ASH	BENCH TEST	Untreated	5/17/2010	ND<338	ND<338	ND<338	ND<338	1900.00	1700.00	1800.00	1200.00	860.00	ND<338	ND<338	ND<338	1700.00	350.00	ND<338	ND<338	ND<338	2700.00	ND<338	1000.00	ND<338	ND<338	910.00	ND<338	2400.00	180.00
		T-4 Control	5/21/2010	ND<366	ND<366	ND<366	400.00	1400.00	1100.00	1200.00	750.00	570.00	ND<366	ND<366	ND<366	1300.00	ND<366	ND<366	ND<366	ND<366	3100.00	ND<366	750.00	ND<366	ND<366	1200.00	ND<366	2200.00	NT
		T-4 Regenox	5/21/2010	ND<484	ND<484	ND<484	ND<484	1000.00	900.00	970.00	650.00	ND<484	ND<484	ND<484	ND<484	950.00	ND<484	ND<484	ND<484	ND<484	1700.00	ND<484	600.00	ND<484	ND<484	690.00	ND<484	1500.00	NT
		T-4 Regenox-Surfacta	5/21/2010	ND<375	ND<375	ND<375	ND<375	910.00	780.00	830.00	540.00	380.00	ND<375	ND<375	ND<375	840.00	ND<375	ND<375	ND<375	ND<375	1500.00	ND<375	450.00	ND<375	ND<375	780.00	ND<375	1300.00	NT
		SS-1 T-15 Control	6/1/2010	530.00	ND<380	ND<380	1400.00	3600.00	3400.00	3900.00	2800.00	1500.00	ND<380	ND<380	1700.00	3400.00	570.00	380.00	ND<380	ND<380	7900.00	580.00	2500.00	ND<380	500.00	5900.00	ND<380	6000.00	NT
		SS-1 T-15 Regenox	6/1/2010	ND<435	ND<435	ND<435	ND<435	1400.00	1300.00	1500.00	1000.00	590.00	ND<435	ND<435	ND<435	1300.00	ND<435	ND<435	ND<435	ND<435	2800.00	ND<435	840.00	ND<435	ND<435	1100.00	ND<435	2400.00	NT
		SS-1 T-15 Regenox an	6/1/2010	ND<390	ND<390	ND<390	ND<390	1200.00	1100.00	1200.00	870.00	500.00	ND<390	ND<390	ND<390	1000.00	ND<390	ND<390	ND<390	ND<390	2300.00	ND<390	730.00	ND<390	ND<390	930.00	ND<390	2000.00	NT
		BT-2 1	6/7/2010	ND<400	ND<400	ND<400	ND<400	1900.00	1900.00	2200.00	1300.00	910.00	ND<400	ND<400	ND<400	1700.00	ND<400	ND<400	ND<400	ND<400	3300.00	ND<400	1200.00	ND<400	ND<400	1200.00	ND<400	2800.00	NT
		BT-2 1 DUP	6/7/2010	ND<395	ND<395	ND<395	ND<395	1400.00	1300.00	1500.00	860.00	620.00	ND<395	ND<395	ND<395	1200.00	ND<395	ND<395	ND<395	ND<395	2700.00	ND<395	810.00	ND<395	ND<395	1200.00	ND<395	2300.00	NT
		BT-2 2	6/7/2010	ND<406	ND<406	ND<406	ND<406	1300.00	1300.00	1500.00	870.00	610.00	ND<406	ND<406	ND<406	1200.00	ND<406	ND<406	ND<406	ND<406	2500.00	ND<406	750.00	ND<406	ND<406	1100.00	ND<406	2100.00	NT
		BT-2 2 DUP	6/7/2010	ND<400	ND<400	ND<400	ND<400	1500.00	1400.00	1500.00	850.00	630.00	ND<400	ND<400	ND<400	1300.00	ND<400	ND<400	ND<400	ND<400	2700.00	ND<400	760.00	ND<400	ND<400	1100.00	ND<400	2300.00	NT
		BT-2 3	6/7/2010	ND<390	ND<390	ND<390	ND<390	1200.00	1100.00	1300.00	710.00	520.00	ND<390	ND<390	ND<390	1100.00	ND<390	ND<390	ND<390	ND<390	2100.00	ND<390	630.00	ND<390	ND<390	720.00	ND<390	1900.00	NT
		BT-2 3 DUP	6/7/2010	ND<385	ND<385	ND<385	ND<385	1500.00	1300.00	1500.00	770.00	630.00	ND<385	ND<385	ND<385	1300.00	ND<385	ND<385	ND<385	ND<385	2800.00	ND<385	720.00	ND<385	ND<385	860.00	ND<385	2500.00	NT
		BT-2 4	6/7/2010	ND<395	ND<395	ND<395	ND<395	1000.00	1100.00	1200.00	740.00	480.00	ND<395	ND<395	ND<395	950.00	ND<395	ND<395	ND<395	ND<395	1900.00	ND<395	630.00	ND<395	ND<395	590.00	ND<395	1600.00	NT
		BT-2 4 DUP	6/7/2010	ND<400	ND<400	ND<400	480.00	2500.00	2500.00	2900.00	1400.00	1200.00	ND<400	ND<400	ND<400	2300.00	ND<400	ND<400	ND<400	ND<400	5600.00	ND<400	1300.00	ND<400	ND<400	1700.00	ND<400	4800.00	NT
		TP1 T=8	8/2/2010	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<385	ND<65
		TP2 T=8	8/2/2010	ND<375	ND<375	ND<375	ND<375	420.00	570.00	620.00	430.00	ND<375	ND<375	ND<375	ND<375	390.00	ND<375	ND<375	ND<375	ND<375	390.00	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<375	ND<63
		TP3 T=8	8/2/2010	ND<385	ND<385	ND<385	ND<385	420.00	450.00	450.00	ND<385	ND<385	ND<385	ND<385	ND<385	420.00	ND<385	ND<385	ND<385	ND<385	790.00	ND<385	ND<385	ND<385	ND<385	570.00	ND<385	670.00	ND<65
		TP4 T=8	8/2/2010	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	440.00	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	78.00
		TP5 T=8	8/2/2010	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	600.00	560.00	ND<417	ND<417	ND<417	ND<417	ND<417	ND<417	480.00	ND<70
	SOIL STOCKPILES	Pile A-1	11/1/2010	ND<345	ND<345	ND<345	ND<345	890.00	1200.00	1400.00	1100.00	520.00	ND<345	ND<345	ND<345	700.00	ND<345	ND<345	ND<345	ND<345	1300.00	ND<345	920.00	ND<345	ND<345	650.00	ND<345	1100.00	ND<58
		Pile A-2	11/1/2010	ND<353	ND<353	ND<353	ND<353	950.00	1300.00	1500.00	1000.00	590.00	ND<353	ND<353	ND<353	770.00	ND<353	ND<353	ND<353	ND<353	1300.00	ND<353	970.00	ND<353	ND<353	720.00	ND<353	1200.00	ND<59
		Pile B-1	11/1/2010	ND<353	ND<353	ND<353	ND<353	1000.00	1300.00	1400.00	940.00	550.00	ND<353	ND<353	ND<353	780.00	ND<353	ND<353	ND<353	ND<353	1600.00	ND<353	900.00	ND<353	ND<353	1300.00	ND<353	1300.00	ND<59
		Pile B-2	11/1/2010	ND<358	ND<358	ND<358	ND<358	730.00	970.00	1100.00	750.00	490.00	ND<358	ND<358	ND<358	580.00	ND<358	ND<358	ND<358	ND<358	1100.00	ND<358	650.00	ND<358	ND<358	480.00	ND<358	910.00	ND<60
		Pile D,E-1	11/1/2010	ND<349	ND<349	ND<349	ND<349	800.00	1100.00	1200.00	740.00	530.00	ND<349	ND<349	ND<349	650.00	ND<349	ND<349	ND<349	2300.00	1100.00	ND<349	700.00	ND<349	ND<349	460.00	ND<349	910.00	ND<59
		Pile D,E-2	11/1/2010	ND<349	ND<349	ND<349	ND<349	1100.00	1400.00	1600.00	960.00	640.00	ND<349	ND<349	ND<349	850.00	ND<349	ND<349	ND<349	ND<349	1500.00	ND<349	910.00	ND<349	ND<349	670.00	ND<349	1300.00	ND<59
		Treated Center	11/8/2010	ND<358	ND<358	ND<358	ND<358	980.00	980.00	1300.00	360.00	520.00	ND<358	ND<358	ND<358	930.00	ND<358	ND<358	ND<358	ND<358	1900.00	ND<358	ND<358	ND<358	ND<358	880.00	ND<358	1700.00	NT
		Treated N	11/8/2010	ND<345	ND<345	ND<345	ND<345	640.00	650.00	840.00	ND<345	ND<345	ND<345	ND<345	ND<345	620.00	ND<345	ND<345	ND<345	ND<345	1300.00	ND<345	ND<345	ND<345	ND<345	580.00	ND<345	1100.00	NT
		Treated NE	11/8/2010	ND<362	ND<362	ND<362	ND<362	550.00	590.00	750.00	ND<362	ND<362	ND<362	ND<362	ND<362	540.00	ND<362	ND<362	ND<362	ND<362	1100.00	ND<362	ND<362	ND<362	ND<362	410.00	ND<362	1000.00	NT
		Treated NW	11/8/2010	ND<358	ND<358	ND<358	ND<358	720.00	810.00	1000.00	ND<358	420.00	ND<358	ND<358	ND<358	720.00	ND<358	ND<358	ND<358	ND<358	1400.00	ND<358	ND<358	ND<358	ND<358	460.00	ND<358	1300.00	NT
		Treated SE	11/8/2010	ND<353	ND<353	ND<353	ND<353	800.00	880.00	1100.00	400.00	450.00	ND<353	ND<353	ND<353	800.00	ND<353	ND<353	ND<353	ND<353	1600.00	ND<353	ND<353	ND<353	ND<353	620.00	ND<353	1400.00	NT
		Treated SW	11/8/2010	ND<353	ND<353	ND<353	ND<353	710.00	710.00	910.00	ND<353	370.00	ND<353	ND<353	ND<353	680.00	ND<353	ND<353	ND<353	ND<353	1400.00	ND<353	ND<353	ND<353	ND<353	550.00	ND<353	1200.00	NT
Remedial Criteria		R-DEC	---	1000000	1000000	107000	1000000	1000	1000	1000	1000000	8400	1000000	1000000	NE	84000	1000	270000	1000000	1000000	1000000	1000000	1000	474000	1000000	1000000	1000000	1000000	500
		I/C-DEC	---	2500000	2500000	NE	2500000	7800	1000	7800	2500000	78000	2500000	2500000	NE	780000	1000	2500000	1000000	2500000	2500000	2500000	7800	2500000	2500000	2500000	2500000	2500000	2500
		GB-PMC	---	84000	84000	1200	400000	1000	1000	1000	42000	1000	10000000	NE	NE	1000	1000	5600	1100000	140000	56000	56000	1000	9800	56000	40000	860000	40000	2500

Legend:
R-DEC = Residential Direct Exposure Criteria
I/C-DEC = Industrial / Commercial Direct Exposure Criteria
GB-PMC = GB Pollutant Mobility Criteria
ND = Not Detected
NT = Not Tested

Notes:
1. Samples obtained by GeoDesign, Inc and analyzed by Complete Environmental Testing (CET) of Stratford, CT. Samples were preserved in accordance with CTDEEP guidance
2. Remediation Standards obtained from Regulations for Connecticut State Agencies Section 22a-133k-2.
3. Bold valves indicate an exceedance of remedial standards.
4. For test pits, ash is based upon visual observation with naked eye. For stockpiles, ash presence was confirmed with scanning electron microscopy.

APPENDIX 3
PHOTOGRAPHS

Photograph No. 1: View looking to the north at In-Situ Chemical Oxidation (ISCO) injection area. ISCO injections were performed by Zebra Environmental Corporation of Albany, NY. Slurry was injected to oxidize chlorinated volatile organic compounds in-situ.

Photograph No. 2: View looking to the north at Zebra injecting ISCO chemicals to subsurface. Water Street is in the background.

Photograph No. 3: View of ISCO monitoring in monitoring well MW-1 located in the northeast corner of Parcel C. This well had shown historical exceedances of vinyl chloride above remedial standards.

Photograph No. 4: Remedial excavation and Ex-Situ Chemical Oxidation (ESCO) treatment was conducted by Manafort Brothers Inc. (MBI) of Plainville, CT.

Photograph No. 5: View from Town Hall Parking Garage looking northeast at the soil treatment / staging area. The treatment area was constructed on a geomembrane liner for containment purposes. The liner was covered with approximately one-foot of clean imported soil and surrounded by hay bales. Oxidation chemicals (Regenox Part A, Regenox Part B, and hydrogen peroxide) were stored in the brown storage boxes (additional storage box not shown in photo).

Photograph No. 6: Looking northeast at buried brick structures encountered along Water Street. The top of the brick structures was at 5 feet below grade (fbg). This area was excavated to approximately 15 fbg to remove petroleum impacted soil.

Photograph No. 7: View of MBI excavating brick structures and contaminated soil along Water Street.

Photograph No. 9: MBI screened onsite soils with a soil screener. Soil was screened to approximately 3-inch minus material before treatment with ESCO processes.

Photograph No. 8: View of a covered stockpile following the first phase of ESCO remediation.

Photograph No. 10: View of the soil treatment/staging area looking northwest. Refer to Figure 8 in Appendix 1 for detail description of treatment system.

Photograph No. 11: View looking north at an exposed section of the historical raceway. The approximate location of the raceway can be seen on Figure 2 in Appendix 1. The raceway was constructed of fieldstone blocks and was connected to a 36-inch RCP storm drainage pipe. The raceway structure was removed by remedial excavation.

Photograph No. 12: MBI using a hoe ram to break large sections of concrete/brick structures into manageable pieces before crushing. Clean (no visually stained) crushed material was used as clean fill.

Photograph No. 13: Typical view of crushing activities. Clean (no visually stained) oversized rock, cement and brick material was crushed to approximately 5-inch minus material.

Photograph No. 14: View looking southeast at an area of buried rubber material encountered in the eastern portion of the site. The approximate location of the buried rubber is shown on Figure 6 in Appendix 1.

Photograph No. 15: View of wooden timber platform uncovered in rubber excavation area. The wooden platform was located at approximately 8 feet below grade (fbg). Additional rubber was observed under this structure to approximately 17 fbg.

Photograph No. 16: MBI excavated rubber material and contaminated soil in rubber excavation area.

Photograph No. 18: MBI using an excavator to load rubber and contaminated soil for off-site disposal. Approximately 551 tons of rubber and contaminated soil were transported and disposed of at the Upton Landfill in Upton Massachusetts.

Photograph No. 17: View looking north at the rubber excavation area. Fieldstone walls surrounded this excavation which measured approximately 30 ft by 36 ft by 17 ft in depth. A wooden timber floor was encountered at 17 fbg and was not removed.

Photograph No. 19: MBI placed approximately 214 cubic yards of crushed rock in the rubber pit excavation.

Photograph No. 20: Looking east at rubber pit excavation area. MBI placed filter fabric over the crushed rock fill. MBI placed and compacted screened "untreatable" soil in this area. Outside of the proposed garage area (see Figure 6) clean soil was placed to four feet below grade. The contaminated soils within the proposed garage area (see Figure 6) will be capped in the future to render it "environmentally isolated and inaccessible" as defined by the Remediation Standard Regulations.

Photograph No. 21: MBI excavated petroleum stained soil to a depth of 15 fbg along Water Street to satisfy the Direct Exposure Criteria. Contaminated soil continued to the east under the sidewalk. The sidewalk contains utilities which restricted the removal of additional contaminated soils.

Photograph No. 22: A former water production supply well was encountered in the southeast corner of the Site.

Photograph No. 23: MBI removed the well and pump. The well was later closed in place by grouting.

Photograph No. 24: View of water well after well abandonment. The abandonment was performed by a licensed well driller from American Environmental Assessment Corporation of Hartford, Connecticut on May 10, 2011.

Photograph No. 25: Buried concrete pipe which contained asbestos pipe insulation was encountered in the south-central portion of the Site (see Figure 6).

Photograph No. 26: Close up of the asbestos wrapped pipe along Maple Street.

Photograph No. 27: Typical compaction with vibratory roller.

Photograph No. 28: MBI excavated to expose clean gravel (natural material) which was tested and used as fill in non-ELUR area of the Site.

Photograph No. 29: Excavation of a wooden timber structure and petroleum impacted soil along Maple Street. This area was excavated to approximately 15 fbg to satisfy the Direct Exposure Criteria.

Photograph No. 30: Excavation of clean gravel material to be used as clean fill (foreground) and placement and compaction of contaminated soil in an area where an ELUR land use restriction will be placed.

Photograph No. 31: Placing and compacting contaminated fill in garage area which will be subject to an ELUR.

Photograph No. 32: Excavation between Maple St. and Building 25.

Photograph No. 33: Clean fill placed around Building 25 at end of remediation project.

Photograph No. 34: View to north of site at completion of grading following remedial work. The Site was subsequently hydroseeded and a chain link fence installed around the proposed garage area. (Note proposed garage location at raised elevation in background.)

Photograph No. 35: View to the east at completion of grading following remedial work. The Site was subsequently hydroseeded and a chain link fence installed around the proposed garage area. (Note proposed garage location at raised elevation at left of photo.)

Photograph No. 36: View to west across Water Street following completion of earthwork. The fence delineates an area of contaminated fill which will be within the footprint of a proposed building or parking garage.

APPENDIX 4
LIST OF PREVIOUSLY PUBLISHED REPORTS

APPENDIX 4

List of Available Environmental Reports and Correspondence

Parcel C – North and South

1. Phase I Environmental Site Assessment, Consulting Environmental Engineers, Inc., June 1991

2. Phase II Environmental Site Assessment, Land Tech Remedial, Inc., February 6, 1996

3. Additional Soil Sampling, Land Tech Remedial, Inc., February 13, 1996

4. Letter from CTDEP to Borough of Naugatuck allowing LEP verification, June 19, 1997

5. Environmental Condition Assessment Form, Prepared by Borough of Naugatuck, June 3, 1997

6. Final Remedial Action Report, Handex, October 21, 1998

Parcel C – South Only

7. Remedial Action Plan - Southern Portion of Parcel C, Handex, September 15, 2005

8. Parcel C – North Cap Monitoring Report and Parcel C – South Phase III Environmental Site Assessment, Geo**Design**, Inc., November 7, 2007

9. Parcel C – North Cap Monitoring and Parcel C – South Groundwater Monitoring Report, Geo**Design**, Inc., April 8, 2008

10. Infiltration Test, Parcel C – South, **GeoDesign**, Inc., April 9, 2008

11. Pre-Remedial Activities, Parcel C-South, **GeoDesign**, Inc., December 1, 2008

12. Summary of Field Activities and 1st Round Post-Injection Groundwater Monitoring, Authorization Number TA-167, Former Uniroyal Complex Parcel C – South, Naugatuck, CT, Geo**Design**, Inc., July 28, 2010

13. Summary of Field Activities and 2nd Round Post-Injection Groundwater Monitoring, Authorization Number TA-167, Former Uniroyal Complex Parcel C – South, Naugatuck, CT, Geo**Design**, Inc., January 25, 2011

14. Summary of Field Activities and 3rd Round Post-Injection Groundwater Monitoring, Temporary Authorization Number TA-167, Former Uniroyal Complex Parcel C-South, Naugatuck, CT, Geo**Design**, Inc., February 8, 2011

15. Annual Report Post-Injection Groundwater Monitoring, Temporary Authorization Number TA-167, Former Uniroyal Complex Parcel-C South, Naugatuck, CT, **GeoDesign**, Inc., June 21, 2011

M:\CL\3101 - Borough of Naugatuck\04 - Parcel C\04.1 Construction Services\Remedial Action Report\List of Available Previous Environmental Reports.docx

APPENDIX 5
CTDEEP DEMONSTRATION PERMIT APPROVAL LETTERS

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

The Honorable Robert A. Mezzo
Mayor, Borough of Naugatuck
229 Church Street
Naugatuck, CT 06770

RECEIVED
OCT 21 2009
GeoDesign, Inc.

APPROVAL

Re: Registration for a Connecticut Solid Waste Demonstration Project
Application No. 200901727

Dear Mayor Mezzo:

The Borough of Naugatuck proposes to conduct a demonstration project to show that the ex-situ (above ground) treatment of contaminated soil in a controlled manner, using chemical oxidants (i.e., hydrogen peroxide and percarbonate), will lower the contaminant levels in the soil to allow for its on-site reuse in a manner that will allow unrestricted use of the property for redevelopment. The proposed demonstration project will be conducted at the former Uniroyal Complex, Parcel C – South, located at the intersection of Maple Street and North Water Street, Naugatuck, Connecticut (the Facility).

The proposed demonstration project will develop information that may be used to support future requests for further regulatory determination involving the ex-situ treatment of contaminated soil. The information may also be used to develop any appropriate terms and conditions used in subsequent authorizations or permits to assure the protection of human health and the environment. Based on a review of the application referenced above and the letter from GeoDesign Incorporated dated September 24, 2009 to the Department, the demonstration project:

a) is necessary to research, develop or promote methods and technologies of solid waste management which are consistent with the goals of the state solid waste management plan;
b) does not pose a significant risk to human health or the environment; and
c) is not inconsistent with federal law.

Therefore, pursuant to Section 22a-208a(j) of the Connecticut General Statutes and based on the submitted information, the Borough of Naugatuck may conduct the proposed demonstration project provided the following conditions are met:

1. The duration of the demonstration project shall not exceed 12 months, beginning with the date of the approval by the Department.

2. The total amount of material (i.e., contaminated soil) to be treated under this demonstration project shall not exceed thirty thousand (30,000) cubic yards.

3. During this demonstration project the Borough of Naugatuck shall maintain weekly records detailing: the volume of contaminated soil treated; the quantities and mixing ratios of the chemical oxidants; conveyor flow rate and optimum quantity of chemical oxidant added; average "curing time" for treated soil; as well as monitoring, testing and analytical results for treated soil. The sampling and analysis of treated soil, untreated soil and other materials excavated during this project shall be conducted in accordance with the demonstration project registration entitled "Connecticut Solid Waste Demonstration Site – Registration Request, Former Uniroyal Complex Parcel C – South, Maple Street and North Water Street, Naugatuck, CT" prepared by GeoDesign Incorporated, dated May 15, 2009 and the letter dated September 24, 2009, also prepared by GeoDesign Incorporated, which appends the registration request.

4. The Borough of Naugatuck shall submit progress reports every three months (i.e., on a quarterly basis) following the date of this approval and continue until the demonstration project has been completed. The progress reports shall identify: the volumes/quantities of contaminated soil that have been treated; the volumes/quantities of contaminated soil and other waste materials (e.g., wood, rubber, metal, etc.) taken off-site for disposal and the permitted solid waste disposal/recycling facility that accepted them; the quantities and mixing ratios of the chemical oxidants; conveyor flow rate and optimum quantity of chemical oxidant added; average "curing time" for treated soil; and monitoring, testing and analytical results for treated soil. Such reports shall be submitted to: Diane Duva, Assistant Director, Waste Engineering and Enforcement Division, Bureau of Materials Management and Compliance Assurance.

5. Proper sedimentation and erosion controls shall be maintained at all times by the Borough of Naugatuck and/or its contractor(s) during activities associated with the demonstration project. The Borough of Naugatuck shall adhere to Connecticut's Guidelines for Soil Erosion and Sediment Control, dated May 2002, as amended. As necessary, prior to commencing the demonstration project, the Borough of Naugatuck shall register for the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities ("the construction general permit"). Additionally, as necessary, the Borough of Naugatuck shall prepare and implement a Stormwater Pollution Control Plan which meets the requirements of the construction general permit. Such Plan shall also incorporate requirements of a Remedial Action Plan to prevent pollution.

6. The Borough of Naugatuck shall at all times take reasonable precautions to control fugitive dust emissions and odors in accordance with Regulations of Connecticut State Agencies (RCSA) Sections 22a-174-18 and 22a-174-23, respectively.

7. Any materials staged in a temporary waste stockpile area shall be managed in accordance with the Department's General Permit for Contaminated Soil and/or Sediment Management (Staging and Transfer), issued September 7, 2006.

8. The Borough of Naugatuck shall control all traffic related to demonstration project activities authorized herein in such a way as to mitigate the queuing of vehicles off-site and excessive or unsafe traffic impact in the project area. Additionally, the Borough of Naugatuck shall ensure that, except as allowed pursuant to RCSA Section 22a-174-

18(b)(3), trucks and diesel equipment coming to or used at the project area shall not be left idling for more than three (3) consecutive minutes.

9. Throughout implementation of the demonstration project, the Borough of Naugatuck or its contractor(s) shall prepare and comply with a site health and safety plan that complies with all applicable requirements of the Occupational Safety and Health Administration's (OSHA) 29 CFR Part 1910.120. A copy of said plan shall be provided to the Commissioner upon request.

10. The Borough of Naugatuck shall submit a final report on or before sixty (60) days after the demonstration project ends analyzing the project's level of success, significant findings, and results; and any other information the Department requests.

11. If at any time the Commissioner determines that any activities authorized by this demonstration project can reasonably be expected to cause pollution to the waters of the state or otherwise adversely impact human health or the environment, the Commissioner has the sole discretion to terminate such activities. Such activities shall cease and a closure plan shall be submitted to the Commissioner on or before ten (10) days from the date of receiving written notice from the Department. The closure plan submitted pursuant to such written notice shall include but not be limited to: removing any stockpiled untreated contaminated soil and/or other waste materials (e.g., wood, rubber, metal, etc.) from the demonstration site and a schedule for the completion of such removal.

12. The reuse of treated soil shall be conducted in accordance with RSCA Section 22a-133k-2(h)(3).

Nothing in this approval shall affect the Department's authority to institute any proceeding or to take any actions to prevent violations of law, prevent or abate pollution or natural resource damages, recover costs and to impose penalties for violations of law.

This approval does not relieve the Borough of Naugatuck of the obligation to obtain any other authorizations as may be required by federal, state or local laws or regulations, or relieve the Borough of Naugatuck of any other obligations under applicable federal, state, and local laws.

Should you have any questions regarding this approval, please contact David McKeegan at (860) 424-3313.

Yours truly,

Amey Marrella

Date: October 15, 2009

Amey W. Marrella
Commissioner

AWM:dm

cc: James Stewart, P.E., Borough Engineer
Sheila Gleason, DEP Remediation Division

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

October 19, 2009

Mr. James Stewart, P.E.
Borough of Naugatuck
229 Church Street
Naugatuck, CT 06770

Re: Confirmation and Issuance of Registration
General Permit for Contaminated Soil and/or Sediment Management (Staging and Transfer)
Application No: 200902057
REGISTRATION NO: DEP/CSST-088-12-117
PERIOD OF AUTHORIZATION: June 15, 2009 through June 15, 2011

Dear Mr. Stewart:

By this letter, the Department of Environmental Protection ('the Department') is notifying you that it has received and processed the Borough of Naugatuck's application for the General Permit for Contaminated Soil and/or Sediment Management - Staging and Transfer. This application was received by the Department on June 15, 2009 and was submitted for a registration to temporarily stage contaminated soil at the site from which it was excavated in volumes less than 10,000 cubic yards at a contaminated soil staging area located at the corner of Maple Street and North Water Street in Naugatuck, Connecticut.

The registration number and valid period of this authorization is noted above. The Borough of Naugatuck may request an extension of this registration by submitting a new registration form and fee to the Department for a 'renewal of registration' no later than 120 days prior to the expiration date of this registration. Please be aware that such extensions are granted only in one-year increments and only at the discretion of the commissioner. The issuance of this registration does not relieve the Borough of Naugatuck from seeking and obtaining local Planning and Zoning or Inland Wetlands approvals.

If you have any questions regarding the General Permit for Contaminated Soil and/or Sediment Management - Staging and Transfer or this letter, please do not hesitate to contact David McKeegan at (860) 424-3313.

Sincerely,

Gabrielle Frigon
Supervising Environmental Analyst
Waste Engineering and Enforcement Division
Bureau of Materials Management and
Compliance Assurance

GF/dm
cc: Alfred Kovalik, GeoDesign Inc.

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

October 15, 2010

The Honorable Robert A. Mezzo
Mayor
Borough of Naugatuck
229 Church Street
Naugatuck, CT 06770

RECEIVED
OCT 19 2010
GeoDesign, Inc.

Re: Solid Waste Demonstration Project
Application No. 200901727
Former Uniroyal Complex, Parcel C – South
Maple Street and North Water Street, Naugatuck, Connecticut

Dear Mayor Mezzo:

Staff of the Bureau of Materials Management and Compliance Assurance's Waste Engineering and Enforcement Division (the Department) has completed the review of your September 1, 2010 letter, requesting an extension of time for the Borough of Naugatuck (the Borough) to complete their on-going soil treatment efforts at the referenced property. As outlined in your letter, the Borough is requesting a two month extension, from October 15, 2010 to December 15, 2010, to the deadline imposed by the approved Solid Waste Demonstration Project issued to the Borough on October 15, 2009.

Based upon the information provided in your letter, the Department is granting your request to extend the deadline of the Solid Waste Demonstration Project, however we are extending the deadline until October 31, 2011. That way, if you need additional time, you will not need to request an additional renewal. All other conditions of the Solid Waste Demonstration Project remain as written. Please be advised that the reuse of untreatable coal ash containing soil is not covered under the Solid Waste Demonstration Project and may require the Commissioner's approval prior to placement. As necessary, the Borough should contact the Remediation Division with any questions regarding your remedial action plan.

Please contact David McKeegan at (860) 424-3313 if you have any questions regarding this letter.

Sincerely,

Robert C. Isner, Director
Bureau of Materials Management and Compliance Assurance
Waste Engineering and Enforcement Division

RCI:dkm
cc: Alfred Kovalik, GeoDesign Inc.
Sheila Gleason, DEP Remediation Division

APPENDIX 6
REGENESIS ISCO WORK PLAN &
MATERIAL SAFETY DATA SHEETS

REGENESIS

Memorandum

To: Jesse Garuti, Manafort Brothers
From: Maureen Dooley
Date: April 2, 2009
RE: **:** Full-Scale Application of Regenesis's Chemical Oxidation Product (RegenOx™) and Oxygen Releasing Compound (ORCA®) to Accelerate the Degradation of Hydrocarbons and chlorinated hydrocarbons in groundwater at the Borough of Naugatuck Parcel C site, located in Naugatuck, CT

Regenesis has reviewed the information that was provided in the RFP for the Naugatuck Parcel C site located in Naugatuck, CT. In the following sections we will present information on use of RegenOx and ORCA, design information and assumptions, and delivery of RegenOx and ORCA to the subsurface. This plan is to address groundwater contamination present in COA 1 area at the subject site.

Use of RegenOx™ to Accelerate Contaminant Degradation

RegenOx™ is a proprietary (patent-applied-for) in *situ* chemical oxidation process using a solid oxidant complex (sodium percarbonate/catalytic formulation) and an activator complex (a composition of ferrous salt embedded in a micro-scale catalyst gel). RegenOx™ with its catalytic system has very high activity, capable of treating a very broad range of soil and groundwater contaminants including both petroleum hydrocarbons and chlorinated solvents. Additionally, RegenOx™ has significant longevity in the subsurface allowing for both the initial contaminant degradation and the continued treatment of contaminants desorbing from the matrix. Most importantly, RegenOx, when handled appropriately, is safe and easy to apply to the contaminated subsurface without the health and safety concerns and lingering environmental issues that that have become associated with other chemical oxidation technologies.

Use of Advanced formula Oxygen Release Compound (ORC *Advanced*™) to Accelerate Bioremediation

Advanced formula Oxygen Release Compound (ORC *Adv*) is a patented formulation of phosphate-intercalated calcium peroxide that is a timed-released source of oxygen. ORC *Adv* releases oxygen in the dissolved-phase when it is hydrated. Numerous studies have shown

19 Belmont Raod~ Wakefield, MA 01880 ~ TELEPHONE: 781 245-1320 ~ FAX: 781 245-1329

mdooley@regenesis.com ~ www.regenesis.com

that the lack of oxygen can limit the ability of naturally occurring microorganisms (aerobes) to degrade certain compounds. ORC *Adv* provides terminal electron acceptors to support the oxidative biodegradation of many types of aerobically degradable compounds including but not limited to: petroleum-based hydrocarbons (e.g. Toluene) and chlorinated hydrocarbons (e.g. Vinyl Chloride). ORC *Adv* is manufactured as a fine powder that can be installed in the subsurface in the following ways: (1) mixed with water to form a slurry that can be injected into both the saturated and unsaturated zones (2) added as a soil amendment to the backfill material used in excavation applications. The use of oxygen sources such as ORC *Adv* is recognized as a sensible strategy for engineering accelerated bioattenuation at project sites contaminated with aerobically degradable compounds.

Data and Assumptions Used to Design this RegenOx Application

Groundwater Injection:**COA1**

Treatment Area: 30 feet x 200 feet – includes MW wells MW1, MW2 and GP5

Treatment thickness: 10 feet – inject from 10ft bgs to 20ft bgs

Groundwater Contaminant Levels
Historically VC has been observed in wells within the treatment zone above the treatment criteria of 1.6ug/L – but was not detected in the latest sampling event March 2008.

In March 2008 MW1 and MW2 did not have any detections contaminant above detection, however historically VC and some PAHs were detected above criteria.

All individual VOCs and semivolatile compounds were measured at levels below 10ug/L.

Application Details

- 60 injection points spaced 10 foot is proposed for groundwater treatment in COA1 Area
- A blend of RegenOx and ORCA shall be used to address groundwater contamination. Regenox is expected to remain active for up to 30 days and the ORA will remain active for 9-12 months
- RegenOx Loading20lbs/ft & ORCA 3lbs/ft
- Per point: 200lbs RegenOx (100lbs Part A &100lbs Part B)+ 30lbs ORCA
- Oxidant concentration (as injected): Percarbonate/oxidant strength is 6%
- Injection Volume: approximately 22gallons per foot or 220 gallons per injection point

- Application rate: injection rates are approximately 1-7gpm depending on how well the formation accepts the injection mixture. It is estimated 6-10 injection points per day may be completed, or up to 2200 gallons per day. Up to 10 field days will be required to complete the injection program.

RegenOx™ Delivery to Contaminated Zone

The chemical oxidant falls within the class of "5.1 oxidants" and should be handled accordingly. Regenesis requests that the client review the MSDS sheets and the installation instructions that accompany the chemical oxidant prior to handling and injection.

Direct Push Application

Chemical oxidant can be applied to the subsurface using direct-push hydraulic equipment. Drive rods are pushed to the bottom of the contaminated zone and then the chemical oxidant is injected as the rods are withdrawn. Drive rods with an inner diameter of at least 5/8 of an inch should be used to inject the chemical oxidant. At sites where direct-push is not feasible, auger-based equipment can be used to deliver chemical oxidant to the subsurface. Or at sites where repeated applications are required, schedule 80 PVC cased re-injection wells can be installed to facilitate injection.

The chemical oxidation slurries used during installation activities have a solids content of 4% to 6%, but this value may need to be adjusted in the field so that the required mass of chemical oxidation can be injected at each location. For example, less permeable soil types (e.g. clays) may require up to 6% chemical oxidation percentage solids content slurry since less volume can be injected per location. If re-injection wells are used a chemical oxidation slurry with a solids content of 4% to 7% by weight should be used. The volume of water per injection location can be calculated from the following equation:

Volume of water (gallons/injection point):

$$\frac{\text{chemical oxidant lbs/hole}}{(8.34\,\text{lbs/gal water})(\%\,\text{chemical oxidant solids})}\left[1-(\%\,\text{chemical oxidant solids})\right]$$

In addition to the health and safety precautions that should be followed when working with this chemical oxidant, one of the most critical aspects of a successful installation is having a pump that can properly install the material in the subsurface. Typically, the pumps used for these types of product applications should have a pumping rate of at least five gallons per minute and a pressure rating of at least 800 pounds per square inch (psi). Pumps that have been effective for the injection of RegenOx include the Moyno, and Rupe Pumps. Failing to specify and use the appropriate equipment for this type of product installation may increase field time and result in improper application of the material. If you have any questions regarding purchasing, renting or specifying a pump for this project please contact the Technical Service Group staff at Regenesis.

Recommended Monitoring Program for RegenOx™ Projects

It is assumed that all groundwater monitoring wil be conducted by GeoDesign and is not the responsibility of Regenesis/Manafort.

In order to validate the effectiveness of the chemical oxidant, we recommend conducting monitoring at selected locations. A baseline round of sampling should be performed to identify the groundwater quality prior to the injection of the chemical oxidant. The following table outlines the parameters and methods that should be used to monitor the progress of an oxidant-based project as well as our recommended monitoring schedule.
Once the RegenOx phase of the program is complete, quarterly monitoring for 1 year is recommended to monitor the progress of the ORCA/bioremediation phase of the project.

Chemical Oxidation Monitoring Program – Recommended Analyses

	Analyte	**Method**	**Baseline**	**2 weeks, 4 weeks, quarterly**
Field	pH, dissolved oxygen (DO), oxidation/reduc.potential (ORP), temperature, conductivity	Meter reading taken in flow-through cell (DO can also be measured with a Hach field test kit)	X	X
Laboratory	Target Contaminant Analysis		X	X

Oxygen Release Compound – Advanced (ORC *Advanced*™)
MATERIAL SAFETY DATA SHEET (MSDS)

Last Revised: March 13, 2007

Section 1 - Material Identification

Supplier:

REGENESIS

1011 Calle Sombra
San Clemente, CA 92673

Phone:	**949.366.8000**
Fax:	**949.366.8090**
E-mail:	**info@regenesis.com**

Chemical Description:	A mixture of Calcium OxyHydroxide [$CaO(OH)_2$] and Calcium Hydroxide [$Ca(OH)_2$].
Chemical Family:	Inorganic Chemical
Trade Name:	Advanced Formula Oxygen Release Compound (ORC *Advanced*™)
Chemical Synonyms	Calcium Hydroxide Oxide; Calcium Oxide Peroxide
Product Use:	Used to remediate contaminated soil and groundwater (environmental applications)

Section 2 – Composition

CAS No.	**Chemical**
682334-66-3	**Calcium Hydroxide Oxide [$CaO(OH)_2$]**
1305-62-0	**Calcium Hydroxide [$Ca(OH)_2$]**
7758-11-4	**Dipotassium Phosphate (HK_2O_4P)**
7778-77-0	**Monopotassium Phosphate (H_2KO_4P)**

Section 3 – Physical Data	
Form:	Powder
Color:	White to Pale Yellow
Odor:	Odorless
Melting Point:	527 °F (275 °C) – Decomposes
Boiling Point:	Not Applicable (NA)
Flammability/Flash Point:	NA
Auto- Flammability:	NA
Vapor Pressure:	NA
Self-Ignition Temperature:	NA
Thermal Decomposition:	527 °F (275 °C) – Decomposes
Bulk Density:	0.5 – 0.65 g/ml (Loose Method)
Solubility:	1.65 g/L @ 68° F (20° C) for calcium hydroxide.
Viscosity:	NA
pH:	11-13 (saturated solution)
Explosion Limits % by Volume:	Non-explosive
Hazardous Decomposition Products:	Oxygen, Hydrogen Peroxide, Steam, and Heat
Hazardous Reactions:	None

Section 4 – Reactivity Data

Stability:	Stable under certain conditions (see below).
Conditions to Avoid:	Heat and moisture.
Incompatibility:	Acids, bases, salts of heavy metals, reducing agents, and flammable substances.
Hazardous Polymerization:	Does not occur.

Section 5 – Regulations

TSCA Inventory List:	Listed

CERCLA Hazardous Substance (40 CFR Part 302)

Listed Substance:	No
Unlisted Substance:	Yes
Reportable Quantity (RQ):	100 pounds
Characteristic(s):	Ignitibility
RCRA Waste Number:	D001

SARA, Title III, Sections 302/303 (40 CFR Part 355 – Emergency Planning and Notification)

Extremely Hazardous Substance:	No

SARA, Title III, Sections 311/312 (40 CFR Part 370 – Hazardous Chemical Reporting: Community Right-To-Know

Hazard Category:	Immediate Health Hazard Fire Hazard
Threshold Planning Quantity:	10,000 pounds

Section 5 – Regulations (cont)

SARA, Title III, Section 313 (40 CFR Part 372 – Toxic Chemical Release Reporting: Community Right-To-Know

Extremely Hazardous Substance:	No	
WHMIS Classification:	C	Oxidizing Material Poisonous and Infectious Material
	D	Material Causing Other Toxic Effects – Eye and Skin Irritant
Canadian Domestic Substance List:	Not Listed	

Section 6 – Protective Measures, Storage and Handling

Technical Protective Measures

Storage:	Keep in tightly closed container. Store in dry area, protected from heat sources and direct sunlight.
Handling:	Clean and dry processing pipes and equipment before operation. Never return unused product to the storage container. Keep away from incompatible products. Containers and equipment used to handle this product should be used exclusively for this material. Avoid contact with water or humidity.

Section 6 – Protective Measures, Storage and Handling (cont)

Personal Protective Equipment (PPE)

Engineering Controls:	Calcium Hydroxide ACGIH® TLV® (2000) 5 mg/m^3 TWA OSHA PEL Total dust–15 mg/m^3 TWA Respirable fraction– 5 mg/m^3 TWA NIOSH REL (1994) 5 mg/m^3
Respiratory Protection:	For many conditions, no respiratory protection may be needed; however, in dusty or unknown atmospheres use a NIOSH approved dust respirator.
Hand Protection:	Impervious protective gloves made of nitrile, natural rubbber or neoprene.
Eye Protection:	Use chemical safety goggles (dust proof).
Skin Protection:	For brief contact, few precautions other than clean clothing are needed. Full body clothing impervious to this material should be used during prolonged exposure.
Other:	Safety shower and eyewash stations should be present. Consultation with an industrial hygienist or safety manager for the selection of PPE suitable for working conditions is suggested.
Industrial Hygiene:	Avoid contact with skin and eyes.
Protection Against Fire & Explosion:	NA

Section 7 – Hazards Identification

Emergency Overview:	Oxidizer – Contact with combustibles may cause a fire. This material decomposes and releases oxygen in a fire. The additional oxygen may intensify the fire.
Potential Health Effects:	Irritating to the mucous membrane and eyes. If the product splashes in ones face and eyes, treat the eyes first. Do not dry soiled clothing close to an open flame or heat source. Any

	clothing that has been contaminated with this product should be submerged in water prior to drying.
Inhalation:	High concentrations may cause slight nose and throat irritation with a cough. There is risk of sore throat and nose bleeds if one is exposed to this material for an extended period of time.
Eye Contact:	Severe eye irritation with watering and redness. There is also the risk of serious and/or permanent eye lesions.
Skin Contact:	Irritation may occur if one is exposed to this material for extended periods.
Ingestion:	Irritation of the mouth and throat with nausea and vomiting.

Section 8 – Measures in Case of Accidents and Fire

After Spillage/Leakage/Gas Leakage:	Collect in suitable containers. Wash remainder with copious quantities of water.
Extinguishing Media:	See next.
Suitable:	Large quantities of water or water spray. In case of fire in close proximity, all means of extinguishing are acceptable.
Further Information:	Self contained breathing apparatus or approved gas mask should be worn due to small particle size. Use extinguishing media appropriate for surrounding fire. Apply cooling water to sides of transport or storage vessels that are exposed to flames until the fire is extinguished. Do not approach hot vessels that contain this product.
First Aid:	After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention. Consult an opthalmologist in all cases.

Section 8 – Measures in Case of Accidents and Fire

Eye Contact:	Flush eyes with running water for 15 minutes, while keeping the eyelids wide open. Consult with an ophthalmologist in all cases.
Inhalation:	Remove subject from dusty environment. Consult with a physician in case of respiratory symptoms.

Ingestion:	If the victim is conscious, rinse mouth and admnister fresh water. DO NOT induce vomiting. Consult a physician in all cases.
Skin Contact:	Wash affected skin with running water. Remove and clean clothing. Consult with a physician in case of persistent pain or redness.
Special Precautions:	Evacuate all non-essential personnel. Intervention should only be done by capable personnel that are trained and aware of the hazards associated with this product. When it is safe, unaffected product should be moved to safe area.
Specific Hazards:	Oxidizing substance. Oxygen released on exothermic decomposition may support combustion. Confined spaces and/or containers may be subject to increased pressure. If product comes into contact with flammables, fire or explosion may occur.

Section 9 – Accidental Release Measures

Precautions:	Observe the protection methods cited in Section 3. Avoid materials and products that are incompatible with product. Immediately notify the appropriate authorities in case of reportable discharge (> 100 lbs).
Cleanup Methods:	Collect the product with a suitable means of avoiding dust formation. All receiving equipment should be clean, vented, dry, labeled and made of material that this product is compatible with. Because of the contamination risk, the collected material should be kept in a safe isolated place. Use large quantities of water to clean the impacted area. See Section 12 for disposal methods.

Section 10 – Information on Toxicology

Toxicity Data

Acute Toxicity:	Oral Route, LD_{50}, rat, > 2,000 mg/kg (powder 50%) Dermal Route, LD_{50}, rat, > 2,000 mg/kg (powder 50%) Inhalation, LD_{50}, rat, > 5,000 mg/m^3 (powder 35%)
Irritation:	Rabbit (eyes), severe irritant

Sensitization:	No data
Chronic Toxicity:	In vitro, no mutagenic effect (Powder 50%)
Target Organ Effects:	Eyes and respiratory passages.

Section 11 – Information on Ecology

Ecology Data	
	10 mg $Ca(OH)_2$/L: pH = 9.0 100 mg $Ca(OH)_2$/L: pH = 10.6
Acute Exotoxicity:	Fishes, Cyprinus carpio, LC_{50}, 48 hrs, 160 mg/L Crustaceans, Daphnia sp., EC_{50}, 24 hours, 25.6 mg/L (Powder 16%)
Mobility:	Low Solubility and Mobility
Abiotic Degradation:	Water – Slow Hydrolysis. Degradation Products: Calcium Hydroxide Water/soil – complexation/precipitation. Carbonates/sulfates present at environmental concentrations. Degradation products: carbonates/sulfates sparingly soluble
Biotic Degradation:	NA (inorganic compound)
Potential for Bioaccumulation:	NA (ionizable inorganic compound)

Section 11 – Information on Ecology (cont)

Comments:	Observed effects are related to alkaline properties of the product. Hazard for the environment is limited due to the product properties of: • No bioaccumulation • Weak solubility and precipatation as carbonate or sulfate in an aquatic environment. Diluted product is rapidly neutralized at environmental pH.
Further Information:	NA

Section 12 – Disposal Considerations

Waste Disposal Method:	Consult current federal, state and local regulations regarding the proper disposal of this material and its emptied containers.

Section 13 – Shipping/Transport Information

D.O.T Shipping Name:	Oxidizing Solid, N.O.S [A mixture of Calcium OxyHydroxide [$CaO(OH)_2$] and Calcium Hydroxide [$Ca(OH)_2$].
UN Number:	1479
Hazard Class:	5.1
Label(s):	5.1 (Oxidizer)
Packaging Group:	II
STCC Number:	4918717

Section 14 – Other Information

HMIS® Rating	Health – 2 Flammability – 0	Reactivity – 1 PPE - Required

HMIS® is a registered trademark of the National Painting and Coating Association.

NFPA® Rating	Health – 2 Flammability – 0	Reactivity – 1 OX

NFPA® is a registered trademark of the National Fire Protection Association.

Reason for Issue: Update toxicological and ecological data

Section 15 – Further Information

The information contained in this document is the best available to the supplier at the time of writing, but is provided without warranty of any kind. Some possible hazards have been determined by analogy to similar classes of material. The items in this document are subject to change and clarification as more information become available.

Regen OX – Part A (Oxidizer Complex)

Material Safety Data Sheet (MSDS)

Last Revised: November 7, 2005

Section 1 – Supplier Information and Material Identification

Supplier:

REGENESIS
1011 Calle Sombra
San Clemente, CA 92673
Telephone: 949.366.8000
Fax: 949.366.8090
E-mail: info@regenesis.com

Chemical Description:	A mixture of sodium percarbonate [$2Na_2CO_3 \cdot 3H_2O_2$], sodium carbonate [Na_2CO_3], sodium silicate and silica gel.
Chemical Family:	Inorganic Chemicals
Trade Name:	Regen Ox – Part A (Oxidizer Complex)
Product Use:	Used to remediate contaminated soil and groundwater (environmental applications)

Section 2 – Chemical Information/Other Designations

CAS No.	Chemical
15630-89-4	Sodium Percarbonate
5968-11-6	Sodium Carbonate Monohydrate
1344-09-8	Silicic Acid, Sodium Salt, Sodium Silicate
63231-67-4	Silica Gel

Section 3 – Physical Data

Form:	Powder
Color:	White
Odor:	Odorless
Melting Point:	NA
Boiling Point:	NA

Section 3 – Physical Data (cont)

Flammability/Flash Point:	NA
Vapor Pressure:	NA
Bulk Density:	0.9 – 1.2 g/cm^3
Solubility:	Min 14.5g/100g water @ 20 ºC
Viscosity:	NA
pH (3% solution):	˜ 10.5
Decomposition Temperature:	Self-accelerating decomposition with oxygen release starts at 50 ºC.

Section 4 – Reactivity Data

Stability:	Stable under normal conditions
Conditions to Avoid/Incompatibility:	Acids, bases, salts of heavy metals, reducing agents, and flammable substances
Hazardous Decomposition Products:	Oxygen. Contamination with many substances will cause decomposition. The rate of decomposition increases with increasing temperature and may be very vigorous with rapid generation of oxygen and steam.

Section 5 – Regulations

TSCA Inventory Listed:	Yes
CERCLA Hazardous Substance (40 CFR Part 302)	
Listed Substance:	*No*
Unlisted Substance:	*Yes*
SARA, Title III, Sections 313 (40 CFR Part 372) – Toxic Chemical Release Reporting: Community Right-To-Know	
Extremely Hazardous Substance:	No
WHMIS Classification:	C, D2B
Canadian Domestic Substance List:	Appears

Section 6 – Protective Measures, Storage and Handling

Technical Protective Measures

Storage:

Oxidizer. Store in a cool, well ventilated area away from all sources of ignition and out of the direct sunlight. Store in a dry location away from heat and in temperatures less than 40 ?C.

Keep away from incompatible materials and keep lids tightly closed. Do not store in improperly labeled containers.

Protect from moisture. Do not store near combustible materials. Keep containers well sealed.

Store separately from reducing materials. Avoid contamination which may lead to decomposition.

Handling:

Avoid contact with eyes, skin and clothing. Use with adequate ventilation.

Do not swallow. Avoid breathing vapors, mists or dust. Do not eat, drink or smoke in the work area.

Label containers and keep them tightly closed when not in use.

Wash hands thoroughly after handling.

Personal Protective Equipment (PPE)

Engineering Controls:

General room ventilation is required if used indoors. Local exhaust ventilation, process enclosures or other engineering controls may be needed to maintain airborne levels below recommended exposure limits. Avoid creating dust or mists. Maintain adequate ventilation at all times. Do not use in confined areas. Keep levels below recommended exposure limits. To determine actual exposure limits, monitoring should be performed on a routine basis.

Respiratory Protection:

For many conditions, no respiratory protection is necessary; however, in dusty or unknown conditions or when exposures exceed limit values a NIOSH approved respirator should be used.

Hand Protection:

Wear chemical resistant gloves (neoprene, rubber, or PVC).

Section 6 – Protective Measures, Storage and Handling (cont)

Eye Protection:	Wear chemical safety goggles. A full face shield may be worn in lieu of safety goggles.
Skin Protection:	Try to avoid skin contact with this product. Chemical resistant gloves (neoprene, PVC or rubber) and protective clothing should be worn during use.
Other:	Eye wash station.
Protection Against Fire & Explosion:	Product is non-explosive. In case of fire, evacuate all non-essential personnel, wear protective clothing and a self-contained breathing apparatus, stay upwind of fire, and use water to spray cool fire-exposed containers.

Section 7 – Hazards Identification

Potential Health Effects	
Inhalation:	Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath, and irritations to mucous membranes, nose and throat.
Eye Contact:	Causes irritation, redness and pain.
Skin Contact:	Causes slight irritation.
Ingestion:	May be harmful if swallowed (vomiting and diarrhea).

Section 8 – Measures in Case of Accidents and Fire

After Spillage/Leakage:	Eliminate all ignition sources. Evacuate unprotected personnel and never exceed any occupational exposure limit. Shovel or sweep spilt material into plastic bags or vented containers for disposal. Do not return spilled or contaminated material to the inventory.
Extinguishing Media:	Water
First Aid	
Eye Contact:	Flush eyes with running water for at least 15 minutes with eyelids held open. Seek a specialist.
Inhalation:	Remove affected person to fresh air. Seek medical attention if the effects persist.
Ingestion:	If the individual is conscious and not convulsing, give two-four cups of water to dilute the chemical and seek medical attention immediately. **Do Not** induce vomiting.

Section 8 – Measures in Case of Accidents and Fire (cont)

Skin Contact:	Wash affected areas with soap and a mild detergent and large amounts of water.

Section 9 – Accidental Release Measures

Precautions:	
Cleanup Methods:	Shovel or sweep spilt material into plastic bags or vented containers for disposal. Do not return spilled or contaminated material to the inventory.

Section 10 – Information on Toxicology

Toxicity Data	
LD50 Oral (rat):	2,400 mg/kg
LD50 Dermal (rabbit):	Min 2,000 mg/kg
LD50 Inhalation (rat):	Min 4,580 mg/kg

Section 11 – Information on Ecology

Ecology Data	
Ecotoxicological Information:	NA

Section 12 – Disposal Considerations

Waste Disposal Method	
Waste Treatment:	Dispose of in an approved waste facility operated by an authorized contactor in compliance with local regulations.
Package (Pail) Treatment:	The empty and clean containers are to be recycled or disposed of in conformity with local regulations.

Section 13 – Shipping/Transport Information

D.O.T. Shipping Name:	Oxidizing Solid, N.O.S. [A mixture of sodium percarbonate [$2Na_2CO_3 \cdot 3H2O_2$], sodium carbonate [Na_2CO_3], sodium silicate and silica gel.]
UN Number:	1479
Hazard Class:	5.1
Labels:	5.1 (Oxidizer)
Packaging Group:	III

Section 14 – Other Information

HMIS® Rating	Health – 1 (slight)	Reactivity – 1 (slight)
	Flammability – 0 (none)	Lab PPE – goggles, gloves, and lab coat

HMIS® is a registered trademark of the National Painting and Coating Association.

Section 15 – Further Information

The information contained in this document is the best available to the supplier at the time of writing, but is provided without warranty of any kind. Some possible hazards have been determined by analogy to similar classes of material. The items in this document are subject to change and clarification as more information become available. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose.

April 13, 2007

RegenOx and ORC *Advanced* Simultaneous Application

RegenOx™ is a two part chemical oxidant capable of treating a broad range of soil and groundwater contaminants. RegenOx was designed as an easily handled and applied high-contaminant-concentration mass reduction technology. RegenOx is an aggressive fast acting oxidative technology that can be coupled with a less aggressive slow release technology like Oxygen Release Compound Advanced (ORC *Advanced*) without negative effects on either products contaminant destructive ability or the aquifer/soil geochemistry.

ORC *Advanced*™ is a state-of-the-art innovative product designed to stimulate aerobic bioremediation through controlled release of oxygen within the subsurface. It offers unparalleled, maximum oxygen release for periods up to 12 months on a single injection and is specifically designed to minimize oxygen waste while maximizing contaminant remediation.

Preliminary Aquifer Volume Testing

Prior to application of the RegenOx + ORC *Advanced* material, it is critical that a clear water injection be performed at the site. The injection a non-reactive (clear water) material at a volume that is approximately 25% greater than the anticipated application volume of RegenOx will provide good evidence of the aquifers capacity to accept the designed volume of RegenOx + ORC-*Advanced*.

RegenOx Solution Mixing Calculation

RegenOx s a two part product, the RegenOx Part A is an oxidant and the Part B is an activator. Depending on the relative aquifer capacity (effective pore volume) of the target zone soil matrix a RegenOx solution should be applied as a solution ranging from 3-5% by weight. The volume of water required to make a 3-5% RegenOx solution can be calculated using the formula provided below (a detailed discussion on RegenOx Mixing Instructions is attached).

Volume of water (gallons/vertical foot of injection):

$$\frac{\text{RegenOx Oxidizer lbs/foot}}{(8.34\,\text{lbs/gal water})(\%\,\text{R}egenOx\_Oxidizer\ \text{solids})}\left[1-(\%\,\text{R}egenOx\_Oxidizer\ \text{solids})\right]$$

Quick Reference Solution Estimates

- Approximate 3% oxidant solution: 10 lbs of Part A oxidant mixed with 39 gallons of water.
- Approximate 4% oxidant solution: 10 lbs of Part A oxidant mixed with 29 gallons of water.
- Approximate 5% oxidant solution: 10 lbs of Part A oxidant mixed with 23 gallons of water.

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ORC *Advanced* Solutions Mixing Calculation

In a traditional ORC *Advanced* only application a slurry can be mixed at a solids solution ranging from 15-35% by weight with water. This slurry is well documented in the literature. For a detailed discussion of these techniques please see the ORC/ORC *Advanced* mixing instructions available on the Regenesis website (www.regenesis.com).

For application of ORC-Advanced + RegenOx the RegenOx material solution should be the basis for delivery volume calculations. That is, design the application solution based on RegenOx (at 3-5%) and then add the desired weight of ORC-A.

RegenOx + ORC-A Solution Mixing & Application

A solution ranging from 3-5% RegenOx solution can be easily mixed directly together with the recommended quantity of ORC *Advanced* and injected simultaneously as described below:

1. Prepare the site specific designed RegenOx Part A solution (3-5% solution).

2. Open the 5-gallon bucket and remove the pre-measured bag of ORC *Advanced* (each bag contains 25 lbs of ORC *Advanced*).

2. Measure and pour the ORC Advanced powder into the previously prepared RegenOx solution.

3. Use an appropriate mixing device to thoroughly mix the ORC *Advanced* into the RegenOx solution. A hand-held drill with a "jiffy mixer" or a stucco mixer on it may be used in conjunction with a small paddle to scrape the bottom and sides of the container. Standard environmental slurry mixers may also be used, following the equipment instructions for operation.

4. Transfer the contents of the mixing tank to the pump hopper using a gravity drain or a sump pump.

5. For some types of pumps (e.g. piston pumps), it may be desirable to perform a volume check prior to injecting RegenOx/ORC *Advanced*. Determining the volume displaced per pump stroke can be accomplished in two easy steps.

   a) Determine the number of pump strokes needed to deliver 3 gallons of RegenOx/ORC *Advanced* (use a graduated bucket for this)

   b) Divide the resulting 3 gallons by the results from the first step to determine the number of gallons of RegenOx/ORC *Advanced* delivered by each pump stroke.

6. Connect the delivery hose to the pump outlet and the delivery sub-assembly. Circulate RegenOx/ORC *Advanced* through the hose and the delivery sub-assembly to displace air in the hose.

7. Connect the sub-assembly to the drive rod. After confirming that all of the connections are secure, pump the RegenOx/ORC *Advanced* through the delivery system to displace the water/fluid in the rods.

8. Slowly withdraw the drive rods. Commonly RegenOx/ORC *Advanced* injection progress at 1-foot intervals. However, continuous injection while slowly withdrawing single lengths of drive rod (3 or 4 feet) is an acceptable option. The pre-determined volume of RegenOx/ORC *Advanced* should be pumped into the aquifer across the desired treatment interval.

9. Remove one section of the drive rod. The drive rod may contain some residual RegenOx/ORC *Advanced* solution. Place the RegenOx/ORC *Advanced*-filled rod in a clean, empty bucket and allow the RegenOx/ORC *Advanced* to drain. Eventually, the RegenOx/ORC *Advanced* should be returned to the pump hopper for reuse.

10. Observe any indications of aquifer refusal. This is typically indicated by a high-pitched squeal in the pump's hydraulic system or (in the case of shallow applications) RegenOx/ORC *Advanced* "surfacing" around the injection rods or previously installed injection points. At times backpressure caused by gassing will impede pump movement. This can be corrected by bleeding the pressure off using a pressure relief/bypass valve (placed inline between the pump discharge and the delivery sub-assembly) and then resume pumping. If aquifer acceptance appears to be low, allow enough time for the aquifer to equilibrate prior to removing the drive rod.

11. Repeat steps 1 through 11 until treatment of the entire contaminated vertical zone has been achieved. It is recommended that the procedure extend to the top of the capillary fringe/smear zone, or to the top of the targeted treatment interval.

12. Install an appropriate seal, such as bentonite, above the RegenOx/ORC *Advanced* material through the entire vadose zone. Prior to emplacing the borehole seal, we recommend placing clean sand in the hole to the top of the RegenOx/ORC *Advanced* treatment zone (especially important in holes that stay open). Bentonite chips or granular bentonite should be placed immediately above the treatment zone, followed by a cement/bentonite grout to roughly 0.5 feet below ground surface. Quick-set concrete should then be used as a surface seal.

13. Remove and clean the drive rods as necessary.

14. Finish the borehole at the surface as appropriate (concrete or asphalt cap, if necessary). We recommend a quick set concrete to provide a good surface seal with minimal set up time.

15. A proper borehole and surface seal assures that the RegenOx/ORC *Advanced* remains properly placed and prevents contaminant migration from the surface. Each borehole should be sealed immediately following RegenOx/ORC *Advanced* application to minimize RegenOx/ORC *Advanced* surfacing during the injection process. If RegenOx/ORC *Advanced* continues to "surface" up the direct push borehole, an appropriately sized (oversized) disposable drive tip or wood plug/stake can be used to plug the hole until the aquifer equilibrates and the RegenOx/ORC *Advanced* stops surfacing. If wells are used for RegenOx/ORC *Advanced* injection the injection wells and all nearby groundwater monitoring wells should be tightly capped to reduce potential for surfacing through nearby wells.

16. Periodically compare the pre- and post-injection volumes of RegenOx/ORC *Advanced* in the pump hopper using pre-marked volume levels. Volume level indicators are not on all pump hoppers. In

this case, volume level markings can be temporarily added using known amounts of water and a carpenter's grease pencil (Kiel crayon). We suggest marking the water levels in 3-gallon increments.

17. Move to the next probe point, repeating steps 1 through 17. We recommend that the next RegenOx/ORC *Advanced* injection point be as far a distance as possible within the treatment zone from the previous RegenOx/ORC *Advanced* injection point. This will further minimize RegenOx/ORC *Advanced* surfacing and short circuiting up an adjacent borehole. When possible, due to the high volumes of liquid being injected, working from the outside of the injection area towards the center will limit expansion of the plume.

Pump Information

Regenesis has evaluated a number of pumps and many are capable of delivering RegenOx™ to the subsurface at a sufficient pressure and volumetric rate. However, even though a number of the evaluated pumps may be capable of delivering the RegenOx™ to the subsurface based on adequate pressures and delivery rates, each pump has its own set of practical issues that may make it more or less difficult to manage in a field setting.

In general, Regenesis strongly recommends using a pump with a pressure rating of 200 pounds per square inch (psi) in sandy soil settings, and 800 psi in silt, clay or weathered bedrock settings. Any pump under consideration should have a minimum delivery rate of 5 gallons per minute (gpm). A lower gpm rated pump may be used; however, they are not recommended due to the amount of time required to inject the volume of liquids typically associated with a RegenOx™ injection (i.e. 1,000 lbs of RegenOx™ [500 lbs Oxidant/500 lbs Activator] require roughly 1,100 gallons of water to make a 5% Oxidant solution).

Quite often diaphragm pumps are used for the delivery of chemical oxidants. Generally, these pumps operate pressures from 50-150 psi. Some of these pumps do not have the pressure head necessary to overcome the back pressure encountered in silt and clay lenses. In these cases the chemical oxidant thus ends up being delivered to the surrounding sands (the path of least resistance) and is not delivered to soil with residual adsorbed contamination. The use of a positive displacement pump such as a piston pump or a progressing cavity pump is may be superior because these pumps have the pressure necessary to overcome the resistance of low permeability soils. NOTE: be aware that application at pressures that are too high may over-consolidate the soil and minimize the direct contact of the oxidant. The key is to inject at a rate and pressure that maximizes the radius of influence without causing preferential flow. This can be achieved by injecting at the minimum pressure necessary to overcome the particular pressures associated with your site soil conditions.

Pump Cleaning

For best results, flush all moving parts and hoses with clean water at the end of the day, flush the injection system with a mixture of water and biodegradable cleaner such as Simple Green. Further cleaning and decontamination (if necessary due to subsurface conditions) should be performed according to the equipment supplier's standard procedures and local regulatory requirements.

Personal Protective Equipment

Personnel working with or in areas of potential contact with RegenOx/ORC *Advanced* should be required at a minimum to be fitted with modified Level D personal protective equipment:

- Eye protection – Wear well sealed goggles or a face shield (face shield recommended for full face protection)
- Head – Hard hat when required
- Respiratory – Use dust respirator approved by NIOSH/MSA
- Hands – Wear neoprene gloves
- Feet – Wear steel toe shoes with chemical resistant soles or neoprene boots
- Clothing – Wear long sleeve shirts and long pant legs. Consider using a Tyvek® body suit, Carhartt® coverall or splash gear

Typical Installation Equipment

- Direct push rig
- Drive Rods (typically 1 ½-inch O.D.) & Injection Tooling with fluid deliver sub-assembly
- Injection Pump rated for 5 gpm @ 200 psi for sandy formations and 800 psi for silt and clay formations (Geoprobe DP-800, Yamada, Moyno, Rupe Models 9-1500 and 9-1600, Wilden, etc.)
- Injection hosing and a pressure relief valve with a bypass
- Clear hosing between mixing tank/drum and pump
- Pressure gauges
- Power drill paint stirrer (3-inch diameter or smaller propeller tip)
- Plastic bucket lid puller tool/opener tool
- 5-amp sump pump (such as Little Giant) and hose
- Three to four 55-gallon drums or similarly sized mixing tanks for RegenOx and ORC *Advanced* mixing
- Sand, bentonite chips, granular bentonite, cement, hydraulic cement, and quick-set concrete for closing and sealing temporary injection holes
- Wood plugs or similar for temporarily sealing injection holes prior to grout sealing
- Access to water
- Access to electricity

MATERIAL SAFETY DATA SHEET

Hydrogen Peroxide (20 to 40%)

MSDS Ref. No.: 7722-84-1-3
Date Approved: 06/03/2008
Revision No.: 11

This document has been prepared to meet the requirements of the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200 and Canada's Workplace Hazardous Materials Information System (WHMIS) requirements.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Hydrogen Peroxide (20 to 40%)

ALTERNATE PRODUCT NAME(S): Durox® Reg. & LR 35%, Oxypure® 35%, Standard 27.5 & 35%, Super D® 25 & 35, Technical 35%, HTP 35%, OHP 35%, Chlorate Grade, 20%, Semiconductor Reg, Seg, RGS, RGS 2, RGS 3, 31%

GENERAL USE: Durox® 35% Reg. & LR - meets the Food Chemical Codex requirements for aseptic packaging and other food related applications.

Oxypure® 35% - certified by NSF to meet NSF/ANSI Standard 60 requirements for drinking water treatment.

Standard 27.5 and 35% - most suitable grade for industrial bleaching, processing, pollution abatement and general oxidation reactions.

Semiconductor Reg, Seg, RGS, RGS 2, RGS 3, 31% - conform to ACS and Semi Specs. for wafer etching and cleaning, and applications requiring low residues.

Super D® 25 and 35% - meets US Pharmacopoeia specifications for 3% topical solutions when diluted with proper quality water. While manufactured to the USP standards for purity and to FMC's demanding ISO 9002 quality standards, FMC does not claim that it's Hydrogen Peroxide is manufactured in accordance with all pharmaceutical cGMP conditions.

Technical 35% - essentially free of inorganic metals suitable for chemical synthesis.

HTP 35% - specially formulated for aerospace equipment conditioning.

OHP 35% - specially formulated for OHP process, advanced oxidation, and activated peroxide applications

Chlorate Grade 20% - specially formulated for use in chlorate manufacture or processing.

MANUFACTURER

FMC CORPORATION
FMC Peroxygens
1735 Market Street
Philadelphia, PA 19103
(215) 299-6000 (General Information)
msdsinfo@fmc.com (Email - General Information)

FMC of Canada Ltd.
FMC Peroxygens
PG Pulp Mill Road
Prince George, BC V2N2S6
(250) 561-4200 (General Information)

EMERGENCY TELEPHONE NUMBERS

(281) 474-8750 (Plant: Pasadena, TX, US - Call Collect)
(250) 561-4221 (Plant: Prince George, BC, Canada - Call Collect)
(303) 595-9048 (Medical - U.S. - Call Collect)

For leak, fire, spill, or accident emergencies, call:
(800) 424-9300 (CHEMTREC - U.S.A.)
(613) 996-6666 (CANUTEC - Canada)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

- Clear, colorless, odorless liquid
- Oxidizer.
- Contact with combustibles may cause fire.
- Decomposes yielding oxygen that supports combustion of organic matters and can cause overpressure if confined.
- Corrosive to eyes, nose, throat, lungs and gastrointestinal tract.

POTENTIAL HEALTH EFFECTS: Corrosive to eyes, nose, throat and lungs. May cause irreversible tissue damage to the eyes including blindness. May cause skin irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Wt.%	EC No.	EC Class
Hydrogen Peroxide	7722-84-1	20 - 40	231-765-0	O, C, Xn; R5- R8-R35-R20/22
Water	7732-18-5	60 - 80	231-791-2	Not classified

4. FIRST AID MEASURES

EYES: Immediately flush with water for at least 15 minutes, lifting the upper and lower eyelids intermittently. See a medical doctor or ophthalmologist immediately.

SKIN: Wash with plenty of soap and water. Get medical attention if irritation occurs and persists.

INGESTION: Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. See a medical doctor immediately.

INHALATION: Remove to fresh air. If breathing difficulty or discomfort occurs and persists, contact a medical doctor.

NOTES TO MEDICAL DOCTOR: Hydrogen peroxide at these concentrations is a strong oxidant. Direct contact with the eye is likely to cause corneal damage especially if not washed immediately. Careful ophthalmologic evaluation is recommended and the possibility of local corticosteroid therapy should be considered. Because of the likelihood of corrosive effects on the gastrointestinal tract after ingestion, and the unlikelihood of systemic effects, attempts at evacuating the stomach via emesis induction or gastric lavage should be avoided. There is a remote possibility, however, that a nasogastric or orogastric tube may be required for the reduction of severe distension due to gas formation.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Flood with water.

FIRE / EXPLOSION HAZARDS: Product is non-combustible. On decomposition releases oxygen which may intensify fire.

FIRE FIGHTING PROCEDURES: Any tank or container surrounded by fire should be flooded with water for cooling. Wear full protective clothing and self-contained breathing apparatus.

FLAMMABLE LIMITS: Non-combustible

SENSITIVITY TO IMPACT: No data available

SENSITIVITY TO STATIC DISCHARGE: No data available

6. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: Dilute with a large volume of water and hold in a pond or diked area until hydrogen peroxide decomposes. Hydrogen peroxide may be decomposed by adding sodium metabisulfite or sodium sulfite after diluting to about 5%. Dispose according to methods outlined for waste disposal.

Combustible materials exposed to hydrogen peroxide should be immediately submerged in or rinsed with large amounts of water to ensure that all hydrogen peroxide is removed. Residual hydrogen peroxide that is allowed to dry (upon evaporation hydrogen peroxide can concentrate) on organic materials such as paper, fabrics, cotton, leather, wood or other combustibles can cause the material to ignite and result in a fire.

7. HANDLING AND STORAGE

HANDLING: Wear chemical splash-type monogoggles and full-face shield, impervious clothing, such as rubber, PVC, etc., and rubber or neoprene gloves and shoes. Avoid cotton, wool and leather. Avoid excessive heat and contamination. Contamination may cause decomposition and generation of oxygen gas which could result in high pressures and possible container rupture. Hydrogen peroxide should be stored only in vented containers and transferred only in a prescribed manner (see FMC Technical Bulletins). Never return unused hydrogen peroxide to original container, empty drums should be triple rinsed with water before discarding. Utensils used for handling hydrogen peroxide should only be made of glass, stainless steel, aluminum or plastic.

STORAGE: Store drums in cool areas out of direct sunlight and away from combustibles. For bulk storage refer to FMC Technical Bulletins.

COMMENTS: VENTILATION: Provide mechanical general and/or local exhaust ventilation to prevent release of vapor or mist into the work environment.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

Chemical Name	ACGIH	OSHA	Supplier
Hydrogen Peroxide	1 ppm (TWA)	1 ppm (PEL) 1.4 mg/m^3 (PEL)	

ENGINEERING CONTROLS: Ventilation should be provided to minimize the release of hydrogen peroxide vapors and mists into the work environment. Spills should be minimized or confined immediately to prevent release into the work area. Remove contaminated clothing immediately and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Use chemical splash-type monogoggles and a full-face shield made of polycarbonate, acetate, polycarbonate/acetate, PETG or thermoplastic.

RESPIRATORY: If concentrations in excess of 10 ppm are expected, use NIOSH/DHHS approved self-contained breathing apparatus (SCBA), or other approved atmospheric-supplied respirator (ASR) equipment (e.g., a full-face airline respirator (ALR)). DO NOT use any form of air-purifying respirator (APR) or filtering facepiece (AKA dust mask), especially those containing oxidizable sorbants such as activated carbon.

PROTECTIVE CLOTHING: For body protection wear impervious clothing such as an approved splash protective suit made of SBR Rubber, PVC (PVC Outershell w/Polyester Substrate), Gore-Tex (Polyester trilaminate w/Gore-Tex), or a specialized HAZMAT Splash or Protective Suite (Level A, B, or C). For foot protection, wear approved boots made of NBR, PVC, Polyurethane, or neoprene. Overboots made of Latex or PVC, as well as firefighter boots or specialized HAZMAT boots are also permitted. DO NOT wear any form of boot or overboots made of nylon or nylon blends. DO NOT use cotton, wool or leather, as these materials react RAPIDLY with higher concentrations of hydrogen peroxide. Completely submerge hydrogen peroxide contaminated clothing or other materials in water prior to drying. Residual hydrogen peroxide, if allowed to dry on materials such as paper, fabrics, cotton, leather, wood or other combustibles can cause the material to ignite and result in a fire.

GLOVES: For hand protection, wear approved gloves made of nitrile, PVC, or neoprene. DO NOT use cotton, wool or leather for these materials react RAPIDLY with higher concentrations of hydrogen peroxide. Thoroughly rinse the outside of gloves with water prior to removal. Inspect regularly for leaks.

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9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR:	Odorless
APPEARANCE:	Clear, colorless liquid
AUTOIGNITION TEMPERATURE:	Non-combustible
BOILING POINT:	103ºC/218ºF (20%); 107ºC/225ºF (31%); 108ºC/226ºF (35%)
COEFFICIENT OF OIL / WATER:	Not available
DENSITY / WEIGHT PER VOLUME:	Not available
EVAPORATION RATE:	> 1 (Butyl Acetate = 1)
FLASH POINT:	Non-combustible
FREEZING POINT:	-15ºC/6ºF (20%); -26ºC/-15ºF (31%); -33ºC/-27ºF (35%)
ODOR THRESHOLD:	Not available
OXIDIZING PROPERTIES:	Strong oxidizer
PERCENT VOLATILE:	100
pH:	<= 3.7 5.0 - 6.0 @ 25 °C (1% solution)
SOLUBILITY IN WATER:	100 %
SPECIFIC GRAVITY:	1.07 @ 20ºC/4ºC (20%); 1.11 @ 20ºC/4ºC (31%); 1.13 @ 20ºC/4ºC (35%)
VAPOR DENSITY:	(Air = 1): Not available
VAPOR PRESSURE:	28 mmHg @ 30ºC (20%); 24 mmHg @ 30ºC (31%); 23 mmHg @ 30ºC (35%)

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:	Excessive heat or contamination could cause product to become unstable.
STABILITY:	Stable (heat and contamination could cause decomposition)
POLYMERIZATION:	Will not occur
INCOMPATIBLE MATERIALS:	Reducing agents, wood, paper and other combustibles, iron and other heavy metals, copper alloys and caustic.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxygen which supports combustion.

COMMENTS: Materials to Avoid : Dirt, organics, cyanides and combustibles such as wood, paper, oils, etc.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: 35% hydrogen peroxide: Extremely irritating/corrosive (rabbit) [FMC Study Number: I83-748]

SKIN EFFECTS: 35% hydrogen peroxide: Mildly irritating after 4-hour exposure (rabbit) [FMC Study Number: I83-747]

DERMAL LD_{50}: 35% hydrogen peroxide: > 2,000 mg/kg (rabbit) [FMC Study Number: I83-746]

ORAL LD_{50}: 35% hydrogen peroxide: 1,193 mg/kg (rat) [FMC Study Number: I83-745]

INHALATION LC_{50}: 50% hydrogen peroxide: > 0.17 mg/l (rat) [FMC Study Number: I89-1080]

TARGET ORGANS: Eyes, nose, throat and lungs

ACUTE EFFECTS FROM OVEREXPOSURE: Extremely irritating/corrosive to eyes and gastrointestinal tract. May cause irreversible tissue damage to the eyes including blindness. Inhalation of mist or vapors may be severely irritating to nose, throat and lungs. May cause skin irritation.

CHRONIC EFFECTS FROM OVEREXPOSURE: The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of hydrogen peroxide in humans, but limited evidence in experimental animals (Group 3 - not classifiable as to its carcinogenicity to humans). The American Conference of Governmental Industrial Hygienists (ACGIH) has concluded that hydrogen peroxide is a 'Confirmed Animal Carcinogen with Unknown Relevance to Humans' (A3).

CARCINOGENICITY:

Chemical Name	IARC	NTP	OSHA	Other
Hydrogen Peroxide	Not listed	Not listed	Not listed	(ACGIH) Listed (A3, Animal Carcinogen)

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Channel catfish 96-hour LC_{50} = 37.4 mg/L
Fathead minnow 96-hour LC_{50} = 16.4 mg/L
Daphnia magna 24-hour EC_{50} = 7.7 mg/L
Daphnia pulex 48-hour LC_{50} = 2.4 mg/L
Freshwater snail 96-hour LC_{50} = 17.7 mg/L
For more information refer to ECETOC "Joint Assessment of Commodity Chemicals No. 22, Hydrogen Peroxide." ISSN-0773-6339, January 1993

CHEMICAL FATE INFORMATION: Hydrogen peroxide in the aquatic environment is subject to various reduction or oxidation processes and decomposes into water and oxygen. Hydrogen peroxide half-life in freshwater ranged from 8 hours to 20 days, in air from 10-20 hrs. and in soils from minutes to hours depending upon microbiological activity and metal contaminants.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: An acceptable method of disposal is to dilute with a large amount of water and allow the hydrogen peroxide to decompose followed by discharge into a suitable treatment system in accordance with all regulatory agencies. The appropriate regulatory agencies should be contacted prior to disposal.

14. TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT)

PROPER SHIPPING NAME:	Hydrogen peroxide, aqueous solutions with not less than 20% but not more than 40% hydrogen peroxide
PRIMARY HAZARD CLASS / DIVISION:	5.1 (Oxidizer)
UN/NA NUMBER:	UN 2014
PACKING GROUP:	II
LABEL(S):	Oxidizer, Corrosive
PLACARD(S):	5.1 (Oxidizer)

ADDITIONAL INFORMATION:

DOT Marking: Hydrogen Peroxide, aqueous solution with not less than 20%, but not more than 40% Hydrogen Peroxide, UN 2014

Hazardous Substance/RQ: Not applicable

49 STCC Number: 4918775

DOT Spec: stainless steel/high purity aluminum cargo tanks and rail cars. UN Spec: HDPE drums. Contact FMC for specific details.

INTERNATIONAL MARITIME DANGEROUS GOODS (IMDG)

PROPER SHIPPING NAME: Hydrogen peroxide, aqueous solutions with not less than 20%, but not more than 60% hydrogen peroxide.

INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO) / INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)

PROPER SHIPPING NAME: Hydrogen peroxide, aqueous solutions with not less than 20%, but not more than 40% hydrogen peroxide (*).

OTHER INFORMATION:

(*) Air regulations permit shipment of Hydrogen Peroxide (20 - 40%) in non-vented containers for Air Cargo Only aircraft, as well as for Passenger and Cargo aircraft. HOWEVER, all FMC Hydrogen Peroxide containers are vented and therefore, air shipments of FMC H_20_2 is not permitted. IATA air regulations state that venting of packages containing oxidizing substances is not permitted for air transport.

Protect from physical damage. Keep drums in upright position. Drums should not be stacked in transit. Do not store drum on wooden pallets.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355, APPENDIX A):
Not listed

SECTION 311 HAZARD CATEGORIES (40 CFR 370):
Fire Hazard, Immediate (Acute) Health Hazard

SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR 370):

The Threshold Planning Quantity (TPQ) for this product, if treated as a mixture, is 10,000 lbs; however, this product contains the following ingredients with a TPQ of less than 10,000 lbs.: None, (conc. <52%)

SECTION 313 REPORTABLE INGREDIENTS (40 CFR 372):

Not listed

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT)

CERCLA DESIGNATION & REPORTABLE QUANTITIES (RQ) (40 CFR 302.4):

Unlisted (Hydrogen Peroxide 20-40%); RQ = 100 lbs.; Ignitability, Corrosivity

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA INVENTORY STATUS (40 CFR 710):

Listed

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA)

RCRA IDENTIFICATION OF HAZARDOUS WASTE (40 CFR 261):

Waste Number: D001, D002

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Hazard Classification / Division:	C E D2B
Product Identification Number:	2014
Ingredient Disclosure List:	Listed
Domestic Substance List:	All components listed

INTERNATIONAL LISTINGS

Hydrogen peroxide:

China: Listed
Japan (ENCS): (1)-419
Korea: KE-20204
Philippines (PICCS): Listed

HAZARD AND RISK PHRASE DESCRIPTIONS:

EC Symbols: O (Oxidizer)

	C	(Corrosive)
	Xn	(Harmful)
EC Risk Phrases:	R5	(Heating may cause an explosion.)
	R8	(Contact with combustible material may cause fire)
	R35	(Causes severe burns.)
	R20/22	(Harmful by inhalation and if swallowed.)

16. OTHER INFORMATION

HMIS

Health	3
Flammability	0
Physical Hazard	1
Personal Protection (PPE)	H

Protection = H (Safety goggles, gloves, apron, the use of a supplied air or SCBA respirator is required in lieu of a vapor cartridge respirator)

HMIS = Hazardous Materials Identification System

Degree of Hazard Code:
4 = Severe
3 = Serious
2 = Moderate
1 = Slight
0 = Minimal

NFPA

Health	3
Flammability	0
Reactivity	1
Special	OX

SPECIAL = OX (Oxidizer)

NFPA (National Fire Protection Association)

Degree of Hazard Code:
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

REVISION SUMMARY:
This MSDS replaces Revision #10, dated April 27, 2006.

Changes in information are as follows:
Section 1 (Product and Company Identification)
Section 3 (Composition / Information on Ingredients)
Section 15 (Regulatory Information)
Section 16 (Other Information)

Durox, Oxypure, Super D and FMC Logo - FMC Trademarks

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APPENDIX 7
REGENESIS CORRESPONDENCE RELATED TO ESCO

Manafort Brothers INCORPORATED

May 19, 2010

Mr. Alfred Kovalik
GeoDesign, Inc.
984 Southford Road
Middlebury, CT 06762

Correspondence NR-001

RE: Parcel C-South
Soil & Groundwater Remediation
Naugatuck, CT

Dear Mr. Kovalik,

Please consider this correspondence a formal follow up to our telephone conversation earlier today. As discussed, Manafort Brothers Incorporated (MBI) and Regenesis sampled three of the existing on-site piles for analysis by Microvision Laboratories. The three samples were analyzed to determine if there are any underlying constituents directly impacting the soil oxidation. The results of the analysis found Coal, Coal Ash, Wood Ash, and Tar in the soil. A copy of the report has been attached for your review and record.

Currently, Regenesis has a sample undergoing further treatment studies to determine if the underlying constituents can be further treated by oxidation methods. Our current schedule has the sample incubating for the duration of this week. Once incubation is complete we will submit a sample for analytical testing. Upon receipt of the test results our team can meet and discuss the project strategy.

During this testing and experimentation process, MBI is requesting a temporary halt our contract calendar day count. During this time frame, we can accurately determine the most effective means of project completion.

I trust this information meets your approval. Should you have any further questions or comments, please do not hesitate to contact me.

Sincerely,
Manafort Brothers Incorporated

Jesse A. Garuti

Enclosure

CC: Justin A. Manafort Sr.
James Stewart, Naugatuck
Maureen Dooley, Regenesis

414 New Britain Avenue
P.O. Box 99, Plainville, CT 06062
(860) 229-4853
Hartford (860) 527-3440
Fax (860) 747-4861 – Engineering
(860) 747-5299 – Executive Offices

An Equal Opportunity Employer M/F/H/V
Affirmative Action Equal Opportunity Employer

5/18/2010

MICROVISION
LABORATORIES, INC.

Regenesis
1011 Calle Sombra
San Clemente, CA 92672
Attn: Dave Peterson

PO# 4199
Project Name: City of Naugatuck
Job #: 3371

Dear Dave:

This report covers the methods and findings of the Coal/Coal Ash analysis that MicroVision Laboratories, Inc. conducted on the three (3) soil samples which you submitted for this testing from your PO# 4199. The purpose of this analysis was to detect and document any coal, coal ash or wood ash that may be present in the submitted soil samples by use of a combination of microscopy tests including SEM/EDS, PLM, and macroscopic inspection.

Methods:

The samples were dried and examined by eye and under the stereomicroscope for any suspect dark components to the soil. Dark suspect particles were separated from the soil samples and prepared for examination by Polarized Light Microscopy (PLM) and Scanning Electron Microscopy with Energy Dispersive X-Ray Spectroscopy (SEM/EDS).

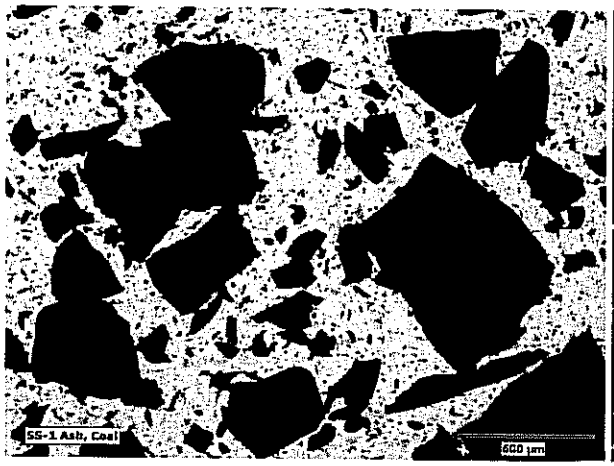
For the PLM examination, the suspect particle types detected in the samples were ground in a mortar and pestle, mounted on glass slides in immersion oil (n=1.515) and covered with glass cover slips. These samples were then examined with the PLM at various magnifications and digital images were taken.

For the SEM examination the suspect particle types were mounted on an aluminum analysis stub with double sided adhesive tape, coated with evaporated graphite and examined under the SEM by EDS to obtain elemental data in the form of EDS spectra. Digital images were taken of the samples at various magnifications with the SEM.

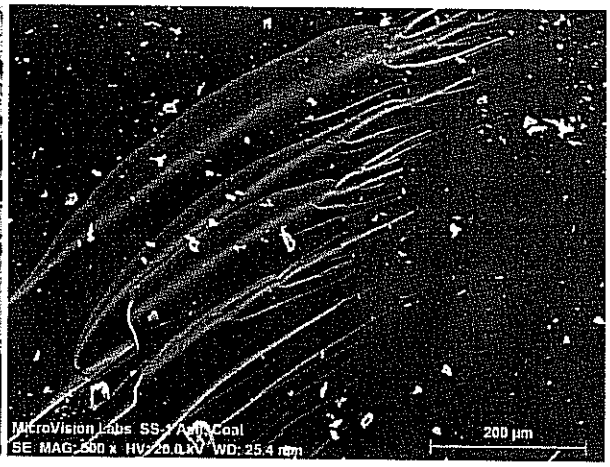
Findings:

Sample SS-1 Ash

The soil in this sample was a light brown color and contained three (3) suspect particle types. Particle type 1 consisted of eleven (11) smooth, black grains approximately 1mm-15mm in diameter. The PLM examination indicated this particle type to be consistent with coal. The PLM and SEM images of this particle type show the angular edges and typical conchoidal fractures found in coal.



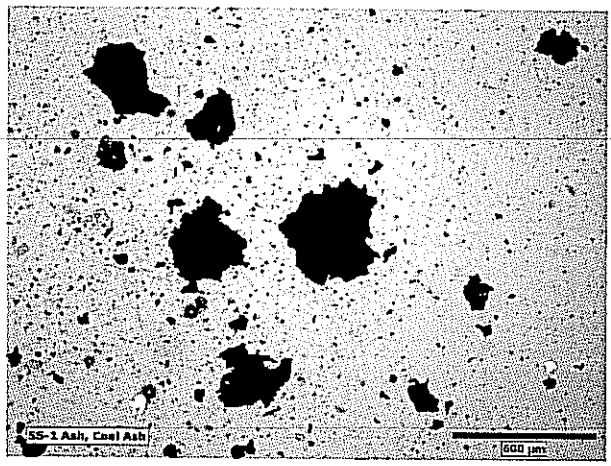
Sample: SS-1 Ash, Coal
PLM Image



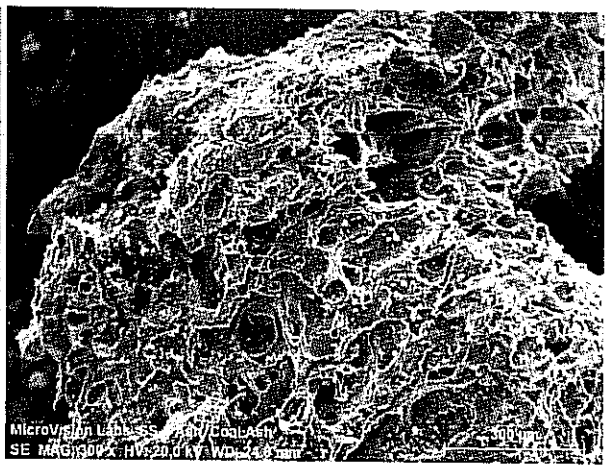
Sample: SS-1 Ash, Coal
SEM Image

The EDS spectrum for this particle shows a strong peak concentration of carbon, with lower peak concentrations of oxygen, and sulfur. See Appendix A for the average composition EDS spectra of the coal detected in this sample.

Particle type 2 consisted of five (5) dark, porous, irregularly shaped grains approximately 1mm-4mm in diameter. The PLM examination indicated this particle type to be consistent with coal ash. The PLM and SEM images show the spherical gas voids that formed during combustion.



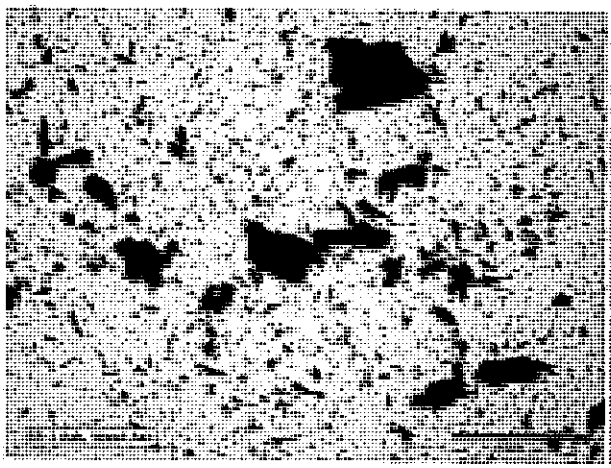
Sample: SS-1 Ash, Coal Ash
PLM Image



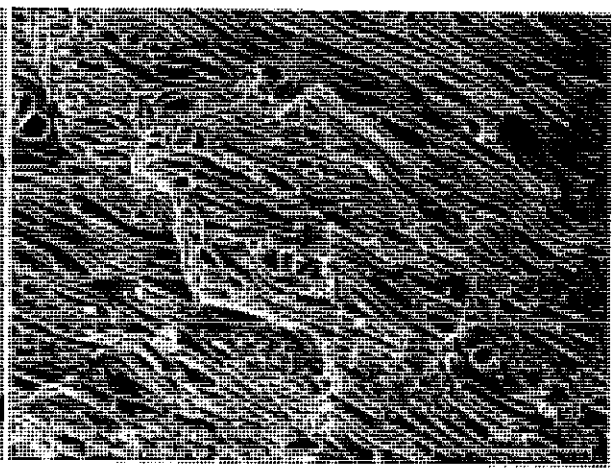
Sample: SS-1 Ash, Coal Ash
SEM Image

The EDS spectrum for this particle type shows strong to moderate peak concentrations of carbon, oxygen, aluminum and silicon, with lower peak concentrations of magnesium, sulfur, potassium, calcium and iron. See Appendix B for the average composition EDS spectra of this particle type.

Particle Type 3 consisted of three (3) black, friable grains approximately 3mm-5mm in length. The PLM examination indicated this particle type to be consistent with wood ash. The PLM and SEM images show the cellular structure typical of wood still present in these grains.



Sample: SS-1 Ash, Wood Ash
PLM Image

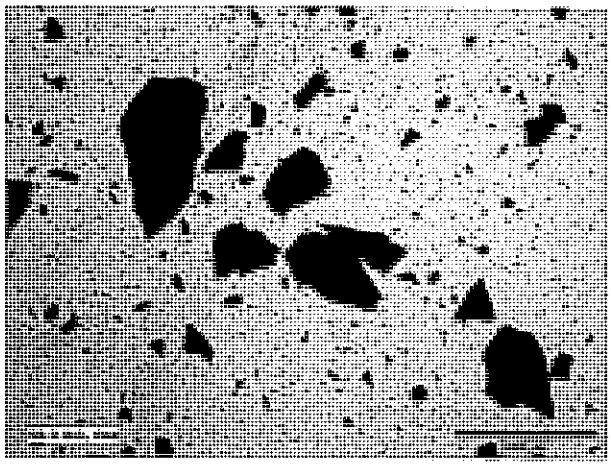


Sample: SS-1 Ash, Wood Ash
SEM Image

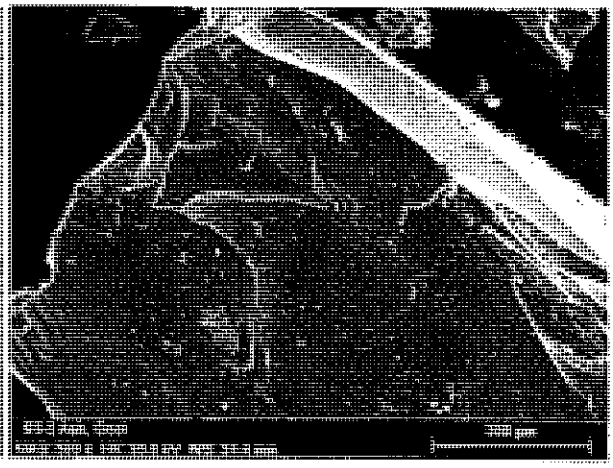
The EDS spectrum for this particle type shows strong to moderate peak concentrations of carbon, oxygen, and calcium, with lower peak concentrations of sodium, magnesium, aluminum and silicon. See Appendix C for the average composition EDS spectra of the coal ash detected in this sample.

Sample SS-2 Ash

The soil in this sample was a brown color and contained three (3) suspect particle types. Particle type 1 consisted of eleven (11) shiny, dark grains approximately 1mm-10mm in diameter. The PLM examination indicated this particle type to be consistent with coal. The PLM and SEM images of this particle type show the angular edges and typical conchoidal fractures found in coal



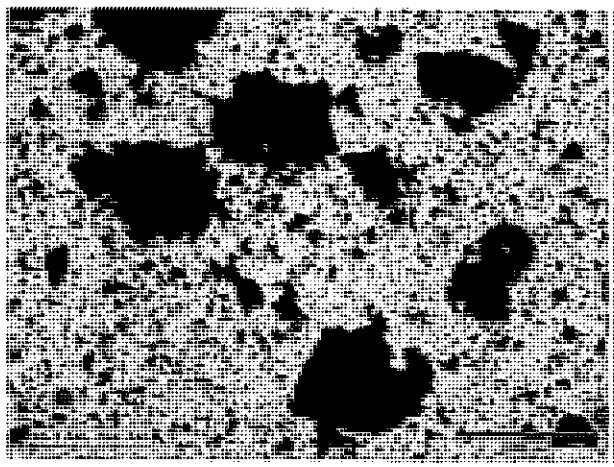
Sample: SS-2 Ash, Coal
PLM Image



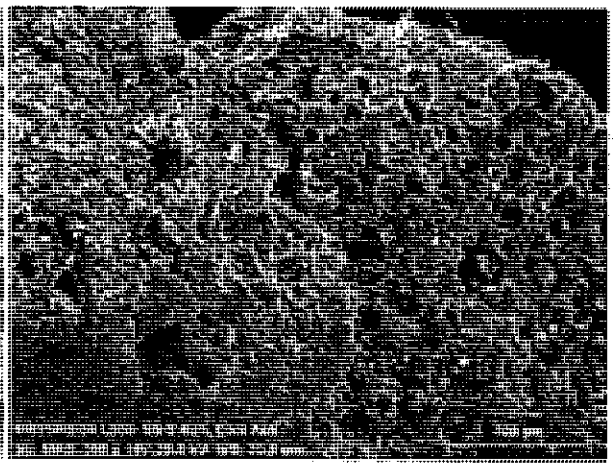
Sample: SS-2 Ash, Coal
SEM Image

The EDS spectrum for this particle shows a strong peak concentration of carbon, with lower peak concentrations of oxygen, aluminum, silicon and sulfur. See Appendix D for the average composition EDS spectra of the coal detected in this sample.

Particle type 2 consisted of seven (7) dark, porous, grains approximately 1mm-3mm in diameter. The PLM examination indicated this particle type to be consistent with coal ash. The PLM and SEM images show the spherical gas voids that formed during combustion.



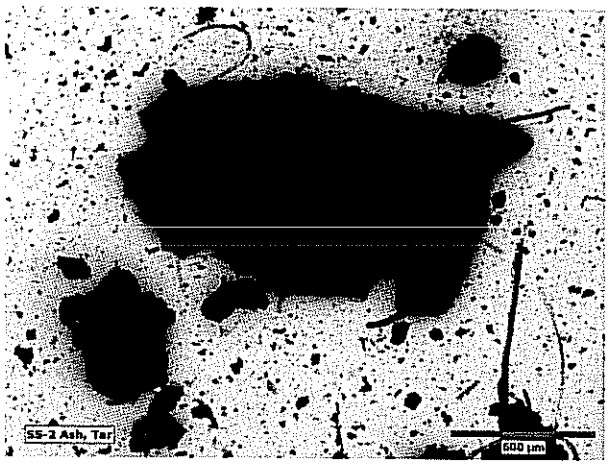
Sample: SS-2 Ash, Coal Ash
PLM Image



Sample: SS-2 Ash, Coal Ash
SEM Image

The EDS spectrum for this particle type shows strong to moderate peak concentrations of carbon, oxygen, aluminum and silicon, with lower peak concentrations of sulfur, calcium, and iron. See Appendix E for the average composition EDS spectra of this particle type.

Particle type 3 consisted of two (2) ductile, dark, fibrous grains approximately 2mm-3mm in diameter. During the PLM examination this particle slowly dissolved in the mounting oil which is a typical characteristic of tar. The PLM image shows the dissolving tar particles and embedded fibers, and the SEM image illustrates the morphology of the tar with the embedded fibers.



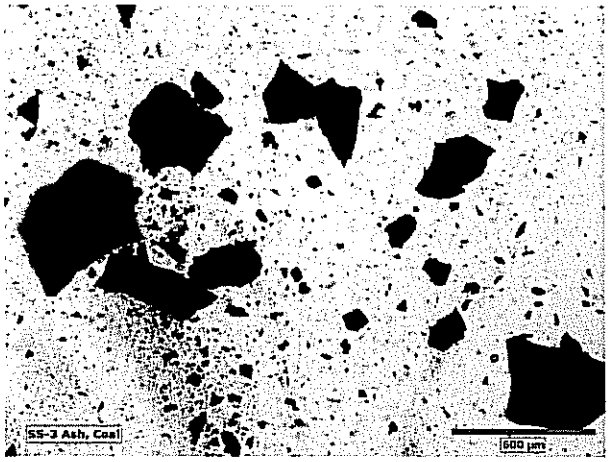
Sample: SS-2 Ash, Tar
PLM Image

Sample: SS-2 Ash, Tar
SEM Image

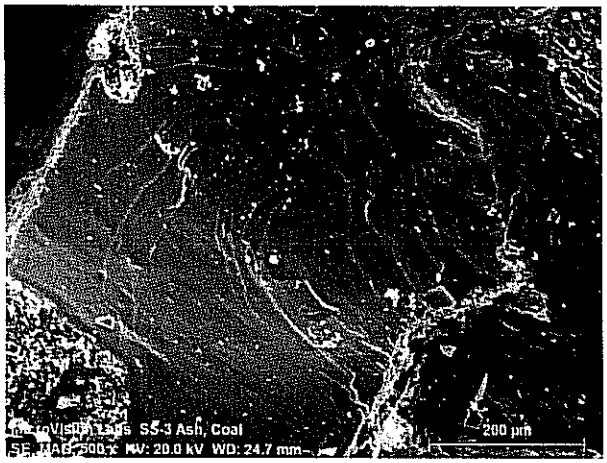
The EDS spectrum for this particle type shows peak concentrations of carbon, oxygen, silicon, and sulfur. See Appendix F for the average composition EDS spectra of the tar paper detected in this sample.

Sample SS-3 Ash

The soil in this sample was a brown color and contained two (2) suspect particle types. Particle type 1 consisted of nine (9) smooth, dark grains approximately 1mm-5mm in diameter. The PLM examination indicated this particle type to be consistent with coal. The PLM and SEM images of this particle type show the angular edges and typical conchoidal fractures found in coal.



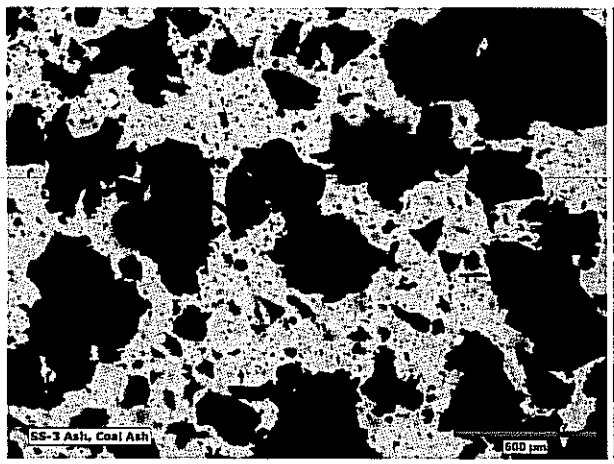
Sample: SS-3 Ash, Coal
PLM Image



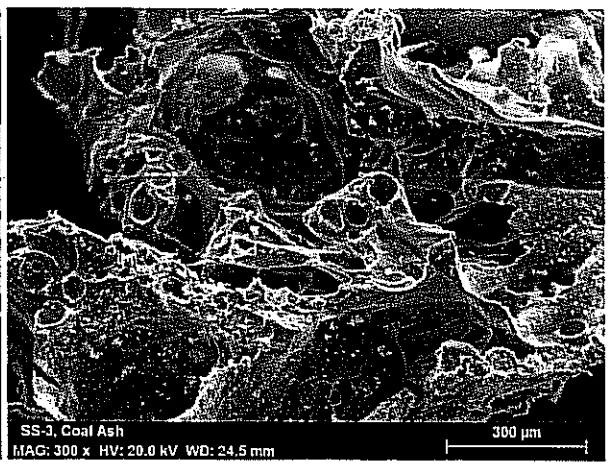
Sample: SS-3 Ash, Coal
SEM Image

The EDS spectrum for this particle shows peak concentrations of carbon, oxygen, and sulfur. See Appendix G for the average composition EDS spectra of the coal detected in this sample.

Particle type 2 consisted of three (3) porous, irregularly shaped grains approximately 1mm-15mm in diameter. The PLM examination indicated this particle type to be consistent with coal ash. The PLM and SEM images show the spherical gas voids that formed during combustion.



Sample: SS-3 Ash, Coal Ash
PLM Image



Sample: SS-3 Ash, Coal Ash
SEM Image

The EDS spectrum for this particle type shows strong to moderate peak concentrations of carbon, oxygen, aluminum, silicon, and sulfur, with lower peak concentrations of calcium, and iron. See Appendix H for the average composition EDS spectra of this particle type.

Results Summary Table:

Sample Name	Material Detected
SS-1 Ash	Coal (moderate), Coal Ash (light), Wood Ash (light)
SS-2 Ash	Coal (moderate), Coal Ash (light), Tar (trace)
SS-3 Ash	Coal (light), Coal Ash (light)

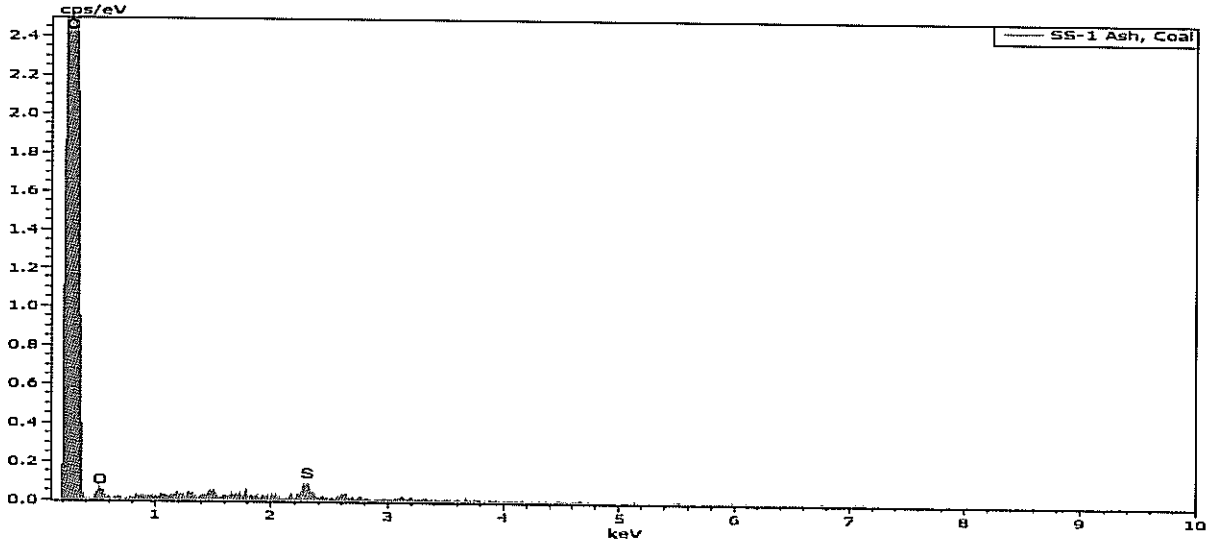
Samples SS-2 Ash, and SS-3 Ash appeared to contain small, clear, pieces of a polymer material approximately 1mm-4mm in length. The amount of this polymer material could loosely be categorized as 'light' for both samples SS-2 Ash, and SS-3 Ash.

The concentrations of the particle types detected in these samples are listed in parenthesis in the table above and are based on the number of particles found and the relative difficultly in finding them. The concentration information is listed for informational purposes only and has no bearing on exemption status. Please let me know if you have any questions about this analysis or if there is anything else I can do for you.

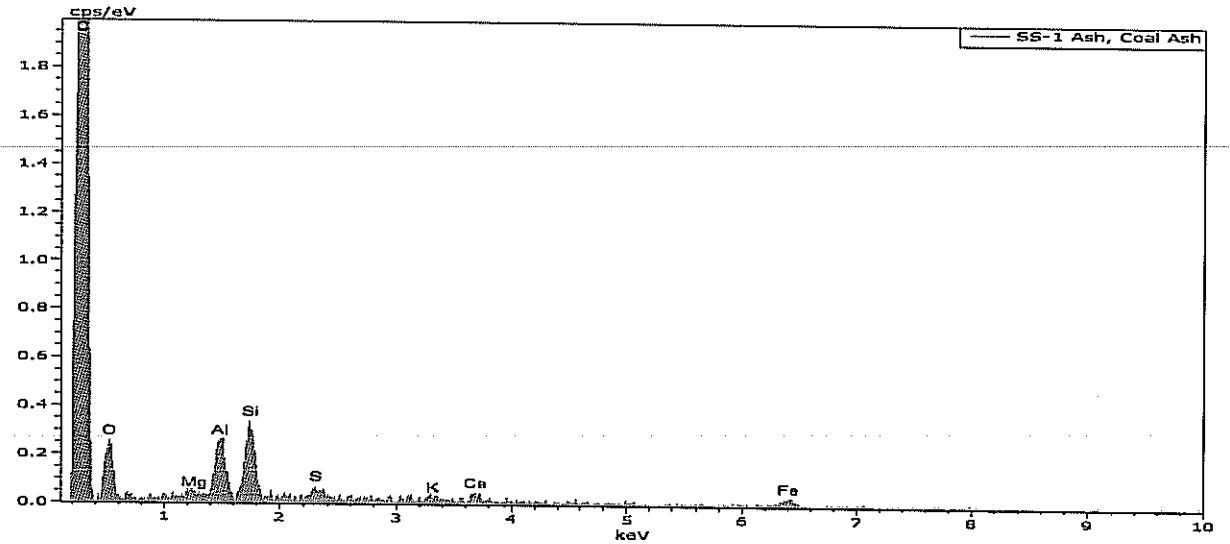
Sincerely,

Denise Weidler
Microscopist

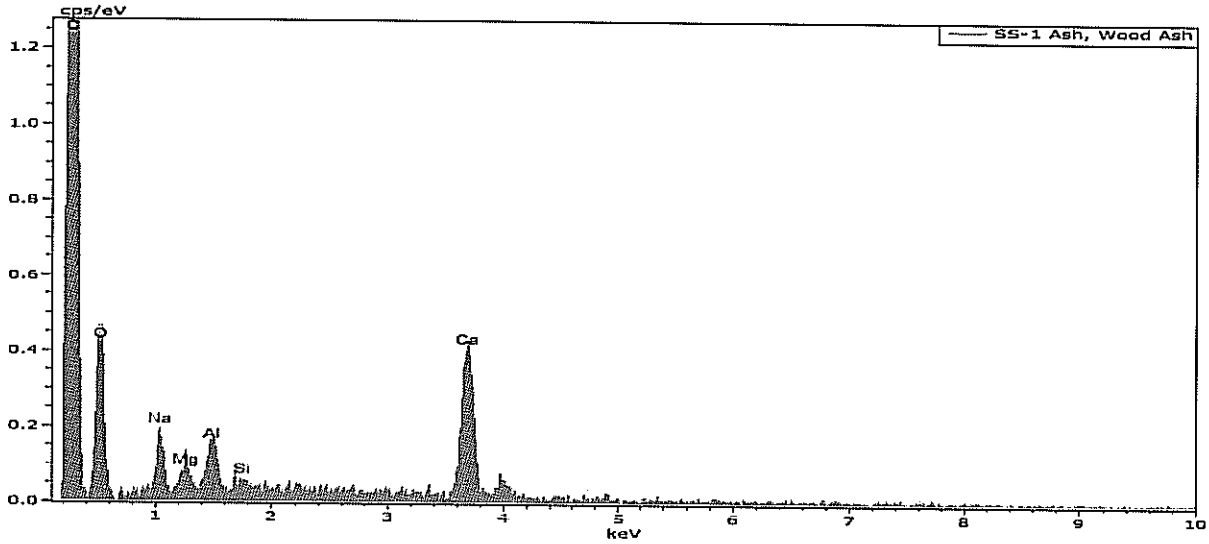
Jared Kelly
Microscopist



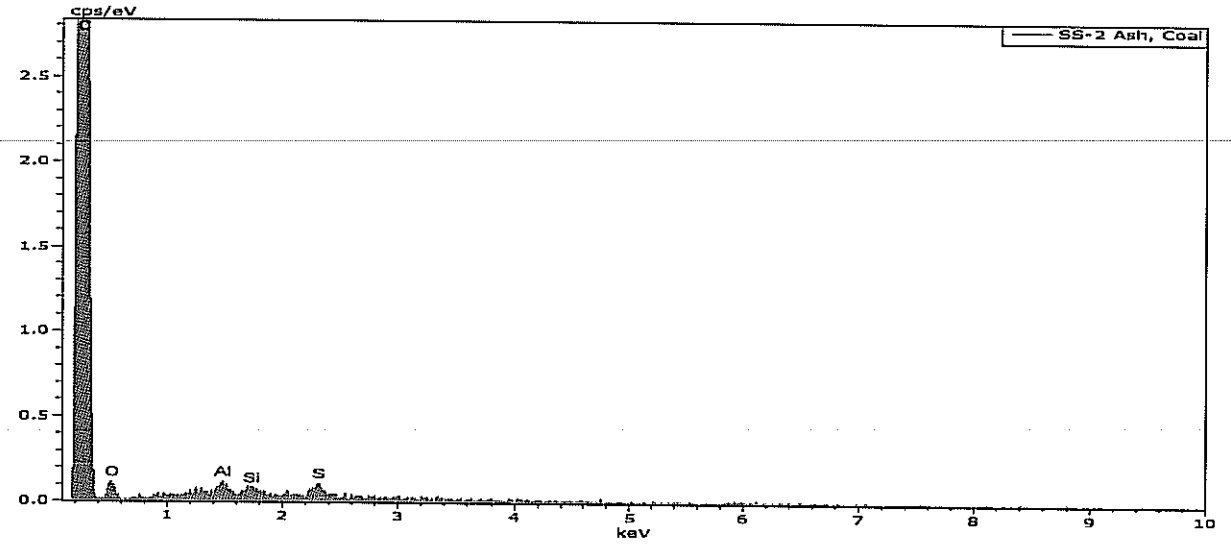
Appendix A, EDS Spectrum
Sample: SS-1 Ash, Coal



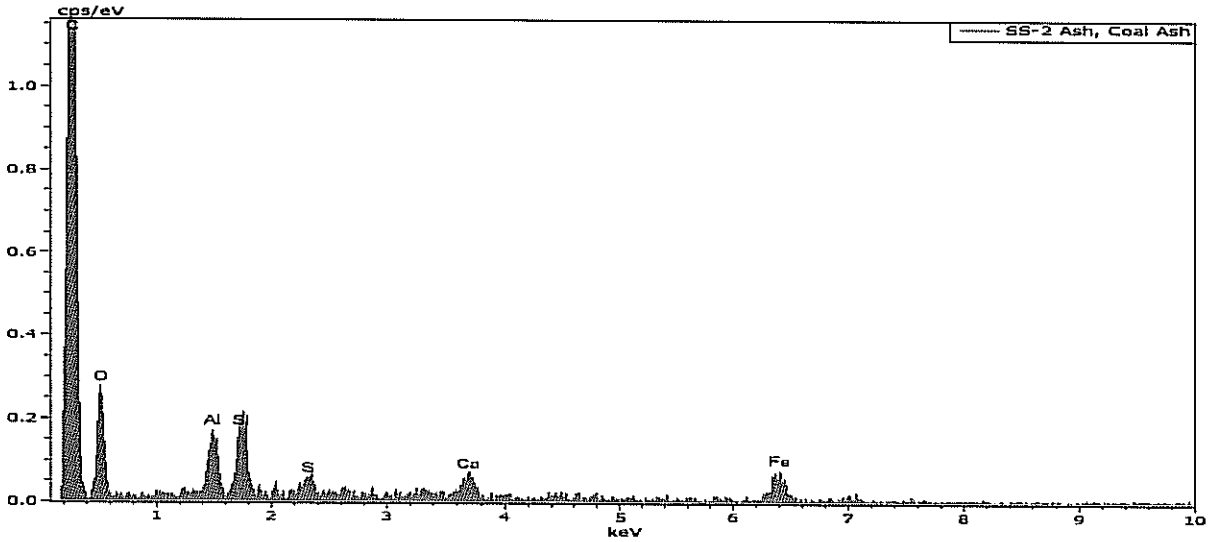
Appendix B, EDS Spectrum
Sample: SS-1 Ash, Coal Ash



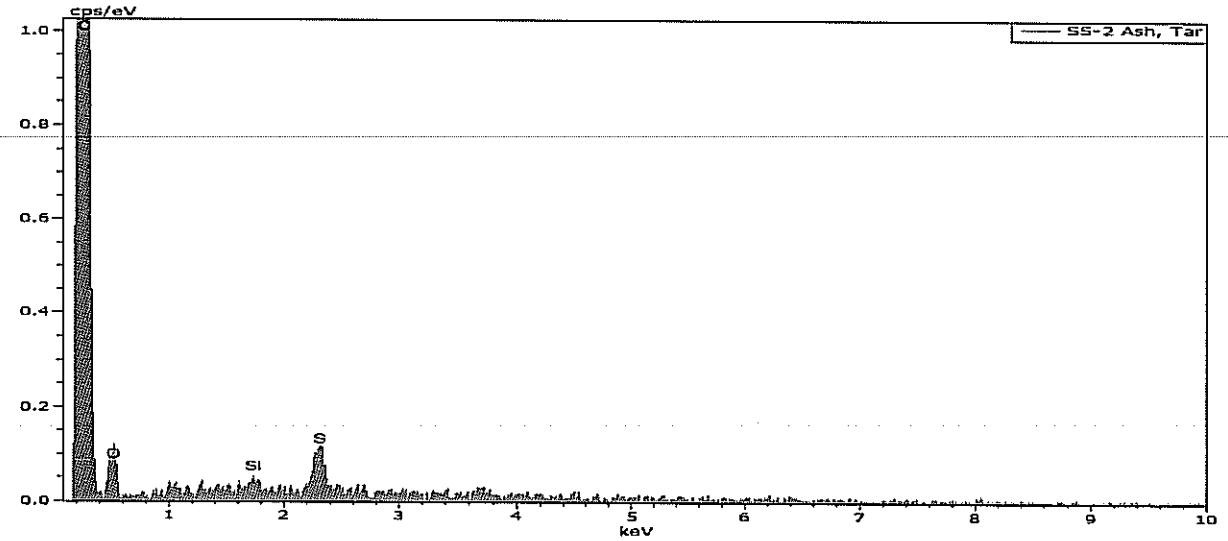
Appendix C, EDS Spectrum
Sample: SS-1 Ash, Wood Ash



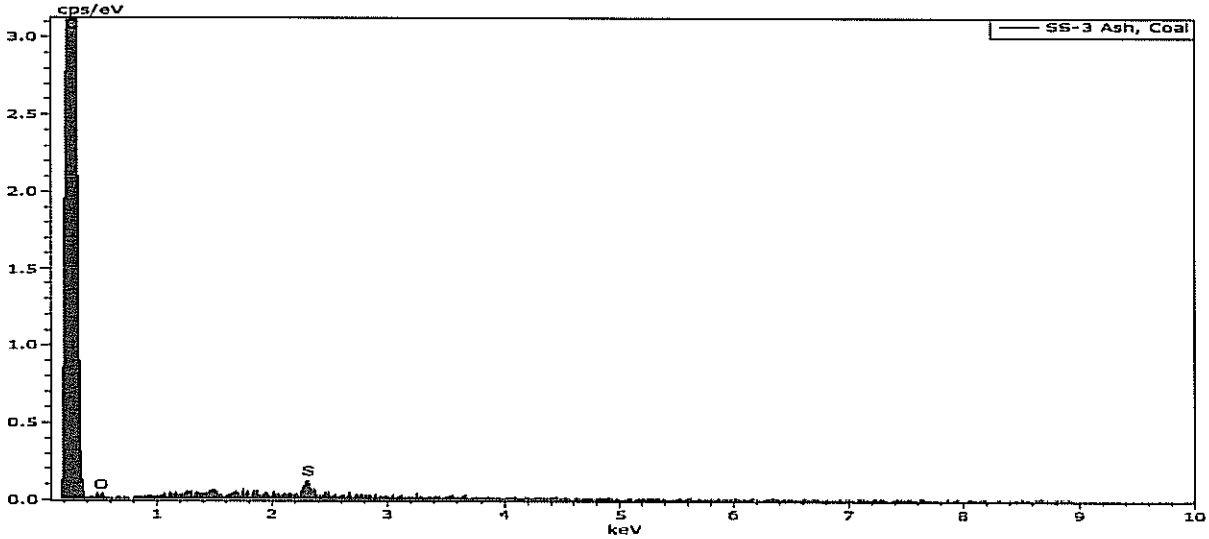
Appendix D, EDS Spectrum
Sample: SS-2 Ash, Coal



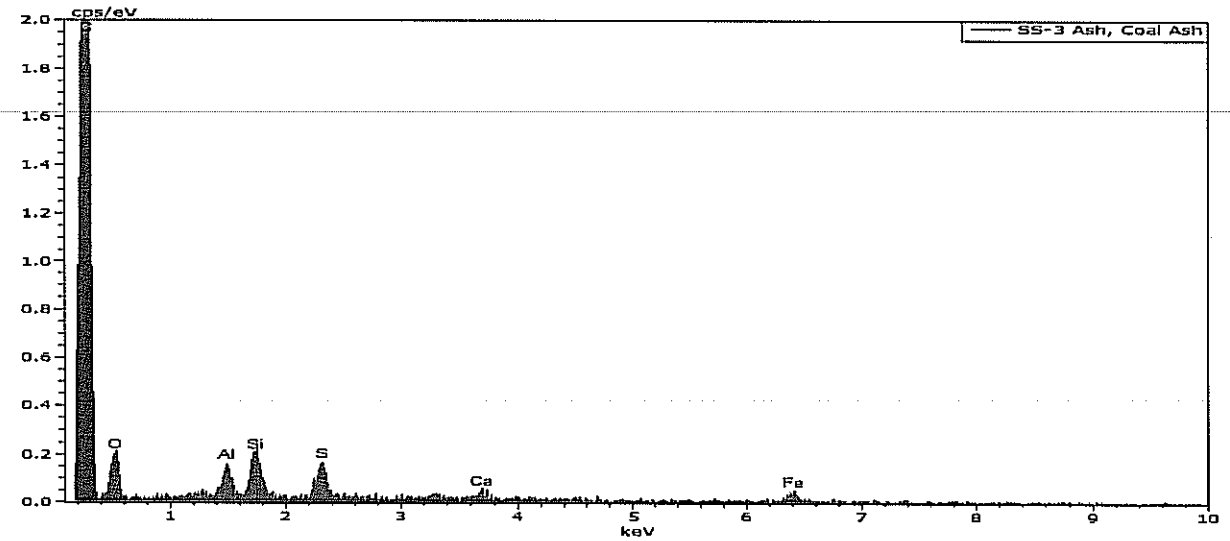
Appendix E, EDS Spectrum
Sample: SS-2 Ash, Coal Ash



Appendix F, EDS Spectrum
Sample: SS-2 Ash, Tar



Appendix G, EDS Spectrum
Sample: SS-3 Ash, Coal



Appendix H, EDS Spectrum
Sample: SS-3 Ash, Coal Ash

Dave P cell - 714-814-0857

PO# 4199

MICROVISION LABORATORIES, INC.

187 Billerica Road, Chelmsford, MA 01824
Phone: (978) 250-9909 Fax: (978) 250-9901

Chain Of Custody

Date Rec'd in Lab:

MicroVision Labs Job#: 3371

Client Information

Client: Regenesis
Address: 1011 Calle Sombra
San Clemente CA 92672
Phone: 949.366.8000
Fax: 949.366.8001
Email: dpeterson@regenesis.com

Project Information

Project Name: City of Naugatuck
Fmr. Uniroyal
Project Location: Naugatuck
Project #: PO No. 4199/1744
Project Manager: Dave Peterson

	Sample ID	Collected	Matrix	Sampler's Initials	Analyses: Coal Ash Test	SEM/EDS (see instructions)	Dust ID	Particle Size Analysis			
1)	SS-1 Ash	5-14-10 9:30 Am	soil	BB	x						
2)	SS-2 Ash	5-14-10 9:55 Am	soil	BB	x						
3)	SS-3 Ash	5-14-10 9:20 Am	soil	BB	x						
4)											
5)											
6)											
7)											
8)											
9)											
10)											
11)											
12)											

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	5-14-10/12:00	[illegible]	5-14-10 12:00
[illegible]	5-14-10/1:40	[illegible]	5/14/10

Turn Around Time/Notes:

72 Day TAT's for all samples; Note presence of rubber in any samples; est. quantity or relative abundance if possible

EMAIL COPY OF REPORT TO
LSA @ WJFEC.com
LLACROIX@WJFEC

5/18/2010

MicroVision Laboratories, Inc. 187 Billerica Road, Chelmsford, MA 01824
Phone: (978) 250-9909 Fax: (978) 250-9901 Email: Sales@MicroVisionLabs.com
www.MicroVisionLabs.com

REGENESIS

Memorandum

To: Tim Carr, GeoDesign; Jesse Garuti, Manafort Brothers
From: Maureen Dooley
Date: April 6, 2011
Re: Summary Naugatuck Parcel C Activities

Regenesis was contracted by Manafort to supply In Situ Chemical oxidation (ISCO) materials to treat PAHs and TPH associated with soil at the Parcel C site located in Naugatuck, CT. The ISCO program chosen for the project was based on an alkaline Fenton's chemistry that included RegenOx oxidant and activator plus hydrogen peroxide. RegenOx has been successfully applied at numerous sites with TPH and PAH contamination.

A soil sample was supplied to Regenesis prior to the proposal submittal for testing, however the sample did not contain and detectable ETPH and very low levels of PAH. The concentrations were too low for typical bench scale testing. The soil natural oxidant demand was evaluated and determined not to be a soil with a low to moderate oxidant demand. A specific work plan or test requirements were not provided and this task was unfunded.

Regenesis made a presentation to the Town of Naugatuck in January 2008 and as part of the presentation made clear that RegenOx can be used to address petroleum related TPG/aromatic contamination and not contamination associated with ash and cinders. This was reiterated at other times during the workplan preparation process.

The field scale activities were initiated in April 2010 and results showed that the PAH levels were not being reduced to acceptable levels (<1mg/kg) for several PAH compounds.

Soil samples were collected and a series of tests conducted. The summary of these tests are summarized in the Treatability Testing Memorandum dated June 29, 2010. The tests showed the presence of coal fragments and ash suggesting coal combustion products were the primary source of PAHs at this part of the site. The bench scale testing showed that an alkaline Fenton's ISCO process (RegenOx) and one supplemented with a surfactant could not be used to reduce the concentrations of PAHs in soil from this part of the site. Additional research did not turn up any references of ISCO being used to remediate PAHs associated with coal or wood combustion.

The remediation plan was modified; however there was another part of the site that did not appear to have as much "coal/ash" so another set of bench tests was conducted to evaluate the feasibility of using RegenOx to reduce the contamination in this sector. Although some of the soil tested was already below RSR standards, the concentrations of PAHs were reduced by at

19 Belmont Road~ Wakefield, MA 01880 ~ TELEPHONE: 781 245-1320 ~ FAX: 781 245-1329

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least 50% (See attached Table for results – Bench Test 3) for most if not all the compounds tested. Therefore based on these data ISCO treatment was initiated.

RegenOx was applied, and the soil treatment time was extended and the soil rewet and mixed a second time. The results showed >60% of the soil met the treatment criteria. The challenge at this site is the presence of coal and ash across and the variability making ISCO treatment difficult and overall reliable.

The overall conclusion is that it appears the primary source of PAH contamination at the site is related to coal and coal combustion and cannot be treated using ISCO. However ISCO was used to remediate PAH contamination at a portion of the site that was less impacted by the coal.

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Memorandum

To: Jesse Garuti, Manafort Brothers; David Peterson, Regenesis
From: Maureen Dooley
Date: June 29, 2010
Re: Treatability Testing Summary for Parcel C Excavated Soils, Naugatuck, CT

Two Bench tests were conducted to evaluate different treatment scenarios for the coal related PAH constituents found at the Naugatuck site/Parcel C. As a background, RegenOx has been used successfully to remediate soils contaminated with PAH and TPH constituents. Results from a bench study for a site in Alaska and results from applications of two field pilot studies at former refinery sites are attached.

The source of PAH contamination at the Naugatuck site appears to be derived from coal and coal combustion products rather than petroleum hydrocarbon sources such as fuel oil. The presence of coal fragments and ash were confirmed using microscopic analysis that was previously reported. In addition coal fragments were visible at the base of the piles after treatment and rain. As a note in the presentation Regenesis made to the City of Naugatuck in 2008, it was clearly stated that RegenOx may not be considered a viable approach for coal ,cinder and ash. The page from that presentation is attached .

The significance of the PAH source is that the PAHs are in a form that is not readily susceptible to chemical oxidation. As shown with the attached data, the chemical treatment proposed and applied at the Naugatuck site has been used successfully

A soil sample was received by Regenesis for testing prior to proposal submittal, however contaminant levels were too low to conduct any bench testing and Total Oxidant Demand testing was conducted to evaluate oxidant demand of the native soil. Regenesis was not contracted by the Town or GeoDesign to conduct any treatability testing.

The objective of the bench testing was to determine if additional incubation time, increased concentration of oxidant or the addition of a surfactant would promote greater reduction in PAH concentrations.

Test 1

An initial test was conducted using soil from Pile 1. Pile 1 had been treated two times in the field (total 12lbs/cy) and an additional dose of RegenOx (equivalent to 10lbs/cy) was applied. A second condition included the addition of sodium lauryl sulfate surfactant (SLS) (5000mg/L in pore space).

Three vessels were prepared using 1 gallon of soil and a total volume of 750ml of water/additive solution. The three conditions:

Condition 1: RegenOx

Condition 2; RegenOx + surfactant

Condition 3: Control (Water only)

A single soil sample was collected from each test vessel on Day 4 and Day 15. The initial sample result suggested a reductions in target constituents at 4 days, however the results were not confirmed at Day 15.

The results from this test are presented in Table 1.

Test 2

Untreated soil from the Parcel C site was used for the second test. 1 gallon of soil was placed in a bucket. The test conditions included:

Condition 1: RegenOx : 12lb/cy, + surfactant (SLS 500mg/L)+hydrogen peroxide (200ml 3%)
Condition 2: RegenOx: 6lbs/cy + surfactant(SLS 500mg/L)+ hydrogen peroxide (200ml 3%)
Condition 3: RegenOx 12lbs/cy + hydrogen peroxide 250ml 3%
Condition 4: RegenOx 6lbs/cy + hydrogen peroxide 250ml 3%
Condition 5: Control: 750ml water

Duplicate soil samples were collected at Day 6 and the data are presented in Table 2. The results show no significant reduction in PAH compounds in any of the test conditions.

Conclusion

The predominant source of PAH contamination is likely from the coal and coal combustion products and cannot be degraded using a Fenton's Oxidation process. If other contamination is found at other parts of the site and is related to petroleum hydrocarbons or solvents, then chemical oxidation may be considered as part of the remedial program.

Table 2
Data Summary Untreated Soil - Field samples + bench Testing
Site: Naugatuck
Date 6/28/2010
Prepared by: Maureen Dooley

			Condition 1	Condition 1-Dup	Condition 2	Condition 2-Dup	Condition 3	Condition 3 Dup	Condition 4	Condition 4 Dup	Condition 5	Condition 5 Dup
		Untreated	T=6Reg Hi+Surf A	T=6Reg Hi+Surf B	T=6Reg Lo+Surf A	T=6Reg Lo+Surf B	T=6 T Reg Hi A	T=6 T Reg Hi B	T=6 Reg Lo A	T=6 Reg Lo B	T=6 Control A	T=6 Control B
	RSR	5/17/2010	6/7/2010	6/7/2010	6/7/2010	6/7/2010	6/7/2010	6/7/2010	6/7/2010	6/7/2010	6/7/2010	6/7/2010
phenanthrene		910	1200	1200	1100	1100	720	860	590	1700	690	1100
anthracene		<338	<400	<395	<406	<400	<390	<385	<395	480	<390	<390
carbazole		<338	<400	<395	<406	<400	<390	<385	<395	<400	<390	<390
fluoranthene		2700	3300	2700	2500	2700	2100	2800	1900	5600	2000	3100
pyrene		2400	2800	2300	2100	2300	1900	2500	1600	4800	1700	2700
benzo(a)anthracene	1000	1900	1900	1500	1400	1300	1200	1500	1000	2500	1100	1600
chrysene		1700	1700	1200	1200	1300	1100	1300	950	2300	970	1500
benzo(b) fluoranthene	1000	1800	2200	1500	1500	1500	1300	1500	1200	2900	1200	1800
benzo(k)fluoranthene	8400	860	910	620	610	630	520	630	480	1200	500	730
benzo(a)pyrene	1000	1700	1900	1300	1300	1400	1100	1300	1100	2500	1100	1100
indeno 1,2,3-cd pyrene	1000	1000	1200	810	750	760	630	720	630	1300	580	790
dibenz(a,h)anthracene	1000	1000	<400	<395	<406	<400	<390	<385	<395	<400	<390	<390
benzo(g,h,i)perylene		350	1300	860	870	850	710	770	740	1400	650	870
ETPH mg/lk		180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Untreated Anaylsis of untreated soil prior to test
Condition 1: RegeOx 12lbs/cy + SLS 5000mg/L + H202 250 ml 3%
Condition 2: RegeOx lbs/cy + SLS 5000mg/L + H202 250 ml 3%
Condition 3: RegeOx 12lbs/cy + H202 250 ml 3%
Condition 4: RegeOx lbs/cy + H202 250 ml 3%
Condition 5: Control (+750ml water)

Table 2
Data Summary Bench Scale testing 3: July 2010
Site: Naugatuck
Date 8/10/2010
Prepared by: Maureen Dooley

		TP1 T=0	TP1 T=8days	TP2 T=0	TP2 T=8days	TP3 T=0	TP3 T=8days	TP4 T=0	TP4 T=8days	TP5 T=0	TP5 T=8 days
	Date Sampled	7/25/2010	8/2/2010	7/25/2010	8/2/2010	7/25/2010	8/2/2010	7/25/2010	8/2/2010	7/25/2010	8/2/2010
units ug/kg	RSR										
phenanthrene		<330	<338	1900	390	960	790	1100	440	1600	560
anthracene		<330	<338	440	<385	<349	<375	<348	<417	380	<417
carbazole		<330	<338	<349	<385		<375	<348	<417	<345	<417
fluoranthene		<330	<338	2600	390	1300	790	1600	440	2300	560
pyrene		<330	<338	2000	<385	1000	670	1300	<417	2100	480
benzo(a)anthracene	1000	<330	<338	1000	420	610	420	830	<417	1200	<417
chrysene		<330	<338	970	390	630	420	810	<417	1200	<417
benzo(b) fluoranthene	1000	<330	<338	1100		730		960	<417	1400	<417
benzo(k)fluoranthene	8400	<330	<338	500	<385	<349	<375	440	<417	640	<417
benzo(a)pyrene	1000	<330	<338	980	570	660	450	940	<417	1400	<417
indeno 1,2,3-cd pyrene	1000	<330	<338	570	<385	470	<375	640	<417	970	<417
dibenz(a,h)anthracene	1000	<330	<338	<349	<385	<349	<375	<348	<417	<345	<417
benzo(g,h,i)perylene		<330	<338	710	430	550		720		1100	
ETPH mg/kg		<55	<65	280	<65	130	<65	69	78	64	<70

Condition 1: RegeOx 6lbs/cy + + H202 250 ml 3%

APPENDIX 8
LABORATORY REPORTS ON CD-ROM

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Eggers
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report West wall 1

CET # 10120310

Report Date: December 16, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE58837	West Wall 1 5ft	Soil	12/13/2010	7:20	12/13/2010

Sample temperature upon receipt was 2.4 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	West Wall 1 5ft
CET ID	AE58837
Date Analyzed	12/14/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	West Wall 1 5ft
CET ID	AE58837
Date Analyzed	12/14/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	West Wall 1 5ft
CET ID	AE58837
Date Analyzed	12/14/2010

Closed System P&T Extraction [EPA 5035A]

Client ID	West Wall 1 5ft
CET ID	AE58837
Date Analyzed	12/15/2010

SPLP, Metals [EPA 1312]

Client ID	West Wall 1 5ft
CET ID	AE58837
Date Analyzed	12/14/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	West Wall 1 5ft
CET ID	AE58837
Date Analyzed	12/15/2010
Total Solids	92

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	West Wall 1 5ft
CET ID	AE58837
Date Analyzed	12/14/2010
Dilution	1.0
Lead	20
Arsenic	ND < 1.5

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	West Wall 1 5ft
CET ID	AE58837
Date Analyzed	12/15/2010
Dilution	1.0
Lead	ND < 0.013
Arsenic	ND < 0.009

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	West Wall 1 5ft
CET ID	AE58837
Date Analyzed	12/15/2010
Dilution	1.0
Pyridine	ND < 109
n-Nitroso-dimethylamine	ND < 327
bis(2-Chloroethyl)ether	ND < 327
Phenol	ND < 327
Aniline	ND < 327
2-Chlorophenol	ND < 327
1,3-Dichlorobenzene	ND < 327
1,4-Dichlorobenzene	ND < 327
Benzyl Alcohol	ND < 327
1,2-Dichlorobenzene	ND < 327
bis(2-chloroisopropyl)ether	ND < 327
Hexachloroethane	ND < 327
N-Nitroso-di-n-propylamine	ND < 327
2-Methyl Phenol	ND < 327
3+4 Methyl Phenol	ND < 327
Nitrobenzene	ND < 327

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	West Wall 1 5ft
Isophorone	ND < 327
2-Nitrophenol	ND < 327
2,4-Dimethylphenol	ND < 327
bis(2-Chloroethoxy)methane	ND < 327
Benzoic Acid	ND < 327
2,4-Dichlorophenol	ND < 327
1,2,4-Trichlorobenzene	ND < 327
Naphthalene	ND < 327
2,6-Dichlorophenol	ND < 327
4-Chloroaniline	ND < 327
Hexachlorobutadiene	ND < 327
4-Chloro-3-methylphenol	ND < 327
2-Methyl Naphthalene	ND < 327
Hexachlorocyclopentadiene	ND < 327
2,4,6-Trichlorophenol	ND < 327
2,4,5-Trichlorophenol	ND < 327
2-Chloronaphthalene	ND < 327
2-Nitroaniline	ND < 327
Acenaphthylene	ND < 327
Dimethylphthalate	ND < 327
2,6-Dinitrotoluene	ND < 327
4-Nitroaniline	ND < 327
Acenaphthene	ND < 327
2,4-Dinitrophenol	ND < 327
2,4-Dinitrotoluene	ND < 327
4-Nitrophenol	ND < 327
Dibenzofuran	ND < 327
2,3,4,6-Tetrachlorophenol	ND < 327
Fluorene	ND < 327
4-Chlorophenyl-phenylether	ND < 327
Diethylphthalate	ND < 327
3-Nitroaniline	ND < 327
4,6-Dinitro-2-methylphenol	ND < 327
n-Nitrosodiphenylamine	ND < 327
Azobenzene	ND < 327
4-Bromophenyl-phenylether	ND < 327
Hexachlorobenzene	ND < 327
Pentachlorophenol	ND < 327
Phenanthrene	ND < 327
Anthracene	ND < 327
Carbazole	ND < 327
Di-n-butylphthalate	ND < 327
Fluoranthene	ND < 327
Pyrene	ND < 327
Butylbenzylphthalate	ND < 327
3,3-Dichlorobenzidine	ND < 327
Benzo[a]anthracene	ND < 327
Chrysene	ND < 327
bis(2-Ethylhexyl)phthalate	ND < 327
Di-n-octylphthalate	ND < 327
Benzo[b]fluoranthene	ND < 327
Benzo[k]fluoranthene	ND < 327

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	West Wall 1 5ft
Benzo[a]pyrene	ND < 327
Indeno[1,2,3-cd]pyrene	ND < 327
Dibenz[a,h]anthracene	ND < 327
Benzo[g,h,i]perylene	ND < 327
2-Fluorophenol (Surr) 30-130	63.7
Phenol-d5 (Surr) 30-130	63.8
Nitrobenzene-d5(Surr) 30-130	61
2-Fluorobiphenyl (Surr) 30-130	69.8
2,4,6-Tribromophenol (Surr) 30-130	61.2
Terphenyl-d14 (Surr) 30-130	78.6

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	West Wall 1 5ft
CET ID	AE58837
Date Analyzed	12/15/2010
Dilution	1.0
ETPH	ND < 55
Octacosane (surr) 50-150	84

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	West Wall 1 5ft
CET ID	AE58837
Date Analyzed	12/14/2010
Dilution	1.4
Dichlorodifluoromethane	ND < 12
Chloromethane	ND < 8.0
Vinyl Chloride	ND < 4.0
Bromomethane	ND < 8.0
Chloroethane	ND < 8.0
Acetone	ND < 110
Acrylonitrile	ND < 6.0
Trichlorofluoromethane	ND < 12
Trichlorotrifluoroethane	ND < 23
1,1-Dichloroethene	ND < 4.0
Methylene Chloride	ND < 38
Carbon Disulfide	ND < 8.0
Methyl-t-Butyl Ether (MTBE)	ND < 4.0
trans-1,2-Dichloroethene	ND < 4.0
1,1-Dichloroethane	ND < 4.0
2-Butanone (MEK)	ND < 19
2,2-Dichloropropane	ND < 4.0
cis-1,2-Dichloroethene	ND < 4.0
Chloroform	ND < 4.0
Tetrahydrofuran	ND < 19
1,1,1-Trichloroethane	ND < 4.0
Carbon Tetrachloride	ND < 4.0
1,1-Dichloropropene	ND < 4.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	West Wall 1 5ft
Benzene	ND < 4.0
1,2-Dichloroethane	ND < 4.0
Methyl Isobutyl Ketone	ND < 19
Trichloroethene	ND < 4.0
1,2-Dichloropropane	ND < 4.0
Dibromomethane	ND < 4.0
Bromodichloromethane	ND < 4.0
2-Hexanone	ND < 19
cis-1,3-Dichloropropene	ND < 4.0
Toluene	ND < 4.0
trans-1,3-Dichloropropene	ND < 4.0
1,1,2-Trichloroethane	ND < 4.0
Tetrachloroethene	ND < 4.0
1,3-Dichloropropane	ND < 4.0
Dibromochloromethane	ND < 4.0
1,2-Dibromoethane	ND < 4.0
trans-1,4-Dichloro-2-Butene	ND < 19
Chlorobenzene	ND < 4.0
1,1,1,2-Tetrachloroethane	ND < 4.0
Ethylbenzene	ND < 4.0
m+p Xylenes	ND < 4.0
o-Xylene	ND < 4.0
Styrene	ND < 4.0
Bromoform	ND < 4.0
Isopropylbenzene	ND < 4.0
1,1,2,2-Tetrachloroethane	ND < 4.0
Bromobenzene	ND < 4.0
1,2,3-Trichloropropane	ND < 4.0
n-Propylbenzene	ND < 4.0
2-Chlorotoluene	ND < 4.0
4-Chlorotoluene	ND < 4.0
1,3,5-Trimethylbenzene	ND < 4.0
tert-Butylbenzene	ND < 4.0
1,2,4-Trimethylbenzene	ND < 4.0
sec-Butylbenzene	ND < 4.0
1,3-Dichlorobenzene	ND < 4.0
4-Isopropyltoluene	ND < 4.0
1,4-Dichlorobenzene	ND < 4.0
1,2-Dichlorobenzene	ND < 4.0
n-Butylbenzene	ND < 4.0
1,2-Dibromo-3-Chloropropane	ND < 4.0
1,2,4-Trichlorobenzene	ND < 4.0
Hexachlorobutadiene	ND < 4.0
Naphthalene	ND < 4.0
1,2,3-Trichlorobenzene	ND < 4.0
1,2 Dichloroethane-d4 (SURR) 70-130	113
toluene-d8 (SURR) 70-130	97.5
4-bromofluorobenzene (SURR) 70-130	94.5

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

310

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	SOLP LEAD	TOTAL ARSENIC	SPLP ARSENIC					TOTAL # OF CONT.	NOTE #
West Wall 1 @ 5FT	12/13/10 - 720	Soil			2		X						X	X											X	X	X	X					5	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other): V; G G; G G G G

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore): M/B

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	12/13/10 920	[signature]
[signature]	12-13-10 1735	[signature]

NOTES: Please Report Results to AL KOVALIK @ AKOVALIK@geodesign.NET

Client / Reporting Information

Company Name: Geo Design, Inc
Address: 984 SOUTHFORD ROAD
City: Middlebury State: CT Zip: 06762
Report To: CHRIS EGGERS E-mail: CEGGERS@geodesign.NET
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: AL KOVALIK PO #: 3101-4.1
Project: PARCEL C SOUTH Project #: 3101-4.1
Location: NAUGATUCK Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☐ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use: Evidence of Cooling: Y or N Temp Upon Receipt: 2.4 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE58837 ***Sampling Date(s):*** 12/13/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10120310

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 12/22/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10120310

Blank/LCS Report

QA Type: Total Metals Date Analyzed: 12/14/2010 Batch ID: 70638

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	103	80-120
Arsenic	ND<1.0	103	80-120

All associated samples: AE58837

QA Type: Conn. Extractable TPH Date Analyzed: 12/14/2010 Batch ID: 70640

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	101	60-120

All associated samples: AE58837

QA Type: Volatile Organics Date Analyzed: 12/14/2010 Batch ID: 70648

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	38 L	70-130
Chloromethane	ND<2.7	44 L	70-130
Vinyl Chloride	ND<1.6	33 L	70-130
Bromomethane	ND<5.0	52 L	70-130
Chloroethane	ND<5.0	70	70-130
Acetone	ND<50	112	70-130
Acrylonitrile	ND<20	96	70-130
Trichlorofluoromethane	ND<25	73	70-130
Trichlorotrifluoroethane	ND<25	81	70-130
1,1-Dichloroethene	ND<1.0	80	70-130
Methylene Chloride	ND<5.0	76	70-130
Carbon Disulfide	ND<5.0	69 L	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	110	70-130
trans-1,2-Dichloroethene	ND<1.0	75	70-130
1,1-Dichloroethane	ND<1.0	86	70-130
2-Butanone (MEK)	ND<25	106	70-130
2,2-Dichloropropane	ND<1.0	99	70-130
cis-1,2-Dichloroethene	ND<1.0	91	70-130
Chloroform	ND<1.0	84	70-130
Tetrahydrofuran	ND<5.0	113	70-130

Project: Parcel C South, Naugatuck
Cet#: 10120310

QA Type: Volatile Organics Date Analyzed: 12/14/2010 Batch ID: 70648

Analyte	Blank	LCS%Rec	LCS CL
1,1,1-Trichloroethane	ND<1.0	96	70-130
Carbon Tetrachloride	ND<1.0	93	70-130
1,1-Dichloropropene	ND<1.0	88	70-130
Benzene	ND<1.0	89	70-130
1,2-Dichloroethane	ND<1.0	94	70-130
Methyl Isobutyl Ketone	ND<25	100	70-130
Trichloroethene	ND<1.0	94	70-130
1,2-Dichloropropane	ND<1.0	89	70-130
Dibromomethane	ND<1.0	103	70-130
Bromodichloromethane	ND<0.5	90	70-130
2-Hexanone	ND<25	99	70-130
cis-1,3-Dichloropropene	ND<0.5	94	70-130
Toluene	ND<1.0	90	70-130
trans-1,3-Dichloropropene	ND<0.5	97	70-130
1,1,2-Trichloroethane	ND<1.0	91	70-130
Tetrachloroethene	ND<1.0	97	70-130
1,3-Dichloropropane	ND<1.0	92	70-130
Dibromochloromethane	ND<0.5	93	70-130
1,2-Dibromoethane	ND<0.5	93	70-130
Chlorobenzene	ND<1.0	87	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	90	70-130
Ethylbenzene	ND<1.0	90	70-130
m+p Xylenes	ND<1.0	88	70-130
o-Xylene	ND<1.0	88	70-130
Styrene	ND<1.0	93	70-130
Bromoform	ND<1.0	99	70-130
Isopropylbenzene	ND<1.0	122	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	93	70-130
Bromobenzene	ND<1.0	88	70-130
1,2,3-Trichloropropane	ND<1.0	90	70-130
n-Propylbenzene	ND<1.0	84	70-130
2-Chlorotoluene	ND<1.0	89	70-130
4-Chlorotoluene	ND<1.0	82	70-130
1,3,5-Trimethylbenzene	ND<1.0	99	70-130
tert-Butylbenzene	ND<1.0	89	70-130
1,2,4-Trimethylbenzene	ND<1.0	98	70-130
sec-Butylbenzene	ND<1.0	87	70-130
1,3-Dichlorobenzene	ND<1.0	92	70-130
4-Isopropyltoluene	ND<1.0	95	70-130
1,4-Dichlorobenzene	ND<1.0	90	70-130
1,2-Dichlorobenzene	ND<1.0	94	70-130
n-Butylbenzene	ND<1.0	94	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	106	70-130
1,2,4-Trichlorobenzene	ND<1.0	106	70-130
Hexachlorobutadiene	ND<0.45	104	70-130
Naphthalene	ND<1.0	104	70-130
1,2,3-Trichlorobenzene	ND<1.0	104	70-130

All associated samples: AE58837

Project: Parcel C South, Naugatuck
Cet#: 10120310

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 12/15/2010 Batch ID: 70655

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	46	30-130
n-Nitroso-dimethylamine	ND<300	61	40-140
bis(2-Chloroethyl)ether	ND<300	79	40-140
Phenol	ND<300	76	30-130
Aniline	ND<300	58	30-130
2-Chlorophenol	ND<300	83	30-130
1,3-Dichlorobenzene	ND<300	72	40-140
1,4-Dichlorobenzene	ND<300	74	40-140
Benzyl Alcohol	ND<300	93	30-130
1,2-Dichlorobenzene	ND<300	74	40-140
bis(2-chloroisopropyl)ether	ND<300	77	40-140
Hexachloroethane	ND<300	72	40-140
N-Nitroso-di-n-propylamine	ND<300	75	40-140
2-Methyl Phenol	ND<300	79	30-130
3+4 Methyl Phenol	ND<300	82	30-130
Nitrobenzene	ND<300	76	40-140
Isophorone	ND<300	77	40-140
2-Nitrophenol	ND<300	81	30-130
2,4-Dimethylphenol	ND<300	69	30-130
bis(2-Chloroethoxy)methane	ND<300	77	40-140
2,4-Dichlorophenol	ND<300	87	30-130
1,2,4-Trichlorobenzene	ND<300	80	40-140
Naphthalene	ND<300	77	40-140
4-Chloroaniline	ND<300	62	30-130
Hexachlorobutadiene	ND<300	80	40-140
4-Chloro-3-methylphenol	ND<300	85	30-130
2-Methyl Naphthalene	ND<300	78	40-140
Hexachlorocyclopentadiene	ND<300	52	40-140
2,4,6-Trichlorophenol	ND<300	77	30-130
2,4,5-Trichlorophenol	ND<300	87	30-130
2-Chloronaphthalene	ND<300	72	30-130
2-Nitroaniline	ND<300	78	30-130
Acenaphthylene	ND<300	76	40-140
Dimethylphthalate	ND<300	86	40-140
2,6-Dinitrotoluene	ND<300	80	40-140
4-Nitroaniline	ND<300	86	30-130
Acenaphthene	ND<300	79	40-140
2,4-Dinitrophenol	ND<300	46	30-130
2,4-Dinitrotoluene	ND<300	84	40-140
4-Nitrophenol	ND<300	78	30-130
Dibenzofuran	ND<300	83	40-140
Fluorene	ND<300	83	40-140
4-Chlorophenyl-phenylether	ND<300	86	40-140
Diethylphthalate	ND<300	87	40-140
3-Nitroaniline	ND<300	74	30-130
4,6-Dinitro-2-methylphenol	ND<300	69	30-130
n-Nitrosodiphenylamine	ND<300	95	40-140
Azobenzene	ND<300	75	40-140
4-Bromophenyl-phenylether	ND<300	80	40-140
Hexachlorobenzene	ND<300	73	40-140
Pentachlorophenol	ND<300	78	30-130
Phenanthrene	ND<300	81	40-140
Anthracene	ND<300	82	40-140

Project: Parcel C South, Naugatuck
Cet#: 10120310

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 12/15/2010 Batch ID: 70655

Analyte	Blank	LCS%Rec	LCS CL
Di-n-butylphthalate	ND<300	91	40-140
Fluoranthene	ND<300	83	40-140
Pyrene	ND<300	83	40-140
Butylbenzylphthalate	ND<300	96	40-140
Benzo[a]anthracene	ND<300	83	40-140
Chrysene	ND<300	84	40-140
bis(2-Ethylhexyl)phthalate	ND<300	100	40-140
Di-n-octylphthalate	ND<300	99	40-140
Benzo[b]fluoranthene	ND<300	113	40-140
Benzo[k]fluoranthene	ND<300	113	40-140
Benzo[a]pyrene	ND<300	110	40-140
Indeno[1,2,3-cd]pyrene	ND<300	114	40-140
Dibenz[a,h]anthracene	ND<300	117	40-140
Benzo[g,h,i]perylene	ND<300	112	40-140

All associated samples: AE58837

QA Type: SPLP Metals Date Analyzed: 12/15/2010 Batch ID: 70666

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	90	80-120
Arsenic	ND<0.009	92	80-120

All associated samples: AE58837

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Volatile Organics Cont Cal				
Dichlorodifluoromethane	70648	20 L	35-65	12/14/2010
Chloromethane	70648	28 L	35-65	12/14/2010
Vinyl Chloride	70648	24 L	35-65	12/14/2010
Bromomethane	70648	24 L	35-65	12/14/2010
All associated samples: AE58837				
Semi-Vol Cont Cal				
Hexachlorocyclopentadiene	70655	28 L	35-65	12/15/2010
2,4-Dinitrophenol	70655	70 H	35-65	12/15/2010
Benzo[g,h,i]perylene	70655	17 L	17.5-32.5	12/15/2010
All associated samples: AE58837				

QC Batch Report

Total Metals Batch 70638

CET ID	Client Sample ID	Matrix	Collection Date
AE58837	West Wall 1 5ft	Soil	12/13/2010

Conn. Extractable TPH Batch 70640

CET ID	Client Sample ID	Matrix	Collection Date
AE58837	West Wall 1 5ft	Soil	12/13/2010

Volatile Organics Batch 70648

CET ID	Client Sample ID	Matrix	Collection Date
AE58837	West Wall 1 5ft	Soil	12/13/2010

EPA 8270C Semi-Volatile Organics Batch 70655

CET ID	Client Sample ID	Matrix	Collection Date
AE58837	West Wall 1 5ft	Soil	12/13/2010

SPLP Metals Batch 70666

CET ID	Client Sample ID	Matrix	Collection Date
AE58837	West Wall 1 5ft	Soil	12/13/2010

Narrative

4. Dichlorodifluoromethane LCS recovery low (38%) for batch 70648.
   Chloromethane LCS recovery low (44%) for batch 70648.
   Vinyl Chloride LCS recovery low (33%) for batch 70648.
   Bromomethane LCS recovery low (52%) for batch 70648.
   Carbon Disulfide LCS recovery low (69%) for batch 70648.
   Dichlorodifluoromethane CC low for batch 70648.
   Chloromethane CC low for batch 70648.
   Vinyl Chloride CC low for batch 70648.
   Bromomethane CC low for batch 70648.
   Hexachlorocyclopentadiene CC low for batch 70655.
   2,4-Dinitrophenol CC high for batch 70655.
   Benzo[g,h,i]perylene CC low for batch 70655.

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by client.

Project: Parcel C South, Naugatuck
Cet#: 10120310

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
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e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: TOTAL LEAD, SPLP LEAD, TOTAL ARSENIC, SPLP ARSENIC

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	SPLP LEAD	TOTAL ARSENIC	SPLP ARSENIC						TOTAL # OF CONT.	NOTE #
West Wall 1@5FT	12/13/10 - 720	Soil			2		X						X	X											X	X	X	X						5
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)																																		
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)							V						G	G											G	G	G	G						
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)							M/G																											

RELINQUISHED BY: Gerald Muth DATE/TIME 12/13/10 920 RECEIVED BY:

RELINQUISHED BY: DATE/TIME RECEIVED BY:

RELINQUISHED BY: DATE/TIME RECEIVED BY:

NOTES: Please Report Results to AL KOVALIK @ AKOVALIK@geodesign.NET

Client / Reporting Information

Company Name: Geo Design, Inc

Address: 984 South Ford Road

City: Middlebury State: CT Zip: 06762

Report To: Chris Eggers E-mail: CEggers@geodesign.net

Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: AL KOVALIK PO #: 3101-4.1

Project: Parcel C Soil A Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use: Evidence of Cooling: Y or N Temp Upon Receipt 2.4 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Eggers
GeoDesign
984 Southford Rd
Middlebury, CT 06492

RECEIVED
DEC 30 2010
GeoDesign, Inc.

Analytical Report

Conf 31
Conf 32
Bruce toll Soil Comp

CET # 10120314

Report Date: December 15, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE58847	CONF31 8ft	Soil	12/14/2010	7:30	12/14/2010
AE58848	CONF32 8ft	Soil	12/14/2010	7:50	12/14/2010
AE58849	Brick and Soil Comp	Soil	12/14/2010	8:10	12/14/2010

Sample temperature upon receipt was 0.6 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	CONF31 8ft	CONF32 8ft
CET ID	AE58847	AE58848
Date Analyzed	12/14/2010	12/14/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	CONF31 8ft	CONF32 8ft
CET ID	AE58847	AE58848
Date Analyzed	12/14/2010	12/14/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	CONF31 8ft	CONF32 8ft
CET ID	AE58847	AE58848
Date Analyzed	12/14/2010	12/14/2010

Closed System P&T Extraction [EPA 5035A]

Client ID	CONF31 8ft	CONF32 8ft
CET ID	AE58847	AE58848
Date Analyzed	12/15/2010	12/15/2010

SPLP, Metals [EPA 1312]

Client ID	CONF31 8ft	CONF32 8ft
CET ID	AE58847	AE58848
Date Analyzed	12/14/2010	12/14/2010

TCLP, Metals [EPA 1311]

Client ID	Brick and Soil Comp
CET ID	AE58849
Date Analyzed	12/14/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	CONF31 8ft	CONF32 8ft
CET ID	AE58847	AE58848
Date Analyzed	12/15/2010	12/15/2010
Total Solids	93	90

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	CONF31 8ft	CONF32 8ft
CET ID	AE58847	AE58848
Date Analyzed	12/14/2010	12/14/2010
Dilution	1.0	1.0
Lead	37	4.0
Arsenic	ND < 1.5	ND < 1.5

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	CONF31 8ft	CONF32 8ft
CET ID	AE58847	AE58848
Date Analyzed	12/15/2010	12/15/2010
Dilution	1.0	1.0
Lead	ND < 0.013	ND < 0.013
Arsenic	ND < 0.009	ND < 0.009

TCLP Metals [EPA 6020A] Units: mg/l

Client ID	Brick and Soil Comp
CET ID	AE58849
Date Analyzed	12/15/2010
Dilution	1.0
Lead	1.5

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	CONF31 8ft	CONF32 8ft
CET ID	AE58847	AE58848
Date Analyzed	12/15/2010	12/15/2010
Dilution	1.0	1.0
Pyridine	ND < 108	ND < 112
n-Nitroso-dimethylamine	ND < 323	ND < 334
bis(2-Chloroethyl)ether	ND < 323	ND < 334
Phenol	ND < 323	ND < 334
Aniline	ND < 323	ND < 334
2-Chlorophenol	ND < 323	ND < 334
1,3-Dichlorobenzene	ND < 323	ND < 334
1,4-Dichlorobenzene	ND < 323	ND < 334
Benzyl Alcohol	ND < 323	ND < 334
1,2-Dichlorobenzene	ND < 323	ND < 334
bis(2-chloroisopropyl)ether	ND < 323	ND < 334
Hexachloroethane	ND < 323	ND < 334
N-Nitroso-di-n-propylamine	ND < 323	ND < 334
2-Methyl Phenol	ND < 323	ND < 334
3+4 Methyl Phenol	ND < 323	ND < 334
Nitrobenzene	ND < 323	ND < 334
Isophorone	ND < 323	ND < 334
2-Nitrophenol	ND < 323	ND < 334
2,4-Dimethylphenol	ND < 323	ND < 334
bis(2-Chloroethoxy)methane	ND < 323	ND < 334
Benzoic Acid	ND < 323	ND < 334
2,4-Dichlorophenol	ND < 323	ND < 334
1,2,4-Trichlorobenzene	ND < 323	ND < 334
Naphthalene	ND < 323	ND < 334
2,6-Dichlorophenol	ND < 323	ND < 334
4-Chloroaniline	ND < 323	ND < 334
Hexachlorobutadiene	ND < 323	ND < 334
4-Chloro-3-methylphenol	ND < 323	ND < 334
2-Methyl Naphthalene	ND < 323	ND < 334
Hexachlorocyclopentadiene	ND < 323	ND < 334
2,4,6-Trichlorophenol	ND < 323	ND < 334
2,4,5-Trichlorophenol	ND < 323	ND < 334
2-Chloronaphthalene	ND < 323	ND < 334
2-Nitroaniline	ND < 323	ND < 334
Acenaphthylene	ND < 323	ND < 334
Dimethylphthalate	ND < 323	ND < 334
2,6-Dinitrotoluene	ND < 323	ND < 334
4-Nitroaniline	ND < 323	ND < 334
Acenaphthene	ND < 323	ND < 334
2,4-Dinitrophenol	ND < 323	ND < 334
2,4-Dinitrotoluene	ND < 323	ND < 334
4-Nitrophenol	ND < 323	ND < 334
Dibenzofuran	ND < 323	ND < 334
2,3,4,6-Tetrachlorophenol	ND < 323	ND < 334
Fluorene	ND < 323	ND < 334
4-Chlorophenyl-phenylether	ND < 323	ND < 334
Diethylphthalate	ND < 323	ND < 334
3-Nitroaniline	ND < 323	ND < 334
4,6-Dinitro-2-methylphenol	ND < 323	ND < 334

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	CONF31 8ft	CONF32 8ft
n-Nitrosodiphenylamine	ND < 323	ND < 334
Azobenzene	ND < 323	ND < 334
4-Bromophenyl-phenylether	ND < 323	ND < 334
Hexachlorobenzene	ND < 323	ND < 334
Pentachlorophenol	ND < 323	ND < 334
Phenanthrene	ND < 323	ND < 334
Anthracene	ND < 323	ND < 334
Carbazole	ND < 323	ND < 334
Di-n-butylphthalate	ND < 323	ND < 334
Fluoranthene	ND < 323	ND < 334
Pyrene	ND < 323	ND < 334
Butylbenzylphthalate	ND < 323	ND < 334
3,3-Dichlorobenzidine	ND < 323	ND < 334
Benzo[a]anthracene	ND < 323	ND < 334
Chrysene	ND < 323	ND < 334
bis(2-Ethylhexyl)phthalate	ND < 323	ND < 334
Di-n-octylphthalate	ND < 323	ND < 334
Benzo[b]fluoranthene	ND < 323	ND < 334
Benzo[k]fluoranthene	ND < 323	ND < 334
Benzo[a]pyrene	ND < 323	ND < 334
Indeno[1,2,3-cd]pyrene	ND < 323	ND < 334
Dibenz[a,h]anthracene	ND < 323	ND < 334
Benzo[g,h,i]perylene	ND < 323	ND < 334
2-Fluorophenol (Surr) 30-130	66	62.8
Phenol-d5 (Surr) 30-130	65.3	62.3
Nitrobenzene-d5(Surr) 30-130	63.3	60.6
2-Fluorobiphenyl (Surr) 30-130	75.8	70.1
2,4,6-Tribromophenol (Surr) 30-130	65.5	60.2
Terphenyl-d14 (Surr) 30-130	77	75

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	CONF31 8ft	CONF32 8ft
CET ID	AE58847	AE58848
Date Analyzed	12/15/2010	12/15/2010
Dilution	1.0	1.0
ETPH	250*	ND < 56
Octacosane (surr) 50-150	87	85.8

*C_{18}-C_{36} Motor oil range

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	CONF31 8ft	CONF32 8ft
CET ID	AE58847	AE58848
Date Analyzed	12/14/2010	12/14/2010
Dilution	1.3	1.2
Dichlorodifluoromethane	ND < 11	ND < 10
Chloromethane	ND < 8.0	ND < 7.0
Vinyl Chloride	ND < 4.0	ND < 4.0
Bromomethane	ND < 8.0	ND < 7.0
Chloroethane	ND < 8.0	ND < 7.0
Acetone	ND < 110	ND < 98
Acrylonitrile	ND < 6.0	ND < 6.0
Trichlorofluoromethane	ND < 11	ND < 10
Trichlorotrifluoroethane	ND < 22	ND < 20
1,1-Dichloroethene	ND < 4.0	ND < 4.0
Methylene Chloride	ND < 36	ND < 33
Carbon Disulfide	ND < 8.0	ND < 7.0
Methyl-t-Butyl Ether (MTBE)	ND < 4.0	ND < 4.0
trans-1,2-Dichloroethene	ND < 4.0	ND < 4.0
1,1-Dichloroethane	ND < 4.0	ND < 4.0
2-Butanone (MEK)	ND < 18	ND < 17
2,2-Dichloropropane	ND < 4.0	ND < 4.0
cis-1,2-Dichloroethene	ND < 4.0	ND < 4.0
Chloroform	ND < 4.0	ND < 4.0
Tetrahydrofuran	ND < 18	ND < 17
1,1,1-Trichloroethane	ND < 4.0	ND < 4.0
Carbon Tetrachloride	ND < 4.0	ND < 4.0
1,1-Dichloropropene	ND < 4.0	ND < 4.0
Benzene	ND < 4.0	ND < 4.0
1,2-Dichloroethane	ND < 4.0	ND < 4.0
Methyl Isobutyl Ketone	ND < 18	ND < 17
Trichloroethene	ND < 4.0	ND < 4.0
1,2-Dichloropropane	ND < 4.0	ND < 4.0
Dibromomethane	ND < 4.0	ND < 4.0
Bromodichloromethane	ND < 4.0	ND < 4.0
2-Hexanone	ND < 18	ND < 17
cis-1,3-Dichloropropene	ND < 4.0	ND < 4.0
Toluene	ND < 4.0	ND < 4.0
trans-1,3-Dichloropropene	ND < 4.0	ND < 4.0
1,1,2-Trichloroethane	ND < 4.0	ND < 4.0
Tetrachloroethene	ND < 4.0	ND < 4.0
1,3-Dichloropropane	ND < 4.0	ND < 4.0
Dibromochloromethane	ND < 4.0	ND < 4.0
1,2-Dibromoethane	ND < 4.0	ND < 4.0
trans-1,4-Dichloro-2-Butene	ND < 18	ND < 17
Chlorobenzene	ND < 4.0	ND < 4.0
1,1,1,2-Tetrachloroethane	ND < 4.0	ND < 4.0
Ethylbenzene	ND < 4.0	ND < 4.0
m+p Xylenes	ND < 4.0	ND < 4.0
o-Xylene	ND < 4.0	ND < 4.0
Styrene	ND < 4.0	ND < 4.0
Bromoform	ND < 4.0	ND < 4.0
Isopropylbenzene	ND < 4.0	ND < 4.0
1,1,2,2-Tetrachloroethane	ND < 4.0	ND < 4.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	CONF31 8ft	CONF32 8ft
Bromobenzene	ND < 4.0	ND < 4.0
1,2,3-Trichloropropane	ND < 4.0	ND < 4.0
n-Propylbenzene	ND < 4.0	ND < 4.0
2-Chlorotoluene	ND < 4.0	ND < 4.0
4-Chlorotoluene	ND < 4.0	ND < 4.0
1,3,5-Trimethylbenzene	ND < 4.0	ND < 4.0
tert-Butylbenzene	ND < 4.0	ND < 4.0
1,2,4-Trimethylbenzene	ND < 4.0	ND < 4.0
sec-Butylbenzene	ND < 4.0	ND < 4.0
1,3-Dichlorobenzene	ND < 4.0	ND < 4.0
4-Isopropyltoluene	ND < 4.0	ND < 4.0
1,4-Dichlorobenzene	ND < 4.0	ND < 4.0
1,2-Dichlorobenzene	ND < 4.0	ND < 4.0
n-Butylbenzene	ND < 4.0	ND < 4.0
1,2-Dibromo-3-Chloropropane	ND < 4.0	ND < 4.0
1,2,4-Trichlorobenzene	ND < 4.0	ND < 4.0
Hexachlorobutadiene	ND < 4.0	ND < 4.0
Naphthalene	ND < 4.0	ND < 4.0
1,2,3-Trichlorobenzene	ND < 4.0	ND < 4.0
1,2 Dichloroethane-d4 (SURR) 70-130	106	111
toluene-d8 (SURR) 70-130	96.7	97.8
4-bromofluorobenzene (SURR) 70-130	94.2	93

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Complete Environmental Testing, Inc.

Project#: 3101-4.1
CET#: 10120314
Project: Parcel C South, Naugatuck

314

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Total Lead	Total Arsenic	SPLP Lead	SPLP Arsenic	Total Lead					TOTAL # OF CONT.	NOTE #
Conf 31@ 8FT	12/14/10 - 730	SOIL		X			X					X	X	X											X	X	X	X						5	
Conf 32@ 8FT	12/14/10 - 750	SOIL		X			X					X	X	X											X	X	X	X						5	
Black topsoil comp	12/14/10 - 810	SOIL		X																									X					1	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)																																			
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)							V						G	G											G	G	G	G	G					11	
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)							M/B																												

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Gerald Muskat	12/14/10	1008 [illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Please Also Report Results to AL Kovalik @ AKovalik@geodesign.NET.

Client / Reporting Information

Company Name: GeoDesign, Inc
Address: 984 South Ford Road
City: Middlebury State: CT Zip: 06762
Report To: Chris Eggers E-mail: CEggers@geodesign.NET
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1
Project: Parcel C South Project #: 3101-4.1
Location: Naugatuck Collector(s): GJM
QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☐ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: or N
Temp Upon Receipt 0.6 °C
SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/05

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE58847-AE58849 ***Sampling Date(s):*** 12/14/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10120314

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 12/21/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10120314

Blank/LCS Report

QA Type: Total Metals Date Analyzed: 12/14/2010 Batch ID: 70638

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	103	80-120
Arsenic	ND<1.0	103	80-120

All associated samples: AE58847 AE58848

QA Type: Conn. Extractable TPH Date Analyzed: 12/14/2010 Batch ID: 70640

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	101	60-120

All associated samples: AE58847 AE58848

QA Type: Volatile Organics Date Analyzed: 12/14/2010 Batch ID: 70648

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	38 L	70-130
Chloromethane	ND<2.7	44 L	70-130
Vinyl Chloride	ND<1.6	33 L	70-130
Bromomethane	ND<5.0	52 L	70-130
Chloroethane	ND<5.0	70	70-130
Acetone	ND<50	112	70-130
Acrylonitrile	ND<20	96	70-130
Trichlorofluoromethane	ND<25	73	70-130
Trichlorotrifluoroethane	ND<25	81	70-130
1,1-Dichloroethene	ND<1.0	80	70-130
Methylene Chloride	ND<5.0	76	70-130
Carbon Disulfide	ND<5.0	69 L	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	110	70-130
trans-1,2-Dichloroethene	ND<1.0	75	70-130
1,1-Dichloroethane	ND<1.0	86	70-130
2-Butanone (MEK)	ND<25	106	70-130
2,2-Dichloropropane	ND<1.0	99	70-130
cis-1,2-Dichloroethene	ND<1.0	91	70-130
Chloroform	ND<1.0	84	70-130
Tetrahydrofuran	ND<5.0	113	70-130

Project: Parcel C South, Naugatuck
Cet#: 10120314

QA Type: Volatile Organics Date Analyzed: 12/14/2010 Batch ID: 70648

Analyte	Blank	LCS%Rec	LCS CL
1,1,1-Trichloroethane	ND<1.0	96	70-130
Carbon Tetrachloride	ND<1.0	93	70-130
1,1-Dichloropropene	ND<1.0	88	70-130
Benzene	ND<1.0	89	70-130
1,2-Dichloroethane	ND<1.0	94	70-130
Methyl Isobutyl Ketone	ND<25	100	70-130
Trichloroethene	ND<1.0	94	70-130
1,2-Dichloropropane	ND<1.0	89	70-130
Dibromomethane	ND<1.0	103	70-130
Bromodichloromethane	ND<0.5	90	70-130
2-Hexanone	ND<25	99	70-130
cis-1,3-Dichloropropene	ND<0.5	94	70-130
Toluene	ND<1.0	90	70-130
trans-1,3-Dichloropropene	ND<0.5	97	70-130
1,1,2-Trichloroethane	ND<1.0	91	70-130
Tetrachloroethene	ND<1.0	97	70-130
1,3-Dichloropropane	ND<1.0	92	70-130
Dibromochloromethane	ND<0.5	93	70-130
1,2-Dibromoethane	ND<0.5	93	70-130
Chlorobenzene	ND<1.0	87	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	90	70-130
Ethylbenzene	ND<1.0	90	70-130
m+p Xylenes	ND<1.0	88	70-130
o-Xylene	ND<1.0	88	70-130
Styrene	ND<1.0	93	70-130
Bromoform	ND<1.0	99	70-130
Isopropylbenzene	ND<1.0	122	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	93	70-130
Bromobenzene	ND<1.0	88	70-130
1,2,3-Trichloropropane	ND<1.0	90	70-130
n-Propylbenzene	ND<1.0	84	70-130
2-Chlorotoluene	ND<1.0	89	70-130
4-Chlorotoluene	ND<1.0	82	70-130
1,3,5-Trimethylbenzene	ND<1.0	99	70-130
tert-Butylbenzene	ND<1.0	89	70-130
1,2,4-Trimethylbenzene	ND<1.0	98	70-130
sec-Butylbenzene	ND<1.0	87	70-130
1,3-Dichlorobenzene	ND<1.0	92	70-130
4-Isopropyltoluene	ND<1.0	95	70-130
1,4-Dichlorobenzene	ND<1.0	90	70-130
1,2-Dichlorobenzene	ND<1.0	94	70-130
n-Butylbenzene	ND<1.0	94	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	106	70-130
1,2,4-Trichlorobenzene	ND<1.0	106	70-130
Hexachlorobutadiene	ND<0.45	104	70-130
Naphthalene	ND<1.0	104	70-130
1,2,3-Trichlorobenzene	ND<1.0	104	70-130

All associated samples: AE58847 AE58848

Project: Parcel C South, Naugatuck
Cet#: 10120314

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 12/15/2010 Batch ID: 70655

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	46	30-130
n-Nitroso-dimethylamine	ND<300	61	40-140
bis(2-Chloroethyl)ether	ND<300	79	40-140
Phenol	ND<300	76	30-130
Aniline	ND<300	58	30-130
2-Chlorophenol	ND<300	83	30-130
1,3-Dichlorobenzene	ND<300	72	40-140
1,4-Dichlorobenzene	ND<300	74	40-140
Benzyl Alcohol	ND<300	93	30-130
1,2-Dichlorobenzene	ND<300	74	40-140
bis(2-chloroisopropyl)ether	ND<300	77	40-140
Hexachloroethane	ND<300	72	40-140
N-Nitroso-di-n-propylamine	ND<300	75	40-140
2-Methyl Phenol	ND<300	79	30-130
3+4 Methyl Phenol	ND<300	82	30-130
Nitrobenzene	ND<300	76	40-140
Isophorone	ND<300	77	40-140
2-Nitrophenol	ND<300	81	30-130
2,4-Dimethylphenol	ND<300	69	30-130
bis(2-Chloroethoxy)methane	ND<300	77	40-140
2,4-Dichlorophenol	ND<300	87	30-130
1,2,4-Trichlorobenzene	ND<300	80	40-140
Naphthalene	ND<300	77	40-140
4-Chloroaniline	ND<300	62	30-130
Hexachlorobutadiene	ND<300	80	40-140
4-Chloro-3-methylphenol	ND<300	85	30-130
2-Methyl Naphthalene	ND<300	78	40-140
Hexachlorocyclopentadiene	ND<300	52	40-140
2,4,6-Trichlorophenol	ND<300	77	30-130
2,4,5-Trichlorophenol	ND<300	87	30-130
2-Chloronaphthalene	ND<300	72	30-130
2-Nitroaniline	ND<300	78	30-130
Acenaphthylene	ND<300	76	40-140
Dimethylphthalate	ND<300	86	40-140
2,6-Dinitrotoluene	ND<300	80	40-140
4-Nitroaniline	ND<300	86	30-130
Acenaphthene	ND<300	79	40-140
2,4-Dinitrophenol	ND<300	46	30-130
2,4-Dinitrotoluene	ND<300	84	40-140
4-Nitrophenol	ND<300	78	30-130
Dibenzofuran	ND<300	83	40-140
Fluorene	ND<300	83	40-140
4-Chlorophenyl-phenylether	ND<300	86	40-140
Diethylphthalate	ND<300	87	40-140
3-Nitroaniline	ND<300	74	30-130
4,6-Dinitro-2-methylphenol	ND<300	69	30-130
n-Nitrosodiphenylamine	ND<300	95	40-140
4-Bromophenyl-phenylether	ND<300	80	40-140
Hexachlorobenzene	ND<300	73	40-140
Pentachlorophenol	ND<300	78	30-130
Phenanthrene	ND<300	81	40-140
Anthracene	ND<300	82	40-140
Di-n-butylphthalate	ND<300	91	40-140

Project: Parcel C South, Naugatuck
Cet#: 10120314

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 12/15/2010 Batch ID: 70655

Analyte	Blank	LCS%Rec	LCS CL
Fluoranthene	ND<300	83	40-140
Pyrene	ND<300	83	40-140
Butylbenzylphthalate	ND<300	96	40-140
Benzo[a]anthracene	ND<300	83	40-140
Chrysene	ND<300	84	40-140
bis(2-Ethylhexyl)phthalate	ND<300	100	40-140
Di-n-octylphthalate	ND<300	99	40-140
Benzo[b]fluoranthene	ND<300	113	40-140
Benzo[k]fluoranthene	ND<300	113	40-140
Benzo[a]pyrene	ND<300	110	40-140
Indeno[1,2,3-cd]pyrene	ND<300	114	40-140
Dibenz[a,h]anthracene	ND<300	117	40-140
Benzo[g,h,i]perylene	ND<300	112	40-140

All associated samples: AE58847 AE58848

QA Type: SPLP Metals Date Analyzed: 12/15/2010 Batch ID: 70666

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	90	80-120
Arsenic	ND<0.009	92	80-120

All associated samples: AE58847 AE58848

QA Type: TCLP Metals Date Analyzed: 12/15/2010 Batch ID: 70667

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	91	80-120

All associated samples: AE58849

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration VOC			
Chloromethane	70648	36 H	20
Vinyl Chloride	70648	26 H	20
Bromomethane	70648	34 H	20
Methylene Chloride	70648	21 H	20
2,2-Dichloropropane	70648	25 H	20
Tetrahydrofuran	70648	21 H	20
All associated samples: AE58847 AE58848			
Initial Calibration SVOC			
Benzyl Alcohol	70655	21 H	20
2,4-Dinitrophenol	70655	27 H	20
All associated samples: AE58847 AE58848			

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Volatile Organics Cont Cal				
Dichlorodifluoromethane	70648	20 L	35-65	12/14/2010
Chloromethane	70648	28 L	35-65	12/14/2010
Vinyl Chloride	70648	24 L	35-65	12/14/2010
Bromomethane	70648	24 L	35-65	12/14/2010
All associated samples: AE58847 AE58848				
Semi-Vol Cont Cal				
Hexachlorocyclopentadiene	70655	28 L	35-65	12/15/2010
2,4-Dinitrophenol	70655	70 H	35-65	12/15/2010
Benzo[g,h,i]perylene	70655	17 L	17.5-32.5	12/15/2010
All associated samples: AE58847 AE58848				

QC Batch Report

Total Metals Batch 70638

CET ID	Client Sample ID	Matrix	Collection Date
AE58847	CONF31 8ft	Soil	12/14/2010
AE58848	CONF32 8ft	Soil	12/14/2010

Conn. Extractable TPH Batch 70640

CET ID	Client Sample ID	Matrix	Collection Date
AE58847	CONF31 8ft	Soil	12/14/2010
AE58848	CONF32 8ft	Soil	12/14/2010

Volatile Organics Batch 70648

CET ID	Client Sample ID	Matrix	Collection Date
AE58847	CONF31 8ft	Soil	12/14/2010
AE58848	CONF32 8ft	Soil	12/14/2010

EPA 8270C Semi-Volatile Organics Batch 70655

CET ID	Client Sample ID	Matrix	Collection Date
AE58847	CONF31 8ft	Soil	12/14/2010
AE58848	CONF32 8ft	Soil	12/14/2010

SPLP Metals Batch 70666

CET ID	Client Sample ID	Matrix	Collection Date
AE58847	CONF31 8ft	Soil	12/14/2010
AE58848	CONF32 8ft	Soil	12/14/2010

TCLP Metals Batch 70667

CET ID	Client Sample ID	Matrix	Collection Date
AE58849	Brick and Soil Comp	Soil	12/14/2010

Narrative

4. Dichlorodifluoromethane LCS recovery low (38%) for batch 70648.
   Chloromethane LCS recovery low (44%) for batch 70648.
   Vinyl Chloride LCS recovery low (33%) for batch 70648.
   Bromomethane LCS recovery low (52%) for batch 70648.
   Carbon Disulfide LCS recovery low (69%) for batch 70648.
   Chloromethane Initial Cal % RSD high(36%) for batch 70648.
   Vinyl Chloride Initial Cal % RSD high(26%) for batch 70648.
   Bromomethane Initial Cal % RSD high(34%) for batch 70648.
   Methylene Chloride Initial Cal % RSD high(21%) for batch 70648.
   2,2-Dichloropropane Initial Cal % RSD high(25%) for batch 70648.
   Tetrahydrofuran Initial Cal % RSD high(21%) for batch 70648.
   Benzyl Alcohol Initial Cal % RSD high(21%) for batch 70655.
   2,4-Dinitrophenol Initial Cal % RSD high(27%) for batch 70655.
   Dichlorodifluoromethane CC low for batch 70648.
   Chloromethane CC low for batch 70648.
   Vinyl Chloride CC low for batch 70648.
   Bromomethane CC low for batch 70648.
   Hexachlorocyclopentadiene CC low for batch 70655.
   2,4-Dinitrophenol CC high for batch 70655.
   Benzo[g,h,i]perylene CC low for batch 70655.

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by the client.

Project: Parcel C South, Naugatuck
Cet#: 10120314

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Total Lead	Total Mercury	SPLP Lead	SPLP Mercury	TCLP Lead					TOTAL # OF CONT.	NOTE #
Con F31@ 8FT	12/14/10 - 730	Soil		X			X						X	X											X	X	X	X						5	
Con F 32@ 8 FT	12/14/10 - 750	Soil		X			X						X	X											X	X	X	X						5	
Brick + soil soil Comp	12/14/10 - 810	Soil		X																									X					1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other): V G G G G G G G G G G

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore): MB

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Gerald Muhl	12/14/10 1008	[signature]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Please Also Report Results to AL Kovalik @ AKovalik@geodesign.NET.

Client / Reporting Information

Company Name: GeoDesign, Inc

Address: 984 South Ford Road

City: Middlebury State: CT Zip: 06762

Report To: Chris Eggers E-mail: CEggers@geodesign.NET

Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1

Project: Parcel C South Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use: Evidence of Cooling: Temp Upon Receipt 0.0 °C or N

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Eggers
GeoDesign
984 Southford Rd
Middlebury, CT 06492

RECEIVED
DEC 22 2010
GeoDesign, Inc.

Analytical Report

EA 8 composite

CET # 10120233

Report Date: December 13, 2010
Client Project: Parcel C South Naugatuck
Client Project #: 3101-4.1

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE58545	EA-8 Composite	Soil	12/8/2010		12/09/2010

Sample temperature upon receipt was 2.0 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	EA-8 Composite
CET ID	AE58545
Date Analyzed	12/13/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	EA-8 Composite
CET ID	AE58545
Date Analyzed	12/12/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	EA-8 Composite
CET ID	AE58545
Date Analyzed	12/10/2010

Closed System P&T Extraction [EPA 5035A]

Client ID	EA-8 Composite
CET ID	AE58545
Date Analyzed	12/12/2010

SPLP, Metals [EPA 1312]

Client ID	EA-8 Composite
CET ID	AE58545
Date Analyzed	12/12/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	EA-8 Composite
CET ID	AE58545
Date Analyzed	12/13/2010
Total Solids	96

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	EA-8 Composite
CET ID	AE58545
Date Analyzed	12/13/2010
Dilution	1.0
Lead	3.7
Arsenic	ND < 1.5

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	EA-8 Composite
CET ID	AE58545
Date Analyzed	12/13/2010
Dilution	1.0
Lead	ND < 0.013
Arsenic	ND < 0.009

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	EA-8 Composite
CET ID	AE58545
Date Analyzed	12/13/2010
Dilution	1.0
Pyridine	ND < 105
n-Nitroso-dimethylamine	ND < 313
bis(2-Chloroethyl)ether	ND < 313
Phenol	ND < 313
Aniline	ND < 313
2-Chlorophenol	ND < 313
1,3-Dichlorobenzene	ND < 313
1,4-Dichlorobenzene	ND < 313
Benzyl Alcohol	ND < 313
1,2-Dichlorobenzene	ND < 313
bis(2-chloroisopropyl)ether	ND < 313
Hexachloroethane	ND < 313
N-Nitroso-di-n-propylamine	ND < 313
2-Methyl Phenol	ND < 313
3+4 Methyl Phenol	ND < 313
Nitrobenzene	ND < 313

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	EA-8 Composite
Isophorone	ND < 313
2-Nitrophenol	ND < 313
2,4-Dimethylphenol	ND < 313
bis(2-Chloroethoxy)methane	ND < 313
Benzoic Acid	ND < 313
2,4-Dichlorophenol	ND < 313
1,2,4-Trichlorobenzene	ND < 313
Naphthalene	ND < 313
2,6-Dichlorophenol	ND < 313
4-Chloroaniline	ND < 313
Hexachlorobutadiene	ND < 313
4-Chloro-3-methylphenol	ND < 313
2-Methyl Naphthalene	ND < 313
Hexachlorocyclopentadiene	ND < 313
2,4,6-Trichlorophenol	ND < 313
2,4,5-Trichlorophenol	ND < 313
2-Chloronaphthalene	ND < 313
2-Nitroaniline	ND < 313
Acenaphthylene	ND < 313
Dimethylphthalate	ND < 313
2,6-Dinitrotoluene	ND < 313
4-Nitroaniline	ND < 313
Acenaphthene	ND < 313
2,4-Dinitrophenol	ND < 313
2,4-Dinitrotoluene	ND < 313
4-Nitrophenol	ND < 313
Dibenzofuran	ND < 313
2,3,4,6-Tetrachlorophenol	ND < 313
Fluorene	ND < 313
4-Chlorophenyl-phenylether	ND < 313
Diethylphthalate	ND < 313
3-Nitroaniline	ND < 313
4,6-Dinitro-2-methylphenol	ND < 313
n-Nitrosodiphenylamine	ND < 313
Azobenzene	ND < 313
4-Bromophenyl-phenylether	ND < 313
Hexachlorobenzene	ND < 313
Pentachlorophenol	ND < 313
Phenanthrene	ND < 313
Anthracene	ND < 313
Carbazole	ND < 313
Di-n-butylphthalate	ND < 313
Fluoranthene	ND < 313
Pyrene	ND < 313
Butylbenzylphthalate	ND < 313
3,3-Dichlorobenzidine	ND < 313
Benzo[a]anthracene	ND < 313
Chrysene	ND < 313
bis(2-Ethylhexyl)phthalate	ND < 313
Di-n-octylphthalate	ND < 313
Benzo[b]fluoranthene	ND < 313
Benzo[k]fluoranthene	ND < 313

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	EA-8 Composite
Benzo[a]pyrene	ND < 313
Indeno[1,2,3-cd]pyrene	ND < 313
Dibenz[a,h]anthracene	ND < 313
Benzo[g,h,i]perylene	ND < 313
2-Fluorophenol (Surr) 30-130	53.3
Phenol-d5 (Surr) 30-130	55.9
Nitrobenzene-d5(Surr) 30-130	46.9
2-Fluorobiphenyl (Surr) 30-130	55.9
2,4,6-Tribromophenol (Surr) 30-130	59.7
Terphenyl-d14 (Surr) 30-130	49.5

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	EA-8 Composite
CET ID	AE58545
Date Analyzed	12/11/2010
Dilution	1.0
ETPH	ND < 53
Octacosane (surr) 50-150	80.5

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	EA-8 Composite
CET ID	AE58545
Date Analyzed	12/10/2010
Dilution	1.5
Dichlorodifluoromethane	ND < 12
Chloromethane	ND < 8.0
Vinyl Chloride	ND < 4.0
Bromomethane	ND < 8.0
Chloroethane	ND < 8.0
Acetone	ND < 120
Acrylonitrile	ND < 7.0
Trichlorofluoromethane	ND < 12
Trichlorotrifluoroethane	ND < 24
1,1-Dichloroethene	ND < 4.0
Methylene Chloride	ND < 40
Carbon Disulfide	ND < 8.0
Methyl-t-Butyl Ether (MTBE)	ND < 4.0
trans-1,2-Dichloroethene	ND < 4.0
1,1-Dichloroethane	ND < 4.0
2-Butanone (MEK)	ND < 20
2,2-Dichloropropane	ND < 4.0
cis-1,2-Dichloroethene	ND < 4.0
Chloroform	ND < 4.0
Tetrahydrofuran	ND < 20
1,1,1-Trichloroethane	ND < 4.0
Carbon Tetrachloride	ND < 4.0
1,1-Dichloropropene	ND < 4.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	EA-8 Composite
Benzene	ND < 4.0
1,2-Dichloroethane	ND < 4.0
Methyl Isobutyl Ketone	ND < 20
Trichloroethene	ND < 4.0
1,2-Dichloropropane	ND < 4.0
Dibromomethane	ND < 4.0
Bromodichloromethane	ND < 4.0
2-Hexanone	ND < 20
cis-1,3-Dichloropropene	ND < 4.0
Toluene	ND < 4.0
trans-1,3-Dichloropropene	ND < 4.0
1,1,2-Trichloroethane	ND < 4.0
Tetrachloroethene	ND < 4.0
1,3-Dichloropropane	ND < 4.0
Dibromochloromethane	ND < 4.0
1,2-Dibromoethane	ND < 4.0
trans-1,4-Dichloro-2-Butene	ND < 20
Chlorobenzene	ND < 4.0
1,1,1,2-Tetrachloroethane	ND < 4.0
Ethylbenzene	ND < 4.0
m+p Xylenes	ND < 4.0
o-Xylene	ND < 4.0
Styrene	ND < 4.0
Bromoform	ND < 4.0
Isopropylbenzene	ND < 4.0
1,1,2,2-Tetrachloroethane	ND < 4.0
Bromobenzene	ND < 4.0
1,2,3-Trichloropropane	ND < 4.0
n-Propylbenzene	ND < 4.0
2-Chlorotoluene	ND < 4.0
4-Chlorotoluene	ND < 4.0
1,3,5-Trimethylbenzene	ND < 4.0
tert-Butylbenzene	ND < 4.0
1,2,4-Trimethylbenzene	ND < 4.0
sec-Butylbenzene	ND < 4.0
1,3-Dichlorobenzene	ND < 4.0
4-Isopropyltoluene	ND < 4.0
1,4-Dichlorobenzene	ND < 4.0
1,2-Dichlorobenzene	ND < 4.0
n-Butylbenzene	ND < 4.0
1,2-Dibromo-3-Chloropropane	ND < 4.0
1,2,4-Trichlorobenzene	ND < 4.0
Hexachlorobutadiene	ND < 4.0
Naphthalene	ND < 4.0
1,2,3-Trichlorobenzene	ND < 4.0
1,2 Dichloroethane-d4 (SURR) 70-130	106
toluene-d8 (SURR) 70-130	99.7
4-bromofluorobenzene (SURR) 70-130	93.9

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Project#: 3101-4.1
CET#: 10120233
Project: Parcel C South Naugatuck

233

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2–3 Days, Standard

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2–3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL Lead	TOTAL Arsenic	SPLP Lead	SPLP Arsenic					TOTAL # OF CONT.	NOTE #
EA-B Composite	12/8/10	Soil		X			X						X	X											X	X	X	X					5	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)																																		
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)							V						G	G											G	G	G	G					5	
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)							M/B																											

RELINQUISHED BY: [signature] DATE/TIME 12-8-10 920 RECEIVED BY: [signature]
RELINQUISHED BY: [signature] DATE/TIME 12-8-10 1715 RECEIVED BY: [signature]
RELINQUISHED BY: DATE/TIME RECEIVED BY:

NOTES: Also Report Results to AL Kovalik @ AKovalik@geodesign.net

Client / Reporting Information

Company Name: Geo Design, Inc
Address: 944 South Ford Road
City: Middlebury State: CT Zip: 06762
Report To: Chris Eggers E-mail: CEggers@geodesign.net
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1
Project: Parcel C South Project #: 3101-4.1
Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☐ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use: Evidence of Cooling: Y or N
Temp Upon Receipt 2.0 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesing

Project Location: Parcel C South Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE58545 ***Sampling Date(s):*** 12/8/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10120233

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 12/17/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South Naugatuck
CET#: 10120233

Blank/LCS Report

QA Type: Volatile Organics Date Analyzed: 12/10/2010 Batch ID: 70593

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	116	70-130
Chloromethane	ND<2.7	95	70-130
Vinyl Chloride	ND<1.6	57 L	70-130
Bromomethane	ND<5.0	71	70-130
Chloroethane	ND<5.0	95	70-130
Acetone	ND<50	102	70-130
Acrylonitrile	ND<20	101	70-130
Trichlorofluoromethane	ND<25	94	70-130
Trichlorotrifluoroethane	ND<25	89	70-130
1,1-Dichloroethene	ND<1.0	92	70-130
Methylene Chloride	ND<5.0	80	70-130
Carbon Disulfide	ND<5.0	91	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	111	70-130
trans-1,2-Dichloroethene	ND<1.0	78	70-130
1,1-Dichloroethane	ND<1.0	87	70-130
2-Butanone (MEK)	ND<25	114	70-130
2,2-Dichloropropane	ND<1.0	91	70-130
cis-1,2-Dichloroethene	ND<1.0	97	70-130
Chloroform	ND<1.0	88	70-130
Tetrahydrofuran	ND<5.0	120	70-130
1,1,1-Trichloroethane	ND<1.0	95	70-130
Carbon Tetrachloride	ND<1.0	93	70-130
1,1-Dichloropropene	ND<1.0	93	70-130
Benzene	ND<1.0	95	70-130
1,2-Dichloroethane	ND<1.0	94	70-130
Methyl Isobutyl Ketone	ND<25	99	70-130
Trichloroethene	ND<1.0	94	70-130
1,2-Dichloropropane	ND<1.0	91	70-130
Dibromomethane	ND<1.0	99	70-130
Bromodichloromethane	ND<0.5	91	70-130
2-Hexanone	ND<25	100	70-130
cis-1,3-Dichloropropene	ND<0.5	93	70-130

Project: Parcel C South Naugatuck
Cet#: 10120233

QA Type: Volatile Organics Date Analyzed: 12/10/2010 Batch ID: 70593

Analyte	Blank	LCS%Rec	LCS CL
Toluene	ND<1.0	93	70-130
trans-1,3-Dichloropropene	ND<0.5	94	70-130
1,1,2-Trichloroethane	ND<1.0	90	70-130
Tetrachloroethene	ND<1.0	96	70-130
1,3-Dichloropropane	ND<1.0	91	70-130
Dibromochloromethane	ND<0.5	92	70-130
1,2-Dibromoethane	ND<0.5	93	70-130
Chlorobenzene	ND<1.0	90	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	91	70-130
Ethylbenzene	ND<1.0	92	70-130
m+p Xylenes	ND<1.0	90	70-130
o-Xylene	ND<1.0	88	70-130
Styrene	ND<1.0	92	70-130
Bromoform	ND<1.0	94	70-130
Isopropylbenzene	ND<1.0	122	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	89	70-130
Bromobenzene	ND<1.0	88	70-130
1,2,3-Trichloropropane	ND<1.0	89	70-130
n-Propylbenzene	ND<1.0	84	70-130
2-Chlorotoluene	ND<1.0	72	70-130
4-Chlorotoluene	ND<1.0	102	70-130
1,3,5-Trimethylbenzene	ND<1.0	96	70-130
tert-Butylbenzene	ND<1.0	90	70-130
1,2,4-Trimethylbenzene	ND<1.0	94	70-130
sec-Butylbenzene	ND<1.0	88	70-130
1,3-Dichlorobenzene	ND<1.0	91	70-130
4-Isopropyltoluene	ND<1.0	94	70-130
1,4-Dichlorobenzene	ND<1.0	89	70-130
1,2-Dichlorobenzene	ND<1.0	94	70-130
n-Butylbenzene	ND<1.0	93	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	107	70-130
1,2,4-Trichlorobenzene	ND<1.0	99	70-130
Hexachlorobutadiene	ND<0.45	94	70-130
Naphthalene	ND<1.0	104	70-130
1,2,3-Trichlorobenzene	ND<1.0	99	70-130

All associated samples: AE58545

QA Type: Conn. Extractable TPH Date Analyzed: 12/11/2010 Batch ID: 70607

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	94	60-120

All associated samples: AE58545

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 12/13/2010 Batch ID: 70612

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	46	30-130
n-Nitroso-dimethylamine	ND<300	60	40-140
bis(2-Chloroethyl)ether	ND<300	74	40-140
Phenol	ND<300	71	30-130
Aniline	ND<300	62	30-130
2-Chlorophenol	ND<300	81	30-130
1,3-Dichlorobenzene	ND<300	69	40-140
1,4-Dichlorobenzene	ND<300	70	40-140

Project: Parcel C South Naugatuck
Cet#: 10120233

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 12/13/2010 Batch ID: 70612

Analyte	Blank	LCS%Rec	LCS CL
Benzyl Alcohol	ND<300	41	30-130
1,2-Dichlorobenzene	ND<300	71	40-140
bis(2-chloroisopropyl)ether	ND<300	72	40-140
Hexachloroethane	ND<300	70	40-140
N-Nitroso-di-n-propylamine	ND<300	69	40-140
2-Methyl Phenol	ND<300	74	30-130
3+4 Methyl Phenol	ND<300	79	30-130
Nitrobenzene	ND<300	72	40-140
Isophorone	ND<300	71	40-140
2-Nitrophenol	ND<300	80	30-130
2,4-Dimethylphenol	ND<300	69	30-130
bis(2-Chloroethoxy)methane	ND<300	72	40-140
2,4-Dichlorophenol	ND<300	86	30-130
1,2,4-Trichlorobenzene	ND<300	79	40-140
Naphthalene	ND<300	74	40-140
4-Chloroaniline	ND<300	72	30-130
Hexachlorobutadiene	ND<300	76	40-140
4-Chloro-3-methylphenol	ND<300	81	30-130
2-Methyl Naphthalene	ND<300	87	40-140
Hexachlorocyclopentadiene	ND<300	54	40-140
2,4,6-Trichlorophenol	ND<300	77	30-130
2,4,5-Trichlorophenol	ND<300	86	30-130
2-Chloronaphthalene	ND<300	79	30-130
2-Nitroaniline	ND<300	80	30-130
Acenaphthylene	ND<300	73	40-140
Dimethylphthalate	ND<300	80	40-140
2,6-Dinitrotoluene	ND<300	80	40-140
4-Nitroaniline	ND<300	85	30-130
Acenaphthene	ND<300	78	40-140
2,4-Dinitrophenol	ND<300	83	30-130
2,4-Dinitrotoluene	ND<300	80	40-140
4-Nitrophenol	ND<300	75	30-130
Dibenzofuran	ND<300	82	40-140
Fluorene	ND<300	80	40-140
4-Chlorophenyl-phenylether	ND<300	81	40-140
Diethylphthalate	ND<300	83	40-140
3-Nitroaniline	ND<300	68	30-130
4,6-Dinitro-2-methylphenol	ND<300	94	30-130
n-Nitrosodiphenylamine	ND<300	88	40-140
4-Bromophenyl-phenylether	ND<300	77	40-140
Hexachlorobenzene	ND<300	76	40-140
Pentachlorophenol	ND<300	75	30-130
Phenanthrene	ND<300	77	40-140
Anthracene	ND<300	79	40-140
Di-n-butylphthalate	ND<300	84	40-140
Fluoranthene	ND<300	81	40-140
Pyrene	ND<300	82	40-140
Butylbenzylphthalate	ND<300	87	40-140
Benzo[a]anthracene	ND<300	79	40-140
Chrysene	ND<300	81	40-140
bis(2-Ethylhexyl)phthalate	ND<300	91	40-140
Di-n-octylphthalate	ND<300	90	40-140
Benzo[b]fluoranthene	ND<300	94	40-140

Project: Parcel C South Naugatuck
Cet#: 10120233

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 12/13/2010 Batch ID: 70612

Analyte	Blank	LCS%Rec	LCS CL
Benzo[k]fluoranthene	ND<300	98	40-140
Benzo[a]pyrene	ND<300	98	40-140
Indeno[1,2,3-cd]pyrene	ND<300	92	40-140
Dibenz[a,h]anthracene	ND<300	92	40-140
Benzo[g,h,i]perylene	ND<300	89	40-140

All associated samples: AE58545

QA Type: Total Metals Date Analyzed: 12/13/2010 Batch ID: 70618

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	105	80-120
Arsenic	ND<1.0	107	80-120

All associated samples: AE58545

QA Type: SPLP Metals Date Analyzed: 12/13/2010 Batch ID: 70621

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	86	80-120
Arsenic	ND<0.009	90	80-120

All associated samples: AE58545

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration VOC			
Chloromethane	70593	36 H	20
Vinyl Chloride	70593	26 H	20
Bromomethane	70593	34 H	20
Methylene Chloride	70593	21 H	20
2,2-Dichloropropane	70593	25 H	20
Tetrahydrofuran	70593	21 H	20
All associated samples: AE58545			
Initial Calibration SVOC			
Benzyl Alcohol	70612	21 H	20
2,4-Dinitrophenol	70612	27 H	20
All associated samples: AE58545			

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
Hexachlorocyclopentadiene	70612	31 L	35-65	12/13/2010
2,4-Dinitrophenol	70612	69 H	35-65	12/13/2010
All associated samples: AE58545				

QC Batch Report

Volatile Organics Batch 70593

CET ID	Client Sample ID	Matrix	Collection Date
AE58545	EA-8 Composite	Soil	12/8/2010

Conn. Extractable TPH Batch 70607

CET ID	Client Sample ID	Matrix	Collection Date
AE58545	EA-8 Composite	Soil	12/8/2010

EPA 8270C Semi-Volatile Organics Batch 70612

CET ID	Client Sample ID	Matrix	Collection Date
AE58545	EA-8 Composite	Soil	12/8/2010

Total Metals Batch 70618

CET ID	Client Sample ID	Matrix	Collection Date
AE58545	EA-8 Composite	Soil	12/8/2010

SPLP Metals Batch 70621

CET ID	Client Sample ID	Matrix	Collection Date
AE58545	EA-8 Composite	Soil	12/8/2010

Narrative

4. Vinyl Chloride LCS recovery low (57%) for batch 70593.
   Chloromethane Initial Cal % RSD high(36%) for batch 70593.
   Vinyl Chloride Initial Cal % RSD high(26%) for batch 70593.
   Bromomethane Initial Cal % RSD high(34%) for batch 70593.
   Methylene Chloride Initial Cal % RSD high(21%) for batch 70593.
   2,2-Dichloropropane Initial Cal % RSD high(25%) for batch 70593.
   Tetrahydrofuran Initial Cal % RSD high(21%) for batch 70593.
   Benzyl Alcohol Initial Cal % RSD high(21%) for batch 70612.
   2,4-Dinitrophenol Initial Cal % RSD high(27%) for batch 70612.
   Hexachlorocyclopentadiene CC low for batch 70612.
   2,4-Dinitrophenol CC high for batch 70612.

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by the client.

Project: Parcel C South Naugatuck
Cet#: 10120233

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one)

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2–3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Total Lead	Total Arsenic	SPLP Lead	SPLP Arsenic	TOTAL # OF CONT.	NOTE #
EA-8 Composite	12/9/10	Soil		X			X						X	X											X	X	X	X	5	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)																														
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)							V						G	G											G	G	G	G	(5)	
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)							M																							

Organics: 8260 CT List through Pesticides. Metals (check all that apply): 13 Priority Poll through Lab To Filter. Additional Analysis: Total Lead, Total Arsenic, SPLP Lead, SPLP Arsenic.

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	[illegible]	[illegible]

NOTES: Also Report Results to AL KOVALIK @ AKOVALIK@geodesign.NET.

Client / Reporting Information

Company Name: Geo Design Inc

Address: 984 Southford Road

City: Middlebury State: CT Zip: 06762

Report To: Chris Fogaros E-mail: cfogaros@geodesign.net

Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: AL KOVALIK PO #: 3101-41

Project: Parcel C South Project #: 3101-41

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: (Y) or N
Temp Upon Receipt 2.0 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Eggers
GeoDesign
984 Southford Rd
Middlebury, CT 06492

RECEIVED
DEC 20 2010
GeoDesign, Inc.

Analytical Report

GARAGE TEST PITS
GA 14, 15, 16, 17

CET # 10120128r

Report Date: December 9, 2010
Client Project: Parcel C South Naugatuck
Client Project #: 3101-4.1
Client P.O. #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

NELAP ACCREDITED TNI LABORATORY

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE58229	GA 14-4	Soil	12/3/2010	13:40	12//0/2010
AE58230	GA 14-7	Soil	12/3/2010	13:45	12//0/2010
AE58231	GA 15-4	Soil	12/3/2010	14:00	12//0/2010
AE58232	GA 15-6	Soil	12/3/2010	14:00	12//0/2010
AE58233	GA 16-6	Soil	12/3/2010	14:10	12//0/2010
AE58234	GA 17-7	Soil	12/3/2010	14:30	12//0/2010

Sample temperature upon receipt was 2.4 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
CET ID	AE58229	AE58230	AE58231	AE58232	AE58233
Date Analyzed	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010

Acid Digestion [EPA 3050B]

Client ID	GA 17-7
CET ID	AE58234
Date Analyzed	12/7/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
CET ID	AE58229	AE58230	AE58231	AE58232	AE58233
Date Analyzed	12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	GA 17-7
CET ID	AE58234
Date Analyzed	12/6/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
CET ID	AE58229	AE58230	AE58231	AE58232	AE58233
Date Analyzed	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	GA 17-7
CET ID	AE58234
Date Analyzed	12/7/2010

Closed System P&T Extraction [EPA 5035A]

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
CET ID	AE58229	AE58230	AE58231	AE58232	AE58233
Date Analyzed	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010

Closed System P&T Extraction [EPA 5035A]

Client ID	GA 17-7
CET ID	AE58234
Date Analyzed	12/7/2010

SPLP, Metals [EPA 1312]

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
CET ID	AE58229	AE58230	AE58231	AE58232	AE58233
Date Analyzed	12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010

SPLP, Metals [EPA 1312]

Client ID	GA 17-7
CET ID	AE58234
Date Analyzed	12/6/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
CET ID	AE58229	AE58230	AE58231	AE58232	AE58233
Date Analyzed	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010
Total Solids	86	77	84	81	91

Total Solids [EPA 160.3 mo] Units: percent

Client ID	GA 17-7
CET ID	AE58234
Date Analyzed	12/7/2010
Total Solids	95

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
CET ID	AE58229	AE58230	AE58231	AE58232	AE58233
Date Analyzed	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010
Dilution	1.0	1.0	1.0	1.0	1.0
Lead	45	6.3	200	17	7.7
Arsenic	1.7	2.3	2.4	2.9	2.1

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	GA 17-7
CET ID	AE58234
Date Analyzed	12/7/2010
Dilution	1.0
Lead	6.2
Arsenic	ND < 1.5

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
CET ID	AE58229	AE58230	AE58231	AE58232	AE58233
Date Analyzed	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010
Dilution	1.0	1.0	1.0	1.0	1.0
Lead	ND < 0.013	ND < 0.013	ND < 0.013	ND < 0.013	ND < 0.013
Arsenic	ND < 0.009	ND < 0.009	ND < 0.009	ND < 0.009	ND < 0.009

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	GA 17-7
CET ID	AE58234
Date Analyzed	12/7/2010
Dilution	1.0
Lead	ND < 0.013
Arsenic	ND < 0.009

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
CET ID	AE58229	AE58230	AE58231	AE58232	AE58233
Date Analyzed	12/9/2010	12/7/2010	12/7/2010	12/7/2010	12/7/2010
Dilution	1.0	1.0	1.0	1.0	1.0
Pyridine	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
n-Nitroso-dimethylamine	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
bis(2-Chloroethyl)ether	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Phenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Aniline	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2-Chlorophenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
1,3-Dichlorobenzene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
1,4-Dichlorobenzene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Benzyl Alcohol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
1,2-Dichlorobenzene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
bis(2-chloroisopropyl)ether	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Hexachloroethane	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
N-Nitroso-di-n-propylamine	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2-Methyl Phenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
3+4 Methyl Phenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Nitrobenzene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Isophorone	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2-Nitrophenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2,4-Dimethylphenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
bis(2-Chloroethoxy)methane	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Benzoic Acid	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2,4-Dichlorophenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
1,2,4-Trichlorobenzene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Naphthalene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2,6-Dichlorophenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
4-Chloroaniline	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Hexachlorobutadiene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
4-Chloro-3-methylphenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2-Methyl Naphthalene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Hexachlorocyclopentadiene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2,4,6-Trichlorophenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2,4,5-Trichlorophenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2-Chloronaphthalene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2-Nitroaniline	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Acenaphthylene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Dimethylphthalate	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2,6-Dinitrotoluene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
4-Nitroaniline	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Acenaphthene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2,4-Dinitrophenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2,4-Dinitrotoluene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
4-Nitrophenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Dibenzofuran	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2,3,4,6-Tetrachlorophenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Fluorene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
4-Chlorophenyl-phenylether	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Diethylphthalate	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
3-Nitroaniline	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
4,6-Dinitro-2-methylphenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
n-Nitrosodiphenylamine	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Azobenzene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
4-Bromophenyl-phenylether	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Hexachlorobenzene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Pentachlorophenol	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Phenanthrene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Anthracene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Carbazole	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Di-n-butylphthalate	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
Fluoranthene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Pyrene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Butylbenzylphthalate	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
3,3-Dichlorobenzidine	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Benzo[a]anthracene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Chrysene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
bis(2-Ethylhexyl)phthalate	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Di-n-octylphthalate	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Benzo[b]fluoranthene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Benzo[k]fluoranthene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Benzo[a]pyrene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Indeno[1,2,3-cd]pyrene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Dibenz[a,h]anthracene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
Benzo[g,h,i]perylene	ND < 349	ND < 390	ND < 358	ND < 371	ND < 330
2-Fluorophenol (Surr) 30-130	66.5	75.3	73.5	76.4	72.4
Phenol-d5 (Surr) 30-130	66.8	84.5	86.1	86.4	86.3
Nitrobenzene-d5(Surr) 30-130	66	68	69.8	71.5	69.7
2-Fluorobiphenyl (Surr) 30-130	73	80.4	84	82.3	84.7
2,4,6-Tribromophenol (Surr) 30-130	58.3	84.5	78.1	83.3	83.1
Terphenyl-d14 (Surr) 30-130	82.7	96.2	96.1	112	107

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA 17-7
CET ID	AE58234
Date Analyzed	12/7/2010
Dilution	1.0
Pyridine	ND < 316
n-Nitroso-dimethylamine	ND < 316
bis(2-Chloroethyl)ether	ND < 316
Phenol	ND < 316
Aniline	ND < 316
2-Chlorophenol	ND < 316
1,3-Dichlorobenzene	ND < 316
1,4-Dichlorobenzene	ND < 316
Benzyl Alcohol	ND < 316
1,2-Dichlorobenzene	ND < 316
bis(2-chloroisopropyl)ether	ND < 316
Hexachloroethane	ND < 316
N-Nitroso-di-n-propylamine	ND < 316
2-Methyl Phenol	ND < 316
3+4 Methyl Phenol	ND < 316
Nitrobenzene	ND < 316
Isophorone	ND < 316
2-Nitrophenol	ND < 316
2,4-Dimethylphenol	ND < 316
bis(2-Chloroethoxy)methane	ND < 316
Benzoic Acid	ND < 316
2,4-Dichlorophenol	ND < 316
1,2,4-Trichlorobenzene	ND < 316

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA 17-7
Naphthalene	ND < 316
2,6-Dichlorophenol	ND < 316
4-Chloroaniline	ND < 316
Hexachlorobutadiene	ND < 316
4-Chloro-3-methylphenol	ND < 316
2-Methyl Naphthalene	ND < 316
Hexachlorocyclopentadiene	ND < 316
2,4,6-Trichlorophenol	ND < 316
2,4,5-Trichlorophenol	ND < 316
2-Chloronaphthalene	ND < 316
2-Nitroaniline	ND < 316
Acenaphthylene	ND < 316
Dimethylphthalate	ND < 316
2,6-Dinitrotoluene	ND < 316
4-Nitroaniline	ND < 316
Acenaphthene	ND < 316
2,4-Dinitrophenol	ND < 316
2,4-Dinitrotoluene	ND < 316
4-Nitrophenol	ND < 316
Dibenzofuran	ND < 316
2,3,4,6-Tetrachlorophenol	ND < 316
Fluorene	ND < 316
4-Chlorophenyl-phenylether	ND < 316
Diethylphthalate	ND < 316
3-Nitroaniline	ND < 316
4,6-Dinitro-2-methylphenol	ND < 316
n-Nitrosodiphenylamine	ND < 316
Azobenzene	ND < 316
4-Bromophenyl-phenylether	ND < 316
Hexachlorobenzene	ND < 316
Pentachlorophenol	ND < 316
Phenanthrene	ND < 316
Anthracene	ND < 316
Carbazole	ND < 316
Di-n-butylphthalate	ND < 316
Fluoranthene	ND < 316
Pyrene	ND < 316
Butylbenzylphthalate	ND < 316
3,3-Dichlorobenzidine	ND < 316
Benzo[a]anthracene	ND < 316
Chrysene	ND < 316
bis(2-Ethylhexyl)phthalate	ND < 316
Di-n-octylphthalate	ND < 316
Benzo[b]fluoranthene	ND < 316
Benzo[k]fluoranthene	ND < 316
Benzo[a]pyrene	ND < 316
Indeno[1,2,3-cd]pyrene	ND < 316

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA 17-7
Dibenz[a,h]anthracene	ND < 316
Benzo[g,h,i]perylene	ND < 316
2-Fluorophenol (Surr) 30-130	75.9
Phenol-d5 (Surr) 30-130	86.9
Nitrobenzene-d5(Surr) 30-130	65.9
2-Fluorobiphenyl (Surr) 30-130	83.4
2,4,6-Tribromophenol (Surr) 30-130	81.9
Terphenyl-d14 (Surr) 30-130	104

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
CET ID	AE58229	AE58230	AE58231	AE58232	AE58233
Date Analyzed	12/7/2010	12/7/2010	12/7/2010	12/7/2010	12/8/2010
Dilution	1.0	1.0	1.0	1.0	1.0
ETPH	ND < 59	ND < 65	ND < 60	ND < 62	ND < 55
Octacosane (surr) 50-150	90.9	81.2	81.8	91.8	95.3

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	GA 17-7
CET ID	AE58234
Date Analyzed	12/8/2010
Dilution	1.0
ETPH	ND < 53
Octacosane (surr) 50-150	88

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
CET ID	AE58229	AE58230	AE58231	AE58232	AE58233
Date Analyzed	12/6/2010	12/6/2010	12/6/2010	12/6/2010	12/6/2010
Dilution	1.4	1.6	1.8	1.7	1.9
Dichlorodifluoromethane	ND < 13	ND < 16	ND < 16	ND < 16	ND < 16
Chloromethane	ND < 9.0	ND < 11	ND < 11	ND < 11	ND < 11
Vinyl Chloride	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Bromomethane	ND < 9.0	ND < 11	ND < 11	ND < 11	ND < 11
Chloroethane	ND < 9.0	ND < 11	ND < 11	ND < 11	ND < 11
Acetone	ND < 130	ND < 150	ND < 160	ND < 160	ND < 160
Acrylonitrile	ND < 7.0	ND < 9.0	ND < 9.0	ND < 9.0	ND < 9.0
Trichlorofluoromethane	ND < 13	ND < 16	ND < 16	ND < 16	ND < 16
Trichlorotrifluoroethane	ND < 26	ND < 31	ND < 32	ND < 32	ND < 32
1,1-Dichloroethene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Methylene Chloride	ND < 42	ND < 51	ND < 53	ND < 52	ND < 54
Carbon Disulfide	ND < 9.0	ND < 11	ND < 11	ND < 11	ND < 11
Methyl-t-Butyl Ether (MTBE)	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
trans-1,2-Dichloroethene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
1,1-Dichloroethane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
2-Butanone (MEK)	ND < 21	ND < 26	ND < 27	ND < 26	ND < 27
2,2-Dichloropropane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
cis-1,2-Dichloroethene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Chloroform	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Tetrahydrofuran	ND < 21	ND < 26	ND < 27	ND < 26	ND < 27
1,1,1-Trichloroethane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Carbon Tetrachloride	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,1-Dichloropropene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Benzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,2-Dichloroethane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Methyl Isobutyl Ketone	ND < 21	ND < 26	ND < 27	ND < 26	ND < 27
Trichloroethene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,2-Dichloropropane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Dibromomethane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Bromodichloromethane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
2-Hexanone	ND < 21	ND < 26	ND < 27	ND < 26	ND < 27
cis-1,3-Dichloropropene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Toluene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
trans-1,3-Dichloropropene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,1,2-Trichloroethane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Tetrachloroethene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,3-Dichloropropane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Dibromochloromethane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,2-Dibromoethane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
trans-1,4-Dichloro-2-Butene	ND < 21	ND < 26	ND < 27	ND < 26	ND < 27
Chlorobenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,1,1,2-Tetrachloroethane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Ethylbenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
m+p Xylenes	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
o-Xylene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Styrene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Bromoform	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Isopropylbenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,1,2,2-Tetrachloroethane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Bromobenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,2,3-Trichloropropane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
n-Propylbenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
2-Chlorotoluene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
4-Chlorotoluene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,3,5-Trimethylbenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
tert-Butylbenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,2,4-Trimethylbenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
sec-Butylbenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,3-Dichlorobenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
4-Isopropyltoluene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,4-Dichlorobenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,2-Dichlorobenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
n-Butylbenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,2-Dibromo-3-Chloropropane	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,2,4-Trichlorobenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
Hexachlorobutadiene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA 14-4	GA 14-7	GA 15-4	GA 15-6	GA 16-6
Naphthalene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,2,3-Trichlorobenzene	ND < 5.0	ND < 6.0	ND < 6.0	ND < 6.0	ND < 6.0
1,2 Dichloroethane-d4 (SURR) 70-130	115	116	114	111	109
toluene-d8 (SURR) 70-130	99.7	98	100	99.5	98.5
4-bromofluorobenzene (SURR) 70-130	89.3	90.2	88.6	88	89

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA 17-7
CET ID	AE58234
Date Analyzed	12/6/2010
Dilution	1.7
Dichlorodifluoromethane	ND < 14
Chloromethane	ND < 9.0
Vinyl Chloride	ND < 5.0
Bromomethane	ND < 9.0
Chloroethane	ND < 9.0
Acetone	ND < 140
Acrylonitrile	ND < 8.0
Trichlorofluoromethane	ND < 14
Trichlorotrifluoroethane	ND < 27
1,1-Dichloroethene	ND < 5.0
Methylene Chloride	ND < 45
Carbon Disulfide	ND < 9.0
Methyl-t-Butyl Ether (MTBE)	ND < 5.0
trans-1,2-Dichloroethene	ND < 5.0
1,1-Dichloroethane	ND < 5.0
2-Butanone (MEK)	ND < 23
2,2-Dichloropropane	ND < 5.0
cis-1,2-Dichloroethene	ND < 5.0
Chloroform	ND < 5.0
Tetrahydrofuran	ND < 23
1,1,1-Trichloroethane	ND < 5.0
Carbon Tetrachloride	ND < 5.0
1,1-Dichloropropene	ND < 5.0
Benzene	ND < 5.0
1,2-Dichloroethane	ND < 5.0
Methyl Isobutyl Ketone	ND < 23
Trichloroethene	ND < 5.0
1,2-Dichloropropane	ND < 5.0
Dibromomethane	ND < 5.0
Bromodichloromethane	ND < 5.0
2-Hexanone	ND < 23
cis-1,3-Dichloropropene	ND < 5.0
Toluene	ND < 5.0
trans-1,3-Dichloropropene	ND < 5.0
1,1,2-Trichloroethane	ND < 5.0
Tetrachloroethene	ND < 5.0
1,3-Dichloropropane	ND < 5.0
Dibromochloromethane	ND < 5.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA 17-7
1,2-Dibromoethane	ND < 5.0
trans-1,4-Dichloro-2-Butene	ND < 23
Chlorobenzene	ND < 5.0
1,1,1,2-Tetrachloroethane	ND < 5.0
Ethylbenzene	ND < 5.0
m+p Xylenes	ND < 5.0
o-Xylene	ND < 5.0
Styrene	ND < 5.0
Bromoform	ND < 5.0
Isopropylbenzene	ND < 5.0
1,1,2,2-Tetrachloroethane	ND < 5.0
Bromobenzene	ND < 5.0
1,2,3-Trichloropropane	ND < 5.0
n-Propylbenzene	ND < 5.0
2-Chlorotoluene	ND < 5.0
4-Chlorotoluene	ND < 5.0
1,3,5-Trimethylbenzene	ND < 5.0
tert-Butylbenzene	ND < 5.0
1,2,4-Trimethylbenzene	ND < 5.0
sec-Butylbenzene	ND < 5.0
1,3-Dichlorobenzene	ND < 5.0
4-Isopropyltoluene	ND < 5.0
1,4-Dichlorobenzene	ND < 5.0
1,2-Dichlorobenzene	ND < 5.0
n-Butylbenzene	ND < 5.0
1,2-Dibromo-3-Chloropropane	ND < 5.0
1,2,4-Trichlorobenzene	ND < 5.0
Hexachlorobutadiene	ND < 5.0
Naphthalene	ND < 5.0
1,2,3-Trichlorobenzene	ND < 5.0
1,2 Dichloroethane-d4 (SURR) 70-130	113
toluene-d8 (SURR) 70-130	99.4
4-bromofluorobenzene (SURR) 70-130	88.6

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Revision: Re-analyzed sample AE58229 for semi-volatiles.

10120128

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: TOTAL LEAD, TOTAL ARSENIC, SPLP LEAD, SPLP ARSENIC

Sample ID	Date/Time	Matrix	Same Day	24 Hours	3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	TOTAL ARSENIC	SPLP LEAD	SPLP ARSENIC						TOTAL # OF CONT.	NOTE #
GA 14-4'	12-3-10 / 1346	Soil			2		X						X	X											X	X	X	X						5	
GA 14-7'	12-3-10 / 1349				2		X						X	X											X	X	X	X						5	
GA 15-4	12-3-10 / 1400				2		X						X	X											X	X	X	X						5	
GA 15-6'	12-3-10 / 1400				2		X						X	X											X	X	X	X						5	
GA 16-6'	12-3-10 / 1410				2		X						X	X											X	X	X	X						5	
GA 17-7'	12-3-10 / 1430				2		X						X	X											X	X	X	X						5	

PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

TOTAL # OF CONT.: 30

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Eggers	12-6-2010 / 7:33	[illegible] 12-6-10 1033
[illegible]	12-6-10 1525	[illegible]

NOTES: Copy Results to Al Kovalik, AKovalik@geodesign.net

Client / Reporting Information

Company Name: GeoDesign, Inc.
Address: 984 SOUTHFORD ROAD
City: MIDDLEBURY State: CT Zip: 06762
Report To: Chris Eggers E-mail: CEGGERS@geodesign.NET
Phone #: 203-758-8836 ext 114 Fax #: 203-758-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1
Project: PARCEL C - SOUTH Project #: 3101-4.1
Location: NAUGATUCK, CT Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: [illegible] °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE58229-AE58234 ***Sampling Date(s):*** 12/3/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10120128

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 12/15/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South Naugatuck
CET#: 10120128

Blank/LCS Report

QA Type: Volatile Organics Date Analyzed: 12/6/2010 Batch ID: 70504

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	84	70-130
Chloromethane	ND<2.7	79	70-130
Vinyl Chloride	ND<1.6	58 L	70-130
Bromomethane	ND<5.0	70	70-130
Chloroethane	ND<5.0	90	70-130
Acetone	ND<50	48 L	70-130
Acrylonitrile	ND<20	84	70-130
Trichlorofluoromethane	ND<25	87	70-130
Trichlorotrifluoroethane	ND<25	87	70-130
1,1-Dichloroethene	ND<1.0	89	70-130
Methylene Chloride	ND<5.0	84	70-130
Carbon Disulfide	ND<5.0	85	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	92	70-130
trans-1,2-Dichloroethene	ND<1.0	89	70-130
1,1-Dichloroethane	ND<1.0	88	70-130
2-Butanone (MEK)	ND<25	78	70-130
2,2-Dichloropropane	ND<1.0	88	70-130
cis-1,2-Dichloroethene	ND<1.0	88	70-130
Chloroform	ND<1.0	87	70-130
Tetrahydrofuran	ND<5.0	82	70-130
1,1,1-Trichloroethane	ND<1.0	88	70-130
Carbon Tetrachloride	ND<1.0	89	70-130
1,1-Dichloropropene	ND<1.0	87	70-130
Benzene	ND<1.0	87	70-130
1,2-Dichloroethane	ND<1.0	91	70-130
Methyl Isobutyl Ketone	ND<25	90	70-130
Trichloroethene	ND<1.0	89	70-130
1,2-Dichloropropane	ND<1.0	90	70-130
Dibromomethane	ND<1.0	92	70-130
Bromodichloromethane	ND<0.5	88	70-130
2-Hexanone	ND<25	88	70-130
cis-1,3-Dichloropropene	ND<0.5	91	70-130

Project: Parcel C South Naugatuck
Cet#: 10120128

QA Type: Volatile Organics Date Analyzed: 12/6/2010 Batch ID: 70504

Analyte	Blank	LCS%Rec	LCS CL
Toluene	ND<1.0	87	70-130
trans-1,3-Dichloropropene	ND<0.5	91	70-130
1,1,2-Trichloroethane	ND<1.0	87	70-130
Tetrachloroethene	ND<1.0	86	70-130
1,3-Dichloropropane	ND<1.0	88	70-130
Dibromochloromethane	ND<0.5	90	70-130
1,2-Dibromoethane	ND<0.5	91	70-130
Chlorobenzene	ND<1.0	89	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	90	70-130
Ethylbenzene	ND<1.0	89	70-130
m+p Xylenes	ND<1.0	88	70-130
o-Xylene	ND<1.0	88	70-130
Styrene	ND<1.0	89	70-130
Bromoform	ND<1.0	87	70-130
Isopropylbenzene	ND<1.0	86	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	86	70-130
Bromobenzene	ND<1.0	93	70-130
1,2,3-Trichloropropane	ND<1.0	91	70-130
n-Propylbenzene	ND<1.0	90	70-130
2-Chlorotoluene	ND<1.0	93	70-130
4-Chlorotoluene	ND<1.0	90	70-130
1,3,5-Trimethylbenzene	ND<1.0	85	70-130
tert-Butylbenzene	ND<1.0	89	70-130
1,2,4-Trimethylbenzene	ND<1.0	84	70-130
sec-Butylbenzene	ND<1.0	88	70-130
1,3-Dichlorobenzene	ND<1.0	89	70-130
4-Isopropyltoluene	ND<1.0	89	70-130
1,4-Dichlorobenzene	ND<1.0	86	70-130
1,2-Dichlorobenzene	ND<1.0	89	70-130
n-Butylbenzene	ND<1.0	88	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	91	70-130
1,2,4-Trichlorobenzene	ND<1.0	87	70-130
Hexachlorobutadiene	ND<0.45	88	70-130
Naphthalene	ND<1.0	93	70-130
1,2,3-Trichlorobenzene	ND<1.0	89	70-130

All associated samples: AE58229 AE58230 AE58231 AE58232 AE58233 AE58234

QA Type: Total Metals Date Analyzed: 12/7/2010 Batch ID: 70512

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	102	80-120
Arsenic	ND<1.0	103	80-120

All associated samples: AE58229 AE58230 AE58231 AE58232 AE58233 AE58234

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 12/7/2010 Batch ID: 70516

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	34	30-130
n-Nitroso-dimethylamine	ND<300	69	40-140
bis(2-Chloroethyl)ether	ND<300	85	40-140
Phenol	ND<300	91	30-130
Aniline	ND<300	65	30-130
2-Chlorophenol	ND<300	77	30-130
1,3-Dichlorobenzene	ND<300	72	40-140

Project: Parcel C South Naugatuck
Cet#: 10120128

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 12/7/2010 Batch ID: 70516

Analyte	Blank	LCS%Rec	LCS CL
1,4-Dichlorobenzene	ND<300	74	40-140
Benzyl Alcohol	ND<300	52	30-130
1,2-Dichlorobenzene	ND<300	77	40-140
bis(2-chloroisopropyl)ether	ND<300	108	40-140
Hexachloroethane	ND<300	71	40-140
N-Nitroso-di-n-propylamine	ND<300	89	40-140
2-Methyl Phenol	ND<300	81	30-130
3+4 Methyl Phenol	ND<300	83	30-130
Nitrobenzene	ND<300	78	40-140
Isophorone	ND<300	84	40-140
2-Nitrophenol	ND<300	79	30-130
2,4-Dimethylphenol	ND<300	62	30-130
bis(2-Chloroethoxy)methane	ND<300	86	40-140
2,4-Dichlorophenol	ND<300	82	30-130
1,2,4-Trichlorobenzene	ND<300	82	40-140
Naphthalene	ND<300	82	40-140
4-Chloroaniline	ND<300	57	30-130
Hexachlorobutadiene	ND<300	80	40-140
4-Chloro-3-methylphenol	ND<300	78	30-130
2-Methyl Naphthalene	ND<300	85	40-140
Hexachlorocyclopentadiene	ND<300	72	40-140
2,4,6-Trichlorophenol	ND<300	78	30-130
2,4,5-Trichlorophenol	ND<300	72	30-130
2-Chloronaphthalene	ND<300	82	30-130
2-Nitroaniline	ND<300	77	30-130
Acenaphthylene	ND<300	78	40-140
Dimethylphthalate	ND<300	84	40-140
2,6-Dinitrotoluene	ND<300	81	40-140
4-Nitroaniline	ND<300	73	30-130
Acenaphthene	ND<300	84	40-140
2,4-Dinitrophenol	ND<300	58	30-130
2,4-Dinitrotoluene	ND<300	85	40-140
4-Nitrophenol	ND<300	68	30-130
Dibenzofuran	ND<300	84	40-140
Fluorene	ND<300	86	40-140
4-Chlorophenyl-phenylether	ND<300	82	40-140
Diethylphthalate	ND<300	80	40-140
3-Nitroaniline	ND<300	70	30-130
4,6-Dinitro-2-methylphenol	ND<300	74	30-130
n-Nitrosodiphenylamine	ND<300	97	40-140
Azobenzene	ND<300	95	40-140
4-Bromophenyl-phenylether	ND<300	101	40-140
Hexachlorobenzene	ND<300	98	40-140
Pentachlorophenol	ND<300	75	30-130
Phenanthrene	ND<300	92	40-140
Anthracene	ND<300	90	40-140
Di-n-butylphthalate	ND<300	104	40-140
Fluoranthene	ND<300	94	40-140
Pyrene	ND<300	92	40-140
Butylbenzylphthalate	ND<300	88	40-140
Benzo[a]anthracene	ND<300	97	40-140

Project: Parcel C South Naugatuck
Cet#: 10120128

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 12/7/2010 Batch ID: 70516

Analyte	Blank	LCS%Rec	LCS CL
Chrysene	ND<300	85	40-140
bis(2-Ethylhexyl)phthalate	ND<300	85	40-140
Di-n-octylphthalate	ND<300	93	40-140
Benzo[b]fluoranthene	ND<300	112	40-140
Benzo[k]fluoranthene	ND<300	108	40-140
Benzo[a]pyrene	ND<300	106	40-140
Indeno[1,2,3-cd]pyrene	ND<300	73	40-140
Dibenz[a,h]anthracene	ND<300	70	40-140
Benzo[g,h,i]perylene	ND<300	63	40-140

All associated samples: AE58229 AE58230 AE58231 AE58232 AE58233 AE58234

QA Type: SPLP Metals Date Analyzed: 12/7/2010 Batch ID: 70519

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	99	80-120
Arsenic	ND<0.009	98	80-120

All associated samples: AE58229 AE58230 AE58231 AE58232 AE58233 AE58234

QA Type: Conn. Extractable TPH Date Analyzed: 12/7/2010 Batch ID: 70522

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	97	60-120

All associated samples: AE58229 AE58230 AE58231 AE58232 AE58233 AE58234

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration VOC			
Chloromethane	70504	36 H	20
Vinyl Chloride	70504	26 H	20
Bromomethane	70504	34 H	20
Methylene Chloride	70504	21 H	20
2,2-Dichloropropane	70504	25 H	20
Tetrahydrofuran	70504	21 H	20

All associated samples: AE58229 AE58230 AE58231 AE58232 AE58233 AE58234

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Volatile Organics Cont Cal				
Vinyl Chloride	70504	29 L	35-65	12/6/2010
Acetone	70504	48 L	70-130	12/6/2010

All associated samples: AE58229 AE58230 AE58231 AE58232 AE58233 AE58234

Semi-Vol Cont Cal				
Indeno[1,2,3-cd]pyrene	70516	11 L	17.5-32.5	12/7/2010
Dibenz[a,h]anthracene	70516	11 L	17.5-32.5	12/7/2010
Benzo[g,h,i]perylene	70516	9.4 L	17.5-32.5	12/7/2010

All associated samples: AE58229 AE58230 AE58231 AE58232 AE58233 AE58234

QC Batch Report

Volatile Organics Batch 70504

CET ID	Client Sample ID	Matrix	Collection Date
AE58229	GA 14-4	Soil	12/3/2010
AE58230	GA 14-7	Soil	12/3/2010
AE58231	GA 15-4	Soil	12/3/2010
AE58232	GA 15-6	Soil	12/3/2010
AE58233	GA 16-6	Soil	12/3/2010
AE58234	GA 17-7	Soil	12/3/2010

Total Metals Batch 70512

CET ID	Client Sample ID	Matrix	Collection Date
AE58229	GA 14-4	Soil	12/3/2010
AE58230	GA 14-7	Soil	12/3/2010
AE58231	GA 15-4	Soil	12/3/2010
AE58232	GA 15-6	Soil	12/3/2010
AE58233	GA 16-6	Soil	12/3/2010
AE58234	GA 17-7	Soil	12/3/2010

EPA 8270C Semi-Volatile Organics Batch 70516

CET ID	Client Sample ID	Matrix	Collection Date
AE58229	GA 14-4	Soil	12/3/2010
AE58230	GA 14-7	Soil	12/3/2010
AE58231	GA 15-4	Soil	12/3/2010
AE58232	GA 15-6	Soil	12/3/2010
AE58233	GA 16-6	Soil	12/3/2010
AE58234	GA 17-7	Soil	12/3/2010

SPLP Metals Batch 70519

CET ID	Client Sample ID	Matrix	Collection Date
AE58229	GA 14-4	Soil	12/3/2010
AE58230	GA 14-7	Soil	12/3/2010
AE58231	GA 15-4	Soil	12/3/2010
AE58232	GA 15-6	Soil	12/3/2010
AE58233	GA 16-6	Soil	12/3/2010
AE58234	GA 17-7	Soil	12/3/2010

Conn. Extractable TPH Batch 70522

CET ID	Client Sample ID	Matrix	Collection Date
AE58229	GA 14-4	Soil	12/3/2010
AE58230	GA 14-7	Soil	12/3/2010
AE58231	GA 15-4	Soil	12/3/2010
AE58232	GA 15-6	Soil	12/3/2010
AE58233	GA 16-6	Soil	12/3/2010
AE58234	GA 17-7	Soil	12/3/2010

Narrative

4. Vinyl Chloride LCS recovery low (58%) for batch 70504.
   Acetone LCS recovery low (48%) for batch 70504.
   Chloromethane Initial Cal % RSD high(36%) for batch 70504.
   Vinyl Chloride Initial Cal % RSD high(26%) for batch 70504.
   Bromomethane Initial Cal % RSD high(34%) for batch 70504.
   Methylene Chloride Initial Cal % RSD high(21%) for batch 70504.
   2,2-Dichloropropane Initial Cal % RSD high(25%) for batch 70504.
   Tetrahydrofuran Initial Cal % RSD high(21%) for batch 70504.
   Vinyl Chloride CC low for batch 70504.
   Acetone CC low for batch 70504.
   Indeno[1,2,3-cd]pyrene CC low for batch 70516.
   Dibenz[a,h]anthracene CC low for batch 70516.
   Benzo[g,h,i]perylene CC low for batch 70516.

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by client.

Project: Parcel C South Naugatuck
Cet#: 10120128

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: TOTAL LEAD, TOTAL ARSENIC, SPLP LEAD, SPLP ARSENIC

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	TOTAL ARSENIC	SPLP LEAD	SPLP ARSENIC						TOTAL # OF CONT.	NOTE #
GA 14-4'	12-3-10 / 1340	Soil			2		X						X	X											X	X	X	X						5	
GA 14-7'	12-3-10 / 1345				2		X						X	X											X	X	X	X						5	
GA 15-4	12-3-10 / 1400				2		X						X	X											X	X	X	X						5	
GA 15-6'	12-3-10 / 1400				2		X						X	X											X	X	X	X						5	
GA 16-6'	12-3-10 / 1410				2		X						X	X											X	X	X	X						5	
GA 17-7'	12-3-10 / 1430				2		X						X	X											X	X	X	X						5	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

TOTAL # OF CONT.: 30

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Eggers	12-6-2010 / 7:33	[illegible] / 12-6-10 1033
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:
COPY Results to Al Kovalik, AKovalik@geodesign.net

Client / Reporting Information

Company Name: GeoDesign, Inc.
Address: 984 SOUTHFORD ROAD
City: MIDDLEBURY State: CT Zip: 06762
Report To: Chris Eggers E-mail: CEggers@geodesign.NET
Phone #: 203-758-8836 ext 114 Fax #: 203-758-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1
Project: PARCEL C - SOUTH Project #: 3101-4.1
Location: NAUGATUCK, CT Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 2.1 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Eggers
GeoDesign
984 Southford Rd
Middlebury, CT 06492

RECEIVED
DEC 14 2010
GeoDesign, Inc.

Analytical Report

Brickvault / dirty stage
GA 13
EA9 stockpile

CET # 10120033

Report Date: December 3, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

NELAP ACCREDITED TNI LABORATORY

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE57830	Brick Vault Oily Slu	Sludge	11/30/2010	7:30	12/01/2010
AE57831	GA-13	Soil	11/30/2010	13:15	12/01/2010
AE57832	EA-9 Stockpile	Soil	11/30/2010		12/01/2010

Sample temperature upon receipt was 5.1 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	Brick Vault Oily Slu	GA-13	EA-9 Stockpile
CET ID	AE57830	AE57831	AE57832
Date Analyzed	12/1/2010	12/1/2010	12/1/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	GA-13	EA-9 Stockpile
CET ID	AE57831	AE57832
Date Analyzed	12/2/2010	12/2/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	Brick Vault Oily Slu	GA-13	EA-9 Stockpile
CET ID	AE57830	AE57831	AE57832
Date Analyzed	12/2/2010	12/2/2010	12/2/2010

Closed System P&T Extraction [EPA 5035A]

Client ID	GA-13	EA-9 Stockpile
CET ID	AE57831	AE57832
Date Analyzed	12/3/2010	12/3/2010

SPLP, Metals [EPA 1312]

Client ID	GA-13	EA-9 Stockpile
CET ID	AE57831	AE57832
Date Analyzed	12/1/2010	12/1/2010

ANALYSIS:

Total Mercury [EPA 7471B] Units: mg/kg (Dry Wt)

Client ID	Brick Vault Oily Slu
CET ID	AE57830
Date Analyzed	12/2/2010
Total Mercury	1.3

Flash Point (Ignitability) [EPA 1010] Units: Degrees F

Client ID	Brick Vault Oily Slu
CET ID	AE57830
Date Analyzed	12/1/2010
Flash Point (Ignitability)	>200

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Brick Vault Oily Slu	GA-13	EA-9 Stockpile
CET ID	AE57830	AE57831	AE57832
Date Analyzed	12/3/2010	12/2/2010	12/2/2010
Total Solids	75	92	84

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	Brick Vault Oily Slu	GA-13	EA-9 Stockpile
CET ID	AE57830	AE57831	AE57832
Date Analyzed	12/2/2010	12/2/2010	12/2/2010
Dilution	1.0	1.0	1.0
Lead	6100	4.8	26
Selenium	ND < 1.5	ND < 1.5	ND < 1.5
Cadmium	ND < 1.0	ND < 1.0	ND < 1.0
Chromium	8.5	11	20
Arsenic	29	1.5	2.2
Barium	120	32	84
Silver	ND < 3.0	ND < 2.5	ND < 2.5

Metals Dup Result [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	EA-9 Stockpile
CET ID	AE57832
Date Analyzed	12/2/2010
Dilution	1.0
Lead	27
Selenium	ND < 1.5
Cadmium	ND < 1.0
Chromium	17
Arsenic	1.8
Barium	80
Silver	ND < 2.5

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	GA-13	EA-9 Stockpile
CET ID	AE57831	AE57832
Date Analyzed	12/2/2010	12/3/2010
Dilution	1.0	1.0
Lead	ND < 0.013	ND < 0.013
Arsenic	ND < 0.009	ND < 0.009

PCBs in Insulating Liquids [ASTM D4059-0] Units: mg/kg

Client ID	Brick Vault Oily Slu
CET ID	AE57830
Date Analyzed	12/3/2010
Dilution	10
PCB-1016	ND < 2.0
PCB-1221	ND < 2.0
PCB-1232	ND < 2.0
PCB-1242	ND < 2.0
PCB-1248	ND < 2.0
PCB-1254	ND < 2.0
PCB-1260	ND < 2.0
PCB-1268	ND < 2.0
TCMX (Surr 1) 50-150	97
DCB (Surr 2) 50-150	102

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA-13	EA-9 Stockpile
CET ID	AE57831	AE57832
Date Analyzed	12/3/2010	12/3/2010
Dilution	1.0	1.0
Pyridine	ND < 327	ND < 358
n-Nitroso-dimethylamine	ND < 327	ND < 358
bis(2-Chloroethyl)ether	ND < 327	ND < 358
Phenol	ND < 327	ND < 358
Aniline	ND < 327	ND < 358
2-Chlorophenol	ND < 327	ND < 358
1,3-Dichlorobenzene	ND < 327	ND < 358
1,4-Dichlorobenzene	ND < 327	ND < 358
Benzyl Alcohol	ND < 327	ND < 358
1,2-Dichlorobenzene	ND < 327	ND < 358
bis(2-chloroisopropyl)ether	ND < 327	ND < 358
Hexachloroethane	ND < 327	ND < 358
N-Nitroso-di-n-propylamine	ND < 327	ND < 358
2-Methyl Phenol	ND < 327	ND < 358
3+4 Methyl Phenol	ND < 327	ND < 358
Nitrobenzene	ND < 327	ND < 358
Isophorone	ND < 327	ND < 358
2-Nitrophenol	ND < 327	ND < 358
2,4-Dimethylphenol	ND < 327	ND < 358
bis(2-Chloroethoxy)methane	ND < 327	ND < 358

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA-13	EA-9 Stockpile
Benzoic Acid	ND < 327	ND < 358
2,4-Dichlorophenol	ND < 327	ND < 358
1,2,4-Trichlorobenzene	ND < 327	ND < 358
Naphthalene	ND < 327	ND < 358
2,6-Dichlorophenol	ND < 327	ND < 358
4-Chloroaniline	ND < 327	ND < 358
Hexachlorobutadiene	ND < 327	ND < 358
4-Chloro-3-methylphenol	ND < 327	ND < 358
2-Methyl Naphthalene	ND < 327	ND < 358
Hexachlorocyclopentadiene	ND < 327	ND < 358
2,4,6-Trichlorophenol	ND < 327	ND < 358
2,4,5-Trichlorophenol	ND < 327	ND < 358
2-Chloronaphthalene	ND < 327	ND < 358
2-Nitroaniline	ND < 327	ND < 358
Acenaphthylene	ND < 327	ND < 358
Dimethylphthalate	ND < 327	ND < 358
2,6-Dinitrotoluene	ND < 327	ND < 358
4-Nitroaniline	ND < 327	ND < 358
Acenaphthene	ND < 327	ND < 358
2,4-Dinitrophenol	ND < 327	ND < 358
2,4-Dinitrotoluene	ND < 327	ND < 358
4-Nitrophenol	ND < 327	ND < 358
Dibenzofuran	ND < 327	ND < 358
2,3,4,6-Tetrachlorophenol	ND < 327	ND < 358
Fluorene	ND < 327	ND < 358
4-Chlorophenyl-phenylether	ND < 327	ND < 358
Diethylphthalate	ND < 327	ND < 358
3-Nitroaniline	ND < 327	ND < 358
4,6-Dinitro-2-methylphenol	ND < 327	ND < 358
n-Nitrosodiphenylamine	ND < 327	ND < 358
Azobenzene	ND < 327	ND < 358
4-Bromophenyl-phenylether	ND < 327	ND < 358
Hexachlorobenzene	ND < 327	ND < 358
Pentachlorophenol	ND < 327	ND < 358
Phenanthrene	ND < 327	ND < 358
Anthracene	ND < 327	ND < 358
Carbazole	ND < 327	ND < 358
Di-n-butylphthalate	ND < 327	ND < 358
Fluoranthene	ND < 327	ND < 358
Pyrene	ND < 327	ND < 358
Butylbenzylphthalate	ND < 327	ND < 358
3,3-Dichlorobenzidine	ND < 327	ND < 358
Benzo[a]anthracene	ND < 327	ND < 358
Chrysene	ND < 327	ND < 358
bis(2-Ethylhexyl)phthalate	ND < 327	ND < 358
Di-n-octylphthalate	ND < 327	ND < 358
Benzo[b]fluoranthene	ND < 327	ND < 358
Benzo[k]fluoranthene	ND < 327	ND < 358
Benzo[a]pyrene	ND < 327	ND < 358
Indeno[1,2,3-cd]pyrene	ND < 327	ND < 358

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA-13	EA-9 Stockpile
Dibenz[a,h]anthracene	ND < 327	ND < 358
Benzo[g,h,i]perylene	ND < 327	ND < 358
2-Fluorophenol (Surr) 30-130	109	75.1
Phenol-d5 (Surr) 30-130	124	88.3
Nitrobenzene-d5(Surr) 30-130	96.9	69.4
2-Fluorobiphenyl (Surr) 30-130	121	79.3
2,4,6-Tribromophenol (Surr) 30-130	133 H	89.9
Terphenyl-d14 (Surr) 30-130	126	84.6

Conn. Extractable TPH Dup [CT DEP] Units: mg/kg (Dry Wt)

Client ID	GA-13
CET ID	AE57831
Date Analyzed	12/2/2010
Dilution	1.0
ETPH	ND < 55
Octacosane (surr)	106

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Brick Vault Oily Slu	GA-13	EA-9 Stockpile
CET ID	AE57830	AE57831	AE57832
Date Analyzed	12/2/2010	12/2/2010	12/2/2010
Dilution	10	1.0	1.0
ETPH	240000*	ND < 55	ND < 60
Octacosane (surr) 50-150	+	104	96.5

*C_{12}-C_{36} Unknown
+Surrogate diluted out.

Volatile Org. Dilution [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	Brick Vault Oily Slu
CET ID	AE57830
Date Analyzed	12/2/2010
Dilution	118.2
Dichlorodifluoromethane	ND < 1600
Chloromethane	ND < 430
Vinyl Chloride	ND < 250
Bromomethane	ND < 790
Chloroethane	ND < 790
Acetone	ND < 7900
Acrylonitrile	ND < 3200
Trichlorofluoromethane	ND < 3900
Trichlorotrifluoroethane	ND < 3900
1,1-Dichloroethene	ND < 160
Methylene Chloride	ND < 790
Carbon Disulfide	ND < 790
Methyl-t-Butyl Ether (MTBE)	ND < 790
trans-1,2-Dichloroethene	ND < 160

Volatile Org. Dilution [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	Brick Vault Oily Slu
1,1-Dichloroethane	ND < 160
2-Butanone (MEK)	ND < 3900
2,2-Dichloropropane	ND < 160
cis-1,2-Dichloroethene	ND < 160
Chloroform	ND < 160
Tetrahydrofuran	ND < 790
1,1,1-Trichloroethane	ND < 160
Carbon Tetrachloride	ND < 160
1,1-Dichloropropene	ND < 160
Benzene	ND < 160
1,2-Dichloroethane	ND < 160
Methyl Isobutyl Ketone	ND < 3900
Trichloroethene	ND < 160
1,2-Dichloropropane	ND < 160
Dibromomethane	ND < 160
Bromodichloromethane	ND < 160
2-Hexanone	ND < 3900
cis-1,3-Dichloropropene	ND < 160
Toluene	ND < 160
trans-1,3-Dichloropropene	ND < 160
1,1,2-Trichloroethane	ND < 160
Tetrachloroethene	ND < 160
1,3-Dichloropropane	ND < 160
Dibromochloromethane	ND < 160
1,2-Dibromoethane	ND < 160
trans-1,4-Dichloro-2-Butene	ND < 1600
Chlorobenzene	ND < 160
1,1,1,2-Tetrachloroethane	ND < 160
Ethylbenzene	ND < 160
m+p Xylenes	ND < 160
o-Xylene	ND < 160
Styrene	ND < 160
Bromoform	ND < 160
Isopropylbenzene	ND < 160
1,1,2,2-Tetrachloroethane	ND < 160
Bromobenzene	ND < 160
1,2,3-Trichloropropane	ND < 160
n-Propylbenzene	ND < 160
2-Chlorotoluene	ND < 160
4-Chlorotoluene	ND < 160
1,3,5-Trimethylbenzene	ND < 160
tert-Butylbenzene	ND < 160
1,2,4-Trimethylbenzene	ND < 160
sec-Butylbenzene	ND < 160
1,3-Dichlorobenzene	ND < 160
4-Isopropyltoluene	ND < 160
1,4-Dichlorobenzene	ND < 160
1,2-Dichlorobenzene	ND < 160
n-Butylbenzene	ND < 160
1,2-Dibromo-3-Chloropropane	ND < 160
1,2,4-Trichlorobenzene	ND < 160
Hexachlorobutadiene	ND < 160

Volatile Org. Dilution [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	Brick Vault Oily Slu
Naphthalene	ND < 160
1,2,3-Trichlorobenzene	ND < 160
1,2 Dichloroethane-d4 (SURR) 70-130	105
toluene-d8 (SURR) 70-130	99.9
4-bromofluorobenzene (SURR) 70-130	96

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA-13	EA-9 Stockpile
CET ID	AE57831	AE57832
Date Analyzed	12/2/2010	12/3/2010
Dilution	1.5	1.7
Dichlorodifluoromethane	ND < 13	ND < 15
Chloromethane	ND < 9.0	ND < 10
Vinyl Chloride	ND < 5.0	ND < 5.0
Bromomethane	ND < 9.0	ND < 10
Chloroethane	ND < 9.0	ND < 10
Acetone	ND < 130	ND < 150
Acrylonitrile	ND < 7.0	ND < 8.0
Trichlorofluoromethane	ND < 13	ND < 15
Trichlorotrifluoroethane	ND < 26	ND < 30
1,1-Dichloroethene	ND < 5.0	ND < 5.0
Methylene Chloride	ND < 42	ND < 50
Carbon Disulfide	ND < 9.0	ND < 10
Methyl-t-Butyl Ether (MTBE)	ND < 5.0	ND < 5.0
trans-1,2-Dichloroethene	ND < 5.0	ND < 5.0
1,1-Dichloroethane	ND < 5.0	ND < 5.0
2-Butanone (MEK)	ND < 21	ND < 25
2,2-Dichloropropane	ND < 5.0	ND < 5.0
cis-1,2-Dichloroethene	ND < 5.0	ND < 5.0
Chloroform	ND < 5.0	ND < 5.0
Tetrahydrofuran	ND < 21	ND < 25
1,1,1-Trichloroethane	ND < 5.0	ND < 5.0
Carbon Tetrachloride	ND < 5.0	ND < 5.0
1,1-Dichloropropene	ND < 5.0	ND < 5.0
Benzene	ND < 5.0	ND < 5.0
1,2-Dichloroethane	ND < 5.0	ND < 5.0
Methyl Isobutyl Ketone	ND < 21	ND < 25
Trichloroethene	ND < 5.0	ND < 5.0
1,2-Dichloropropane	ND < 5.0	ND < 5.0
Dibromomethane	ND < 5.0	ND < 5.0
Bromodichloromethane	ND < 5.0	ND < 5.0
2-Hexanone	ND < 21	ND < 25
cis-1,3-Dichloropropene	ND < 5.0	ND < 5.0
Toluene	ND < 5.0	ND < 5.0
trans-1,3-Dichloropropene	ND < 5.0	ND < 5.0
1,1,2-Trichloroethane	ND < 5.0	ND < 5.0
Tetrachloroethene	ND < 5.0	8.6
1,3-Dichloropropane	ND < 5.0	ND < 5.0
Dibromochloromethane	ND < 5.0	ND < 5.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA-13	EA-9 Stockpile
1,2-Dibromoethane	ND < 5.0	ND < 5.0
trans-1,4-Dichloro-2-Butene	ND < 21	ND < 25
Chlorobenzene	ND < 5.0	ND < 5.0
1,1,1,2-Tetrachloroethane	ND < 5.0	ND < 5.0
Ethylbenzene	ND < 5.0	ND < 5.0
m+p Xylenes	ND < 5.0	ND < 5.0
o-Xylene	ND < 5.0	ND < 5.0
Styrene	ND < 5.0	ND < 5.0
Bromoform	ND < 5.0	ND < 5.0
Isopropylbenzene	ND < 5.0	ND < 5.0
1,1,2,2-Tetrachloroethane	ND < 5.0	ND < 5.0
Bromobenzene	ND < 5.0	ND < 5.0
1,2,3-Trichloropropane	ND < 5.0	ND < 5.0
n-Propylbenzene	ND < 5.0	ND < 5.0
2-Chlorotoluene	ND < 5.0	ND < 5.0
4-Chlorotoluene	ND < 5.0	ND < 5.0
1,3,5-Trimethylbenzene	ND < 5.0	ND < 5.0
tert-Butylbenzene	ND < 5.0	ND < 5.0
1,2,4-Trimethylbenzene	ND < 5.0	ND < 5.0
sec-Butylbenzene	ND < 5.0	ND < 5.0
1,3-Dichlorobenzene	ND < 5.0	ND < 5.0
4-Isopropyltoluene	ND < 5.0	ND < 5.0
1,4-Dichlorobenzene	ND < 5.0	ND < 5.0
1,2-Dichlorobenzene	ND < 5.0	ND < 5.0
n-Butylbenzene	ND < 5.0	ND < 5.0
1,2-Dibromo-3-Chloropropane	ND < 5.0	ND < 5.0
1,2,4-Trichlorobenzene	ND < 5.0	ND < 5.0
Hexachlorobutadiene	ND < 5.0	ND < 5.0
Naphthalene	ND < 5.0	ND < 5.0
1,2,3-Trichlorobenzene	ND < 5.0	ND < 5.0
1,2 Dichloroethane-d4 (SURR) 70-130	152 H	143 H
toluene-d8 (SURR) 70-130	103	102
4-bromofluorobenzene (SURR) 70-130	95.3	91.3

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

033

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:
Date and Time in Freezer
Client:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 3-3 Days, Standard

Sample ID	Date/Time	Matrix	Same Day	24 Hours	3-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Flashpoint	Total Lead	Total Arsenic	SPLP Lead	SPLP Arsenic				TOTAL # OF CONT.	NOTE #
Brick vault/oily sludge	11/30/10 · 730	SLUDGE			2		X						X			X			X						X								4	
GA-13	11/30/10 115	SOIL			2		X						X	X												X	X	X	X				4	
EA-9 stockpile	11/30/10	SOIL			2		X						X	X												X	X	X	X				4	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

TOTAL # OF CONT.: 12

RELINQUISHED BY: [signature] DATE/TIME 12/1/10 1310 RECEIVED BY: [signature]
RELINQUISHED BY: [signature] DATE/TIME 12/1/10 1345 RECEIVED BY: [signature]
RELINQUISHED BY: DATE/TIME RECEIVED BY:

NOTES: Also send results to AL KOVALIK at AKOVALIK@geodesign.NET
USE 8oz JARS FOR MOISTURE CONTENT

Client / Reporting Information

Company Name: GeoDesign Inc
Address: 984 SOUTHFORD ROAD
City: Middlebury State: CT Zip: 06762
Report To: Chris EGGERS E-mail: CEggers@geodesign.NET
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: AL KOVALIK PO #: 3101-4.1
Project: Parcel C SOUTH Project #: 3101-4.1
Location: NAUGATUCK Collector(s): GJM
QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☐ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use: Evidence of Cooling: Y or N
Temp Upon Receipt: 5.1 °C
SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE57830-AE57832 ***Sampling Date(s):*** 11/30/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10120033

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 12/10/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10120033

Blank/LCS Report

QA Type: Volatile Org. Dilution Date Analyzed: 12/1/2010 Batch ID: 70402

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<25	110	70-130
Chloromethane	ND<5.0	96	70-130
Vinyl Chloride	ND<5.0	109	70-130
Bromomethane	ND<5.0	102	70-130
Chloroethane	ND<5.0	111	70-130
Acetone	ND<100	101	70-130
Acrylonitrile	ND<100	100	70-130
Trichlorofluoromethane	ND<5.0	108	70-130
Trichlorotrifluoroethane	ND<25	90	70-130
1,1-Dichloroethene	ND<5.0	88	70-130
Methylene Chloride	ND<5.0	89	70-130
Carbon Disulfide	ND<5.0	83	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	100	70-130
trans-1,2-Dichloroethene	ND<5.0	93	70-130
1,1-Dichloroethane	ND<5.0	94	70-130
2-Butanone (MEK)	ND<25	88	70-130
2,2-Dichloropropane	ND<5.0	107	70-130
cis-1,2-Dichloroethene	ND<5.0	95	70-130
Chloroform	ND<5.0	94	70-130
Tetrahydrofuran	ND<25	100	70-130
1,1,1-Trichloroethane	ND<5.0	98	70-130
Carbon Tetrachloride	ND<5.0	93	70-130
1,1-Dichloropropene	ND<5.0	94	70-130
Benzene	ND<5.0	93	70-130
1,2-Dichloroethane	ND<5.0	93	70-130
Methyl Isobutyl Ketone	ND<25	100	70-130
Trichloroethene	ND<5.0	92	70-130
1,2-Dichloropropane	ND<5.0	96	70-130
Dibromomethane	ND<5.0	98	70-130
Bromodichloromethane	ND<5.0	96	70-130
2-Hexanone	ND<25	93	70-130
cis-1,3-Dichloropropene	ND<5.0	104	70-130

Project: Parcel C South, Naugatuck
Cet#: 10120033

QA Type: Volatile Org. Dilution Date Analyzed: 12/1/2010 Batch ID: 70402

Analyte	Blank	LCS%Rec	LCS CL
Toluene	ND<5.0	96	70-130
trans-1,3-Dichloropropene	ND<5.0	104	70-130
1,1,2-Trichloroethane	ND<5.0	101	70-130
Tetrachloroethene	ND<5.0	93	70-130
1,3-Dichloropropane	ND<5.0	101	70-130
Dibromochloromethane	ND<5.0	104	70-130
1,2-Dibromoethane	ND<5.0	100	70-130
Chlorobenzene	ND<5.0	95	70-130
1,1,1,2-Tetrachloroethane	ND<5.0	97	70-130
Ethylbenzene	ND<5.0	95	70-130
m+p Xylenes	ND<5.0	96	70-130
o-Xylene	ND<5.0	97	70-130
Styrene	ND<5.0	97	70-130
Bromoform	ND<5.0	97	70-130
Isopropylbenzene	ND<5.0	97	70-130
1,1,2,2-Tetrachloroethane	ND<5.0	105	70-130
Bromobenzene	ND<5.0	94	70-130
1,2,3-Trichloropropane	ND<5.0	97	70-130
n-Propylbenzene	ND<5..0	93	70-130
2-Chlorotoluene	ND<5.0	95	70-130
4-Chlorotoluene	ND<5.0	96	70-130
1,3,5-Trimethylbenzene	ND<5.0	95	70-130
tert-Butylbenzene	ND<5.0	95	70-130
1,2,4-Trimethylbenzene	ND<5.0	96	70-130
sec-Butylbenzene	ND<5.0	96	70-130
1,3-Dichlorobenzene	ND<5.0	97	70-130
4-Isopropyltoluene	ND<5.0	96	70-130
1,4-Dichlorobenzene	ND<5.0	96	70-130
1,2-Dichlorobenzene	ND<5.0	97	70-130
n-Butylbenzene	ND<5.0	96	70-130
1,2-Dibromo-3-Chloropropane	ND<5.0	100	70-130
1,2,4-Trichlorobenzene	ND<5.0	101	70-130
Hexachlorobutadiene	ND<5.0	96	70-130
Naphthalene	ND<5.0	102	70-130
1,2,3-Trichlorobenzene	ND<5.0	103	70-130

All associated samples: AE57830

QA Type: Total Mercury Date Analyzed: 12/2/2010 Batch ID: 70412

Analyte	Blank	LCS%Rec	LCS CL
Total Mercury	ND<0.002	104	80-120

All associated samples: AE57830

QA Type: Total Metals Date Analyzed: 12/2/2010 Batch ID: 70418

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	110	80-120
Selenium	ND<1.0	113	80-120
Cadmium	ND<0.5	114	80-120
Chromium	ND<2.0	109	80-120
Arsenic	ND<1.0	111	80-120
Barium	ND<2.0	113	80-120
Silver	ND<2.0	98	80-120

All associated samples: AE57830 AE57831 AE57832

Project: Parcel C South, Naugatuck
Cet#: 10120033

QA Type: SPLP Metals Date Analyzed: 12/2/2010 Batch ID: 70420

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	99	80-120
Arsenic	ND<0.009	100	80-120

All associated samples: AE57831 AE57832

QA Type: Volatile Organics Date Analyzed: 12/2/2010 Batch ID: 70425

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	46 L	70-130
Chloromethane	ND<2.7	86	70-130
Vinyl Chloride	ND<1.6	88	70-130
Bromomethane	ND<5.0	83	70-130
Chloroethane	ND<5.0	106	70-130
Acetone	ND<50	38 L	70-130
Acrylonitrile	ND<20	107	70-130
Trichlorofluoromethane	ND<25	98	70-130
Trichlorotrifluoroethane	ND<25	106	70-130
1,1-Dichloroethene	ND<1.0	107	70-130
Methylene Chloride	ND<5.0	113	70-130
Carbon Disulfide	ND<5.0	103	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	99	70-130
trans-1,2-Dichloroethene	ND<1.0	112	70-130
1,1-Dichloroethane	ND<1.0	103	70-130
2-Butanone (MEK)	ND<25	74	70-130
2,2-Dichloropropane	ND<1.0	107	70-130
cis-1,2-Dichloroethene	ND<1.0	113	70-130
Chloroform	ND<1.0	87	70-130
Tetrahydrofuran	ND<5.0	68 L	70-130
1,1,1-Trichloroethane	ND<1.0	96	70-130
Carbon Tetrachloride	ND<1.0	96	70-130
1,1-Dichloropropene	ND<1.0	103	70-130
Benzene	ND<1.0	110	70-130
1,2-Dichloroethane	ND<1.0	100	70-130
Methyl Isobutyl Ketone	ND<25	92	70-130
Trichloroethene	ND<1.0	102	70-130
1,2-Dichloropropane	ND<1.0	110	70-130
Dibromomethane	ND<1.0	99	70-130
Bromodichloromethane	ND<0.5	105	70-130
2-Hexanone	ND<25	88	70-130
cis-1,3-Dichloropropene	ND<0.5	110	70-130
Toluene	ND<1.0	116	70-130
trans-1,3-Dichloropropene	ND<0.5	110	70-130
1,1,2-Trichloroethane	ND<1.0	108	70-130
Tetrachloroethene	ND<1.0	108	70-130
1,3-Dichloropropane	ND<1.0	108	70-130
Dibromochloromethane	ND<0.5	97	70-130
1,2-Dibromoethane	ND<0.5	91	70-130
Chlorobenzene	ND<1.0	109	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	103	70-130
Ethylbenzene	ND<1.0	111	70-130
m+p Xylenes	ND<1.0	109	70-130
o-Xylene	ND<1.0	110	70-130
Styrene	ND<1.0	112	70-130
Bromoform	ND<1.0	92	70-130
Isopropylbenzene	ND<1.0	110	70-130

Project: Parcel C South, Naugatuck
Cet#: 10120033

QA Type: Volatile Organics Date Analyzed: 12/2/2010 Batch ID: 70425

Analyte	Blank	LCS%Rec	LCS CL
1,1,2,2-Tetrachloroethane	ND<0.5	97	70-130
Bromobenzene	ND<1.0	99	70-130
1,2,3-Trichloropropane	ND<1.0	74	70-130
n-Propylbenzene	ND<1.0	101	70-130
2-Chlorotoluene	ND<1.0	103	70-130
4-Chlorotoluene	ND<1.0	98	70-130
1,3,5-Trimethylbenzene	ND<1.0	116	70-130
tert-Butylbenzene	ND<1.0	101	70-130
1,2,4-Trimethylbenzene	ND<1.0	119	70-130
sec-Butylbenzene	ND<1.0	108	70-130
1,3-Dichlorobenzene	ND<1.0	100	70-130
4-Isopropyltoluene	ND<1.0	108	70-130
1,4-Dichlorobenzene	ND<1.0	99	70-130
1,2-Dichlorobenzene	ND<1.0	99	70-130
n-Butylbenzene	ND<1.0	114	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	69 L	70-130
1,2,4-Trichlorobenzene	ND<1.0	109	70-130
Hexachlorobutadiene	ND<0.45	118	70-130
Naphthalene	ND<1.0	99	70-130
1,2,3-Trichlorobenzene	ND<1.0	110	70-130

All associated samples: AE57831

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 12/3/2010 Batch ID: 70430

Analyte	Blank	LCS%Rec	LCS CL
Naphthalene	ND<300	86	40-140
2-Methyl Naphthalene	ND<300	89	40-140
Acenaphthylene	ND<300	81	40-140
Acenaphthene	ND<300	89	40-140
Fluorene	ND<300	89	40-140
Phenanthrene	ND<300	94	40-140
Anthracene	ND<300	90	40-140
Fluoranthene	ND<300	92	40-140
Pyrene	ND<300	92	40-140
Benzo[a]anthracene	ND<300	101	40-140
Chrysene	ND<300	87	40-140
Benzo[b]fluoranthene	ND<300	121	40-140
Benzo[k]fluoranthene	ND<300	111	40-140
Benzo[a]pyrene	ND<300	104	40-140
Indeno[1,2,3-cd]pyrene	ND<300	72	40-140
Dibenz[a,h]anthracene	ND<300	57	40-140
Benzo[g,h,i]perylene	ND<300	76	40-140

All associated samples: AE57831 AE57832

QA Type: PCBs in Insulating Liquids Date Analyzed: 12/3/2010 Batch ID: 70442

Analyte	Blank	LCS%Rec	LCS CL
PCB-1016	ND<2.0	103	40-140
PCB-1260	ND<2.0	100	40-140

All associated samples: AE57830

QA Type: Conn. Extractable TPH Date Analyzed: 12/2/2010 Batch ID: 70444

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	81	60-120

All associated samples: AE57830 AE57831 AE57832

Project: Parcel C South, Naugatuck
Cet#: 10120033

QA Type: Volatile Organics Date Analyzed: 12/3/2010 Batch ID: 70445

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	115	70-130
Chloromethane	ND<2.7	156 H	70-130
Vinyl Chloride	ND<1.6	121	70-130
Bromomethane	ND<5.0	113	70-130
Chloroethane	ND<5.0	138 H	70-130
Acetone	ND<50	68 L	70-130
Acrylonitrile	ND<20	119	70-130
Trichlorofluoromethane	ND<25	115	70-130
Trichlorotrifluoroethane	ND<25	109	70-130
1,1-Dichloroethene	ND<1.0	114	70-130
Methylene Chloride	ND<5.0	118	70-130
Carbon Disulfide	ND<5.0	122	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	104	70-130
trans-1,2-Dichloroethene	ND<1.0	114	70-130
1,1-Dichloroethane	ND<1.0	106	70-130
2-Butanone (MEK)	ND<25	106	70-130
2,2-Dichloropropane	ND<1.0	108	70-130
cis-1,2-Dichloroethene	ND<1.0	118	70-130
Chloroform	ND<1.0	90	70-130
Tetrahydrofuran	ND<5.0	100	70-130
1,1,1-Trichloroethane	ND<1.0	92	70-130
Carbon Tetrachloride	ND<1.0	89	70-130
1,1-Dichloropropene	ND<1.0	98	70-130
Benzene	ND<1.0	113	70-130
1,2-Dichloroethane	ND<1.0	109	70-130
Methyl Isobutyl Ketone	ND<25	115	70-130
Trichloroethene	ND<1.0	99	70-130
1,2-Dichloropropane	ND<1.0	117	70-130
Dibromomethane	ND<1.0	111	70-130
Bromodichloromethane	ND<0.5	108	70-130
2-Hexanone	ND<25	110	70-130
cis-1,3-Dichloropropene	ND<0.5	113	70-130
Toluene	ND<1.0	111	70-130
trans-1,3-Dichloropropene	ND<0.5	116	70-130
1,1,2-Trichloroethane	ND<1.0	119	70-130
Tetrachloroethene	ND<1.0	101	70-130
1,3-Dichloropropane	ND<1.0	117	70-130
Dibromochloromethane	ND<0.5	104	70-130
1,2-Dibromoethane	ND<0.5	102	70-130
Chlorobenzene	ND<1.0	105	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	101	70-130
Ethylbenzene	ND<1.0	102	70-130
m+p Xylenes	ND<1.0	100	70-130
o-Xylene	ND<1.0	100	70-130
Styrene	ND<1.0	105	70-130
Bromoform	ND<1.0	99	70-130
Isopropylbenzene	ND<1.0	95	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	104	70-130
Bromobenzene	ND<1.0	101	70-130
1,2,3-Trichloropropane	ND<1.0	94	70-130
n-Propylbenzene	ND<1.0	97	70-130
2-Chlorotoluene	ND<1.0	98	70-130
4-Chlorotoluene	ND<1.0	101	70-130

Project: Parcel C South, Naugatuck
Cet#: 10120033

QA Type: Volatile Organics Date Analyzed: 12/3/2010 Batch ID: 70445

Analyte	Blank	LCS%Rec	LCS CL
1,3,5-Trimethylbenzene	ND<1.0	97	70-130
tert-Butylbenzene	ND<1.0	91	70-130
1,2,4-Trimethylbenzene	ND<1.0	100	70-130
sec-Butylbenzene	ND<1.0	94	70-130
1,3-Dichlorobenzene	ND<1.0	96	70-130
4-Isopropyltoluene	ND<1.0	94	70-130
1,4-Dichlorobenzene	ND<1.0	96	70-130
1,2-Dichlorobenzene	ND<1.0	98	70-130
n-Butylbenzene	ND<1.0	98	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	91	70-130
1,2,4-Trichlorobenzene	ND<1.0	83	70-130
Hexachlorobutadiene	ND<0.45	72	70-130
Naphthalene	ND<1.0	95	70-130
1,2,3-Trichlorobenzene	ND<1.0	81	70-130

All associated samples: AE57832

Project: Parcel C South, Naugatuck
Cet#: 10120033

Matrix Spike Report

QA Type: Conn. Extractable TPH Date Analyzed: 12/3/2010 Sample ID: AE57831 Client ID: GA-13

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	ND<55	1630	78	84	50-150	7.54	30

QA Type: Total Metals Date Analyzed: 12/2/2010 Sample ID: AE57832 Client ID: EA-9 Stockpile

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	26	29.8	74 L	118	75-125	45.00 H	35
Selenium	ND<1.5	59.5	90	103	75-125	14.00	35
Cadmium	ND<1.0	29.8	91	102	75-125	12.00	35
Chromium	20	29.8	73 L	94	75-125	25.00	35
Arsenic	2.2	29.8	89	100	75-125	11.00	35
Barium	84	29.8	#	#	75-125	#	35
Silver	ND<2.5	5.95	76	84	75-125	9.20	35

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration VOC			
Chloromethane	70425	36 H	20
Vinyl Chloride	70425	26 H	20
Bromomethane	70425	34 H	20
Methylene Chloride	70425	21 H	20
2,2-Dichloropropane	70425	25 H	20
Tetrahydrofuran	70425	21 H	20
All associated samples: AE57831			
Initial Calibration VOC			
Chloromethane	70445	36 H	20
Vinyl Chloride	70445	26 H	20
Bromomethane	70445	34 H	20
Methylene Chloride	70445	21 H	20
2,2-Dichloropropane	70445	25 H	20
Tetrahydrofuran	70445	21 H	20
All associated samples: AE57832			

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Volatile Organics Cont Cal				
1,1,2,2-Tetrachloroethane	70402	76 H	35-65	12/1/2010
1,2-Dibromo-3-Chloropropane	70402	66 H	35-65	12/1/2010
1,2,4-Trichlorobenzene	70402	67 H	35-65	12/1/2010
Naphthalene	70402	69 H	35-65	12/1/2010
1,2,3-Trichlorobenzene	70402	69 H	35-65	12/1/2010
All associated samples: AE57830				
Volatile Organics Cont Cal				
Dichlorodifluoromethane	70425	22 L	35-65	12/2/2010
Acetone	70425	66 L	70-130	12/2/2010
All associated samples: AE57831				
Semi-Vol Cont Cal				
Indeno[1,2,3-cd]pyrene	70430	15 L	17.5-32.5	12/3/2010
Dibenz[a,h]anthracene	70430	13 L	17.5-32.5	12/3/2010
Benzo[g,h,i]perylene	70430	16 L	17.5-32.5	12/3/2010
All associated samples: AE57831 AE57832				
Volatile Organics Cont Cal				
Chloromethane	70445	78 H	35-65	12/3/2010
Vinyl Chloride	70445	74 H	35-65	12/3/2010
Chloroethane	70445	67 H	35-65	12/3/2010
All associated samples: AE57832				

QC Batch Report

Volatile Org. Dilution Batch 70402

CET ID	Client Sample ID	Matrix	Collection Date
AE57830	Brick Vault Oily Slu	Sludge	11/30/2010

Total Mercury Batch 70412

CET ID	Client Sample ID	Matrix	Collection Date
AE57830	Brick Vault Oily Slu	Sludge	11/30/2010

Total Metals Batch 70418

CET ID	Client Sample ID	Matrix	Collection Date
AE57830	Brick Vault Oily Slu	Sludge	11/30/2010
AE57831	GA-13	Soil	11/30/2010
AE57832	EA-9 Stockpile	Soil	11/30/2010

SPLP Metals Batch 70420

CET ID	Client Sample ID	Matrix	Collection Date
AE57831	GA-13	Soil	11/30/2010
AE57832	EA-9 Stockpile	Soil	11/30/2010

Volatile Organics Batch 70425

CET ID	Client Sample ID	Matrix	Collection Date
AE57831	GA-13	Soil	11/30/2010

EPA 8270C Semi-Volatile Organics Batch 70430

CET ID	Client Sample ID	Matrix	Collection Date
AE57831	GA-13	Soil	11/30/2010
AE57832	EA-9 Stockpile	Soil	11/30/2010

PCBs in Insulating Liquids Batch 70442

CET ID	Client Sample ID	Matrix	Collection Date
AE57830	Brick Vault Oily Slu	Sludge	11/30/2010

Conn. Extractable TPH Batch 70444

CET ID	Client Sample ID	Matrix	Collection Date
AE57830	Brick Vault Oily Slu	Sludge	11/30/2010
AE57831	GA-13	Soil	11/30/2010
AE57832	EA-9 Stockpile	Soil	11/30/2010

Project: Parcel C South, Naugatuck
Cet#: 10120033

Volatile Organics Batch 70445

CET ID	Client Sample ID	Matrix	Collection Date
AE57832	EA-9 Stockpile	Soil	11/30/2010

Narrative

4. Dichlorodifluoromethane LCS recovery low (46%) for batch 70425.
   Acetone LCS recovery low (38%) for batch 70425.
   Tetrahydrofuran LCS recovery low (68%) for batch 70425.
   1,2-Dibromo-3-Chloropropane LCS recovery low (69%) for batch 70425.
   Chloromethane LCS recovery high (156%) for batch 70445.
   Chloroethane LCS recovery high (138%) for batch 70445.
   Acetone LCS recovery low (68%) for batch 70445.
   Total Lead matrix spike recovery low (74%) for sample AE57832.
   Total Lead matrix spike RPD high (45.00%) for sample AE57832.
   Total Chromium matrix spike recovery low (73%) for sample AE57832.
   Chloromethane Initial Cal % RSD high(36%) for batch 70425.
   Vinyl Chloride Initial Cal % RSD high(26%) for batch 70425.
   Bromomethane Initial Cal % RSD high(34%) for batch 70425.
   Methylene Chloride Initial Cal % RSD high(21%) for batch 70425.
   2,2-Dichloropropane Initial Cal % RSD high(25%) for batch 70425.
   Tetrahydrofuran Initial Cal % RSD high(21%) for batch 70425.
   Chloromethane Initial Cal % RSD high(36%) for batch 70445.
   Vinyl Chloride Initial Cal % RSD high(26%) for batch 70445.
   Bromomethane Initial Cal % RSD high(34%) for batch 70445.
   Methylene Chloride Initial Cal % RSD high(21%) for batch 70445.
   2,2-Dichloropropane Initial Cal % RSD high(25%) for batch 70445.
   Tetrahydrofuran Initial Cal % RSD high(21%) for batch 70445.
   1,1,2,2-Tetrachloroethane CC high for batch 70402.
   1,2-Dibromo-3-Chloropropane CC high for batch 70402.
   1,2,4-Trichlorobenzene CC high for batch 70402.
   Naphthalene CC high for batch 70402.
   1,2,3-Trichlorobenzene CC high for batch 70402.
   Dichlorodifluoromethane CC low for batch 70425.
   Acetone CC low for batch 70425.
   Indeno[1,2,3-cd]pyrene CC low for batch 70430.
   Dibenz[a,h]anthracene CC low for batch 70430.
   Benzo[g,h,i]perylene CC low for batch 70430.
   Chloromethane CC high for batch 70445.
   Vinyl Chloride CC high for batch 70445.
   Chloroethane CC high for batch 70445.

6. The client requested a subset of the RCP metals list.

Project: Parcel C South, Naugatuck
Cet#: 10120033

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Flashpoint	Total Lead	Total Arsenic	Solid Lead	SPLP Arsenic					TOTAL # OF CONT.	NOTE #
Brick vault/only sludge	11/30/10 - 730	sludge			2		X						X			X			X						X									4	
GA-13	11/30/10 115	Soil			2		X						X	X												X	X	X	X					4	
EA-9 stockpile	11/30/10	Soil			2		X						X	X												X	X	X	X					4	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)																																			
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)																																		12	
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)							/	/	/	/	/																								

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Gerald Mushl	12/1/10 1310	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Also send Results to AL KOVALIK at AKovalik@geodesign.NET

USE EPA TABS FOR Moisture Content

Client / Reporting Information

Company Name: GeoDesign Inc

Address: 984 South Gates Road

City: Middlebury State: CT Zip: 06762

Report To: Chris Eggers E-mail: CEggers@geodesign.NET

Phone #: 203-758 8836 Fax #: 203-758 8842

Project Information

Project Contact: AL KOVALIK PO #: 3101-4.1

Project: Parcel C South Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 5.1 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Eggers
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

GA-12

CET # 10110698

Report Date: November 29, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE57506	GA-12	Soil	11/23/2010	11:00	11/24/2010

Sample temperature upon receipt was 1.0 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	GA-12
CET ID	AE57506
Date Analyzed	11/29/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	GA-12
CET ID	AE57506
Date Analyzed	11/24/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	GA-12
CET ID	AE57506
Date Analyzed	11/29/2010

Closed System P&T Extraction [EPA 5035A]

Client ID	GA-12
CET ID	AE57506
Date Analyzed	11/29/2010

SPLP, Metals [EPA 1312]

Client ID	GA-12
CET ID	AE57506
Date Analyzed	11/27/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	GA-12
CET ID	AE57506
Date Analyzed	11/29/2010
Total Solids	92

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	GA-12
CET ID	AE57506
Date Analyzed	11/29/2010
Dilution	1.0
Lead	3.5
Arsenic	ND < 1.5

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	GA-12
CET ID	AE57506
Date Analyzed	11/29/2010
Dilution	1.0
Lead	ND < 0.013
Arsenic	ND < 0.009

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA-12
CET ID	AE57506
Date Analyzed	11/26/2010
Dilution	1.0
Pyridine	ND < 327
n-Nitroso-dimethylamine	ND < 327
bis(2-Chloroethyl)ether	ND < 327
Phenol	ND < 327
Aniline	ND < 327
2-Chlorophenol	ND < 327
1,3-Dichlorobenzene	ND < 327
1,4-Dichlorobenzene	ND < 327
Benzyl Alcohol	ND < 327
1,2-Dichlorobenzene	ND < 327
bis(2-chloroisopropyl)ether	ND < 327
Hexachloroethane	ND < 327
N-Nitroso-di-n-propylamine	ND < 327
2-Methyl Phenol	ND < 327
3+4 Methyl Phenol	ND < 327
Nitrobenzene	ND < 327

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA-12
Isophorone	ND < 327
2-Nitrophenol	ND < 327
2,4-Dimethylphenol	ND < 327
bis(2-Chloroethoxy)methane	ND < 327
Benzoic Acid	ND < 327
2,4-Dichlorophenol	ND < 327
1,2,4-Trichlorobenzene	ND < 327
Naphthalene	ND < 327
2,6-Dichlorophenol	ND < 327
4-Chloroaniline	ND < 327
Hexachlorobutadiene	ND < 327
4-Chloro-3-methylphenol	ND < 327
2-Methyl Naphthalene	ND < 327
Hexachlorocyclopentadiene	ND < 327
2,4,6-Trichlorophenol	ND < 327
2,4,5-Trichlorophenol	ND < 327
2-Chloronaphthalene	ND < 327
2-Nitroaniline	ND < 327
Acenaphthylene	ND < 327
Dimethylphthalate	ND < 327
2,6-Dinitrotoluene	ND < 327
4-Nitroaniline	ND < 327
Acenaphthene	ND < 327
2,4-Dinitrophenol	ND < 327
2,4-Dinitrotoluene	ND < 327
4-Nitrophenol	ND < 327
Dibenzofuran	ND < 327
2,3,4,6-Tetrachlorophenol	ND < 327
Fluorene	ND < 327
4-Chlorophenyl-phenylether	ND < 327
Diethylphthalate	ND < 327
3-Nitroaniline	ND < 327
4,6-Dinitro-2-methylphenol	ND < 327
n-Nitrosodiphenylamine	ND < 327
Azobenzene	ND < 327
4-Bromophenyl-phenylether	ND < 327
Hexachlorobenzene	ND < 327
Pentachlorophenol	ND < 327
Phenanthrene	ND < 327
Anthracene	ND < 327
Carbazole	ND < 327
Di-n-butylphthalate	ND < 327
Fluoranthene	ND < 327
Pyrene	ND < 327
Butylbenzylphthalate	ND < 327
3,3-Dichlorobenzidine	ND < 327
Benzo[a]anthracene	ND < 327
Chrysene	ND < 327
bis(2-Ethylhexyl)phthalate	ND < 327
Di-n-octylphthalate	ND < 327
Benzo[b]fluoranthene	ND < 327
Benzo[k]fluoranthene	ND < 327

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA-12
Benzo[a]pyrene	ND < 327
Indeno[1,2,3-cd]pyrene	ND < 327
Dibenz[a,h]anthracene	ND < 327
Benzo[g,h,i]perylene	ND < 327
2-Fluorophenol (Surr) 30-130	44.1
Phenol-d5 (Surr) 30-130	44.7
Nitrobenzene-d5(Surr) 30-130	41.6
2-Fluorobiphenyl (Surr) 30-130	46.4
2,4,6-Tribromophenol (Surr) 30-130	50.9
Terphenyl-d14 (Surr) 30-130	46.6

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	GA-12
CET ID	AE57506
Date Analyzed	11/29/2010
Dilution	1.0
ETPH	ND < 55
Octacosane (surr) 50-150	80.3

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA-12
CET ID	AE57506
Date Analyzed	11/26/2010
Dilution	1.3
Dichlorodifluoromethane	ND < 11
Chloromethane	ND < 8.0
Vinyl Chloride	ND < 4.0
Bromomethane	ND < 8.0
Chloroethane	ND < 8.0
Acetone	ND < 110
Acrylonitrile	ND < 6.0
Trichlorofluoromethane	ND < 11
Trichlorotrifluoroethane	ND < 22
1,1-Dichloroethene	ND < 4.0
Methylene Chloride	ND < 36
Carbon Disulfide	ND < 8.0
Methyl-t-Butyl Ether (MTBE)	ND < 4.0
trans-1,2-Dichloroethene	ND < 4.0
1,1-Dichloroethane	ND < 4.0
2-Butanone (MEK)	ND < 18
2,2-Dichloropropane	ND < 4.0
cis-1,2-Dichloroethene	ND < 4.0
Chloroform	ND < 4.0
Tetrahydrofuran	ND < 18
1,1,1-Trichloroethane	ND < 4.0
Carbon Tetrachloride	ND < 4.0
1,1-Dichloropropene	ND < 4.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA-12
Benzene	ND < 4.0
1,2-Dichloroethane	ND < 4.0
Methyl Isobutyl Ketone	ND < 18
Trichloroethene	ND < 4.0
1,2-Dichloropropane	ND < 4.0
Dibromomethane	ND < 4.0
Bromodichloromethane	ND < 4.0
2-Hexanone	ND < 18
cis-1,3-Dichloropropene	ND < 4.0
Toluene	ND < 4.0
trans-1,3-Dichloropropene	ND < 4.0
1,1,2-Trichloroethane	ND < 4.0
Tetrachloroethene	ND < 4.0
1,3-Dichloropropane	ND < 4.0
Dibromochloromethane	ND < 4.0
1,2-Dibromoethane	ND < 4.0
trans-1,4-Dichloro-2-Butene	ND < 18
Chlorobenzene	ND < 4.0
1,1,1,2-Tetrachloroethane	ND < 4.0
Ethylbenzene	ND < 4.0
m+p Xylenes	ND < 4.0
o-Xylene	ND < 4.0
Styrene	ND < 4.0
Bromoform	ND < 4.0
Isopropylbenzene	ND < 4.0
1,1,2,2-Tetrachloroethane	ND < 4.0
Bromobenzene	ND < 4.0
1,2,3-Trichloropropane	ND < 4.0
n-Propylbenzene	ND < 4.0
2-Chlorotoluene	ND < 4.0
4-Chlorotoluene	ND < 4.0
1,3,5-Trimethylbenzene	ND < 4.0
tert-Butylbenzene	ND < 4.0
1,2,4-Trimethylbenzene	ND < 4.0
sec-Butylbenzene	ND < 4.0
1,3-Dichlorobenzene	ND < 4.0
4-Isopropyltoluene	ND < 4.0
1,4-Dichlorobenzene	ND < 4.0
1,2-Dichlorobenzene	ND < 4.0
n-Butylbenzene	ND < 4.0
1,2-Dibromo-3-Chloropropane	ND < 4.0
1,2,4-Trichlorobenzene	ND < 4.0
Hexachlorobutadiene	ND < 4.0
Naphthalene	ND < 4.0
1,2,3-Trichlorobenzene	ND < 4.0
1,2 Dichloroethane-d4 (SURR) 70-130	113
toluene-d8 (SURR) 70-130	99.5
4-bromofluorobenzene (SURR) 70-130	91.4

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

'98

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:
Date and Time in Freezer
Client:
CET

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	SPLP LEAD	TOTAL ARSENIC	SPLP ARSENIC					TOTAL # OF CONT.	NOTE #
GA-12	11/23/10 - 11:00	Soil			2		X						X	X											X	X	X	X					5	5
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)																																		
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)							V						G	G											G	G	G	G					5	
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)							M/B																											

RELINQUISHED BY: [signature] DATE/TIME 11/24/10 RECEIVED BY: [signature]
RELINQUISHED BY: [signature] DATE/TIME 11-24-10 1425 RECEIVED BY: [signature]
RELINQUISHED BY: DATE/TIME RECEIVED BY:

NOTES: Also Forward/copy AL Kovalik Results @ AKovalik@geodesign.NET.

Client / Reporting Information

Company Name: Geo Design, INC
Address: 984 South Ford Road
City: Middlebury State: CT Zip: 06762
Report To: Chris Eggers E-mail: CEggers@geodesign.NET
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO#: 3101-4.1
Project: Parcel C-South Project #: 3101-4.1
Location: Naugatuck Collector(s): GJM
QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 10 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE57506 ***Sampling Date(s):*** 11/23/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10110698

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 12/6/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10110698

Blank/LCS Report

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/24/2010 Batch ID: 70273

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	39	30-130
n-Nitroso-dimethylamine	ND<300	53	40-140
bis(2-Chloroethyl)ether	ND<300	65	40-140
Phenol	ND<300	61	30-130
Aniline	ND<300	58	30-130
2-Chlorophenol	ND<300	70	30-130
1,3-Dichlorobenzene	ND<300	62	40-140
1,4-Dichlorobenzene	ND<300	63	40-140
Benzyl Alcohol	ND<300	77	30-130
1,2-Dichlorobenzene	ND<300	65	40-140
bis(2-chloroisopropyl)ether	ND<300	66	40-140
Hexachloroethane	ND<300	63	40-140
N-Nitroso-di-n-propylamine	ND<300	63	40-140
2-Methyl Phenol	ND<300	70	30-130
3+4 Methyl Phenol	ND<300	70	30-130
Nitrobenzene	ND<300	66	40-140
Isophorone	ND<300	67	40-140
2-Nitrophenol	ND<300	71	30-130
2,4-Dimethylphenol	ND<300	68	30-130
bis(2-Chloroethoxy)methane	ND<300	68	40-140
2,4-Dichlorophenol	ND<300	76	30-130
1,2,4-Trichlorobenzene	ND<300	75	40-140
Naphthalene	ND<300	69	40-140
4-Chloroaniline	ND<300	64	30-130
Hexachlorobutadiene	ND<300	74	40-140
4-Chloro-3-methylphenol	ND<300	74	30-130
2-Methyl Naphthalene	ND<300	91	40-140
Hexachlorocyclopentadiene	ND<300	58	40-140
2,4,6-Trichlorophenol	ND<300	73	30-130
2,4,5-Trichlorophenol	ND<300	76	30-130
2-Chloronaphthalene	ND<300	79	30-130
2-Nitroaniline	ND<300	72	30-130

Project: Parcel C South, Naugatuck
Cet#: 10110698

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/24/2010 Batch ID: 70273

Analyte	Blank	LCS%Rec	LCS CL
Acenaphthylene	ND<300	69	40-140
Dimethylphthalate	ND<300	78	40-140
2,6-Dinitrotoluene	ND<300	76	40-140
4-Nitroaniline	ND<300	79	30-130
Acenaphthene	ND<300	73	40-140
2,4-Dinitrophenol	ND<300	90	30-130
2,4-Dinitrotoluene	ND<300	78	40-140
4-Nitrophenol	ND<300	62	30-130
Dibenzofuran	ND<300	74	40-140
Fluorene	ND<300	78	40-140
4-Chlorophenyl-phenylether	ND<300	78	40-140
Diethylphthalate	ND<300	90	40-140
3-Nitroaniline	ND<300	61	30-130
4,6-Dinitro-2-methylphenol	ND<300	90	30-130
n-Nitrosodiphenylamine	ND<300	82	40-140
Azobenzene	ND<300	71	40-140
4-Bromophenyl-phenylether	ND<300	76	40-140
Hexachlorobenzene	ND<300	75	40-140
Pentachlorophenol	ND<300	69	30-130
Phenanthrene	ND<300	77	40-140
Anthracene	ND<300	76	40-140
Di-n-butylphthalate	ND<300	81	40-140
Fluoranthene	ND<300	81	40-140
Pyrene	ND<300	83	40-140
Butylbenzylphthalate	ND<300	83	40-140
Benzo[a]anthracene	ND<300	80	40-140
Chrysene	ND<300	80	40-140
bis(2-Ethylhexyl)phthalate	ND<300	86	40-140
Di-n-octylphthalate	ND<300	85	40-140
Benzo[b]fluoranthene	ND<300	94	40-140
Benzo[k]fluoranthene	ND<300	98	40-140
Benzo[a]pyrene	ND<300	95	40-140
Indeno[1,2,3-cd]pyrene	ND<300	90	40-140
Dibenz[a,h]anthracene	ND<300	89	40-140
Benzo[g,h,i]perylene	ND<300	90	40-140

All associated samples: AE57506

QA Type: Volatile Organics Date Analyzed: 11/26/2010 Batch ID: 70313

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	98	70-130
Chloromethane	ND<2.7	98	70-130
Vinyl Chloride	ND<1.6	46 L	70-130
Bromomethane	ND<5.0	84	70-130
Chloroethane	ND<5.0	86	70-130
Acetone	ND<50	102	70-130
Acrylonitrile	ND<20	102	70-130
Trichlorofluoromethane	ND<25	100	70-130
Trichlorotrifluoroethane	ND<25	96	70-130
1,1-Dichloroethene	ND<1.0	100	70-130
Methylene Chloride	ND<5.0	127	70-130
Carbon Disulfide	ND<5.0	96	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	111	70-130
trans-1,2-Dichloroethene	ND<1.0	98	70-130

Project: Parcel C South, Naugatuck
Cet#: 10110698

QA Type: Volatile Organics Date Analyzed: 11/26/2010 Batch ID: 70313

Analyte	Blank	LCS%Rec	LCS CL
1,1-Dichloroethane	ND<1.0	96	70-130
2-Butanone (MEK)	ND<25	124	70-130
2,2-Dichloropropane	ND<1.0	92	70-130
cis-1,2-Dichloroethene	ND<1.0	100	70-130
Chloroform	ND<1.0	76	70-130
Tetrahydrofuran	ND<5.0	113	70-130
1,1,1-Trichloroethane	ND<1.0	92	70-130
Carbon Tetrachloride	ND<1.0	94	70-130
1,1-Dichloropropene	ND<1.0	93	70-130
Benzene	ND<1.0	95	70-130
1,2-Dichloroethane	ND<1.0	103	70-130
Methyl Isobutyl Ketone	ND<25	116	70-130
Trichloroethene	ND<1.0	94	70-130
1,2-Dichloropropane	ND<1.0	97	70-130
Dibromomethane	ND<1.0	105	70-130
Bromodichloromethane	ND<0.5	99	70-130
2-Hexanone	ND<25	115	70-130
cis-1,3-Dichloropropene	ND<0.5	101	70-130
Toluene	ND<1.0	96	70-130
trans-1,3-Dichloropropene	ND<0.5	105	70-130
1,1,2-Trichloroethane	ND<1.0	102	70-130
Tetrachloroethene	ND<1.0	93	70-130
1,3-Dichloropropane	ND<1.0	103	70-130
Dibromochloromethane	ND<0.5	99	70-130
1,2-Dibromoethane	ND<0.5	102	70-130
Chlorobenzene	ND<1.0	94	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	95	70-130
Ethylbenzene	ND<1.0	96	70-130
m+p Xylenes	ND<1.0	94	70-130
o-Xylene	ND<1.0	99	70-130
Styrene	ND<1.0	100	70-130
Bromoform	ND<1.0	102	70-130
Isopropylbenzene	ND<1.0	99	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	104	70-130
Bromobenzene	ND<1.0	98	70-130
1,2,3-Trichloropropane	ND<1.0	102	70-130
n-Propylbenzene	ND<1.0	96	70-130
2-Chlorotoluene	ND<1.0	98	70-130
4-Chlorotoluene	ND<1.0	98	70-130
1,3,5-Trimethylbenzene	ND<1.0	104	70-130
tert-Butylbenzene	ND<1.0	99	70-130
1,2,4-Trimethylbenzene	ND<1.0	105	70-130
sec-Butylbenzene	ND<1.0	101	70-130
1,3-Dichlorobenzene	ND<1.0	96	70-130
4-Isopropyltoluene	ND<1.0	103	70-130
1,4-Dichlorobenzene	ND<1.0	95	70-130
1,2-Dichlorobenzene	ND<1.0	98	70-130
n-Butylbenzene	ND<1.0	103	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	105	70-130
1,2,4-Trichlorobenzene	ND<1.0	94	70-130
Hexachlorobutadiene	ND<0.45	90	70-130
Naphthalene	ND<1.0	112	70-130
1,2,3-Trichlorobenzene	ND<1.0	94	70-130

All associated samples: AE57506

Project: Parcel C South, Naugatuck
Cet#: 10110698

QA Type: Conn. Extractable TPH Date Analyzed: 11/29/2010 Batch ID: 70318

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	99	60-120

All associated samples: AE57506

QA Type: SPLP Metals Date Analyzed: 11/29/2010 Batch ID: 70323

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	98	80-120
Arsenic	ND<0.009	100	80-120

All associated samples: AE57506

QA Type: Total Metals Date Analyzed: 11/29/2010 Batch ID: 70327

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	98	80-120
Arsenic	ND<1.0	96	80-120

All associated samples: AE57506

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration SVOC			
Benzyl Alcohol	70273	21 H	20
2,4-Dinitrophenol	70273	27 H	20
All associated samples: AE57506			
Initial Calibration VOC			
Chloromethane	70313	36 H	20
Vinyl Chloride	70313	26 H	20
Bromomethane	70313	34 H	20
Methylene Chloride	70313	21 H	20
2,2-Dichloropropane	70313	25 H	20
Tetrahydrofuran	70313	21 H	20
All associated samples: AE57506			

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
2,4-Dinitrophenol	70273	74 H	35-65	11/24/2010
All associated samples: AE57506				
Volatile Organics Cont Cal				
Dichlorodifluoromethane	70313	28 L	35-65	11/26/2010
Vinyl Chloride	70313	30 L	35-65	11/26/2010
All associated samples: AE57506				

QC Batch Report

EPA 8270C Semi-Volatile Organics Batch 70273

CET ID	Client Sample ID	Matrix	Collection Date
AE57506	GA-12	Soil	11/23/2010

Volatile Organics Batch 70313

CET ID	Client Sample ID	Matrix	Collection Date
AE57506	GA-12	Soil	11/23/2010

Conn. Extractable TPH Batch 70318

CET ID	Client Sample ID	Matrix	Collection Date
AE57506	GA-12	Soil	11/23/2010

SPLP Metals Batch 70323

CET ID	Client Sample ID	Matrix	Collection Date
AE57506	GA-12	Soil	11/23/2010

Total Metals Batch 70327

CET ID	Client Sample ID	Matrix	Collection Date
AE57506	GA-12	Soil	11/23/2010

Narrative

4. Vinyl Chloride LCS recovery low (46%) for batch 70313.
   Benzyl Alcohol Initial Cal % RSD high(21%) for batch 70273.
   2,4-Dinitrophenol Initial Cal % RSD high(27%) for batch 70273.
   Chloromethane Initial Cal % RSD high(36%) for batch 70313.
   Vinyl Chloride Initial Cal % RSD high(26%) for batch 70313.
   Bromomethane Initial Cal % RSD high(34%) for batch 70313.
   Methylene Chloride Initial Cal % RSD high(21%) for batch 70313.
   2,2-Dichloropropane Initial Cal % RSD high(25%) for batch 70313.
   Tetrahydrofuran Initial Cal % RSD high(21%) for batch 70313.
   2,4-Dinitrophenol CC high for batch 70273.
   Dichlorodifluoromethane CC low for batch 70313.
   Vinyl Chloride CC low for batch 70313.

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by client.

Project: Parcel C South, Naugatuck
Cet#: 10110698

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Sample ID	Date/Time	Matrix	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Additional Analysis: TOTAL LEAD	SPLP LEAD	TOTAL ARSENIC	SPLP ARSENIC						TOTAL # OF CONT.	NOTE #
GA-12	11/23/10 - 11[illegible]	Soil			2		X						X	X											X	X	X	X						5	5
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)																																			
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)							V						G	G											G	G	G	G						5	
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)							M/B	/	/	/	/																								

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	11/24/10	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: ALSO FORWARD/COPY AL KOVALIK RESULTS @ AKOVALIK@geodesign.NET.

Client / Reporting Information

Company Name: GEO DESIGN, INC
Address: 984 SOUTH FORD ROAD
City: Middlebury State: CT Zip: 06762
Report To: Chris Eggers E-mail: CEggers@geodesign.NET
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: AL KOVALIK PO #: 3101-4.1
Project: PARCEL C-SOUTH Project #: 3101-4.1
Location: NAUGATUCK Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 1.0 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Eggers
GeoDesign
984 Southford Rd
Middlebury, CT 06492

RECEIVED
DEC 14 2010
GeoDesign, Inc.

Analytical Report

Conf 14 C
Conf 9

CET # 10110595

Report Date: November 24, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE57148	Conf 14C	Soil	11/22/2010	10:20	11/22/2010
AE57149	GA9	Soil	11/22/2010	11:00	11/22/2010

Sample temperature upon receipt was 6.0 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	Conf 14C	GA9
CET ID	AE57148	AE57149
Date Analyzed	11/22/2010	11/22/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	GA9
CET ID	AE57149
Date Analyzed	11/23/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	GA9
CET ID	AE57149
Date Analyzed	11/23/2010

Closed System P&T Extraction [EPA 5035A]

Client ID	GA9
CET ID	AE57149
Date Analyzed	11/23/2010

SPLP, Metals [EPA 1312]

Client ID	Conf 14C	GA9
CET ID	AE57148	AE57149
Date Analyzed	11/22/2010	11/22/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Conf 14C	GA9
CET ID	AE57148	AE57149
Date Analyzed	11/24/2010	11/23/2010
Total Solids	92	93

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	Conf 14C	GA9
CET ID	AE57148	AE57149
Date Analyzed	11/23/2010	11/23/2010
Dilution	1.0	1.0
Lead	42	3.9
Arsenic		ND < 1.5

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	Conf 14C	GA9
CET ID	AE57148	AE57149
Date Analyzed	11/23/2010	11/23/2010
Dilution	1.0	1.0
Lead	ND < 0.013	ND < 0.013
Arsenic		ND < 0.009

SPLP Metals by ICP/MS Dup [EPA 6020A] Units: mg/l

Client ID	Conf 14C
CET ID	AE57148
Date Analyzed	11/23/2010
Dilution	1.0
Lead	ND < 0.013

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA9
CET ID	AE57149
Date Analyzed	11/23/2010
Dilution	1.0
Pyridine	ND < 323
n-Nitroso-dimethylamine	ND < 323
bis(2-Chloroethyl)ether	ND < 323
Phenol	ND < 323
Aniline	ND < 323
2-Chlorophenol	ND < 323
1,3-Dichlorobenzene	ND < 323
1,4-Dichlorobenzene	ND < 323
Benzyl Alcohol	ND < 323
1,2-Dichlorobenzene	ND < 323
bis(2-chloroisopropyl)ether	ND < 323
Hexachloroethane	ND < 323
N-Nitroso-di-n-propylamine	ND < 323
2-Methyl Phenol	ND < 323
3+4 Methyl Phenol	ND < 323
Nitrobenzene	ND < 323
Isophorone	ND < 323
2-Nitrophenol	ND < 323
2,4-Dimethylphenol	ND < 323
bis(2-Chloroethoxy)methane	ND < 323
Benzoic Acid	ND < 323
2,4-Dichlorophenol	ND < 323
1,2,4-Trichlorobenzene	ND < 323
Naphthalene	ND < 323
2,6-Dichlorophenol	ND < 323
4-Chloroaniline	ND < 323
Hexachlorobutadiene	ND < 323
4-Chloro-3-methylphenol	ND < 323
2-Methyl Naphthalene	ND < 323
Hexachlorocyclopentadiene	ND < 323
2,4,6-Trichlorophenol	ND < 323
2,4,5-Trichlorophenol	ND < 323
2-Chloronaphthalene	ND < 323
2-Nitroaniline	ND < 323
Acenaphthylene	ND < 323
Dimethylphthalate	ND < 323
2,6-Dinitrotoluene	ND < 323
4-Nitroaniline	ND < 323
Acenaphthene	ND < 323
2,4-Dinitrophenol	ND < 323
2,4-Dinitrotoluene	ND < 323
4-Nitrophenol	ND < 323
Dibenzofuran	ND < 323
2,3,4,6-Tetrachlorophenol	ND < 323
Fluorene	ND < 323
4-Chlorophenyl-phenylether	ND < 323
Diethylphthalate	ND < 323
3-Nitroaniline	ND < 323
4,6-Dinitro-2-methylphenol	ND < 323

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA9
n-Nitrosodiphenylamine	ND < 323
Azobenzene	ND < 323
4-Bromophenyl-phenylether	ND < 323
Hexachlorobenzene	ND < 323
Pentachlorophenol	ND < 323
Phenanthrene	ND < 323
Anthracene	ND < 323
Carbazole	ND < 323
Di-n-butylphthalate	ND < 323
Fluoranthene	ND < 323
Pyrene	ND < 323
Butylbenzylphthalate	ND < 323
3,3-Dichlorobenzidine	ND < 323
Benzo[a]anthracene	ND < 323
Chrysene	ND < 323
bis(2-Ethylhexyl)phthalate	ND < 323
Di-n-octylphthalate	ND < 323
Benzo[b]fluoranthene	ND < 323
Benzo[k]fluoranthene	ND < 323
Benzo[a]pyrene	ND < 323
Indeno[1,2,3-cd]pyrene	ND < 323
Dibenz[a,h]anthracene	ND < 323
Benzo[g,h,i]perylene	ND < 323
2-Fluorophenol (Surr) 30-130	61.9
Phenol-d5 (Surr) 30-130	69.3
Nitrobenzene-d5(Surr) 30-130	58
2-Fluorobiphenyl (Surr) 30-130	76.7
2,4,6-Tribromophenol (Surr) 30-130	91.7
Terphenyl-d14 (Surr) 30-130	68.1

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	GA9
CET ID	AE57149
Date Analyzed	11/23/2010
Dilution	1.0
ETPH	ND < 54
Octacosane (surr) 50-150	91

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA9
CET ID	AE57149
Date Analyzed	11/22/2010
Dilution	1.2
Dichlorodifluoromethane	ND < 10
Chloromethane	ND < 7.0
Vinyl Chloride	ND < 4.0
Bromomethane	ND < 7.0
Chloroethane	ND < 7.0
Acetone	ND < 93
Acrylonitrile	ND < 5.0
Trichlorofluoromethane	ND < 10
Trichlorotrifluoroethane	ND < 19
1,1-Dichloroethene	ND < 4.0
Methylene Chloride	ND < 31
Carbon Disulfide	ND < 7.0
Methyl-t-Butyl Ether (MTBE)	ND < 4.0
trans-1,2-Dichloroethene	ND < 4.0
1,1-Dichloroethane	ND < 4.0
2-Butanone (MEK)	ND < 16
2,2-Dichloropropane	ND < 4.0
cis-1,2-Dichloroethene	ND < 4.0
Chloroform	ND < 4.0
Tetrahydrofuran	ND < 16
1,1,1-Trichloroethane	ND < 4.0
Carbon Tetrachloride	ND < 4.0
1,1-Dichloropropene	ND < 4.0
Benzene	ND < 4.0
1,2-Dichloroethane	ND < 4.0
Methyl Isobutyl Ketone	ND < 16
Trichloroethene	ND < 4.0
1,2-Dichloropropane	ND < 4.0
Dibromomethane	ND < 4.0
Bromodichloromethane	ND < 4.0
2-Hexanone	ND < 16
cis-1,3-Dichloropropene	ND < 4.0
Toluene	ND < 4.0
trans-1,3-Dichloropropene	ND < 4.0
1,1,2-Trichloroethane	ND < 4.0
Tetrachloroethene	ND < 4.0
1,3-Dichloropropane	ND < 4.0
Dibromochloromethane	ND < 4.0
1,2-Dibromoethane	ND < 4.0
trans-1,4-Dichloro-2-Butene	ND < 16
Chlorobenzene	ND < 4.0
1,1,1,2-Tetrachloroethane	ND < 4.0
Ethylbenzene	ND < 4.0
m+p Xylenes	ND < 4.0
o-Xylene	ND < 4.0
Styrene	ND < 4.0
Bromoform	ND < 4.0
Isopropylbenzene	ND < 4.0
1,1,2,2-Tetrachloroethane	ND < 4.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA9
Bromobenzene	ND < 4.0
1,2,3-Trichloropropane	ND < 4.0
n-Propylbenzene	ND < 4.0
2-Chlorotoluene	ND < 4.0
4-Chlorotoluene	ND < 4.0
1,3,5-Trimethylbenzene	ND < 4.0
tert-Butylbenzene	ND < 4.0
1,2,4-Trimethylbenzene	ND < 4.0
sec-Butylbenzene	ND < 4.0
1,3-Dichlorobenzene	ND < 4.0
4-Isopropyltoluene	ND < 4.0
1,4-Dichlorobenzene	ND < 4.0
1,2-Dichlorobenzene	ND < 4.0
n-Butylbenzene	ND < 4.0
1,2-Dibromo-3-Chloropropane	ND < 4.0
1,2,4-Trichlorobenzene	ND < 4.0
Hexachlorobutadiene	ND < 4.0
Naphthalene	ND < 4.0
1,2,3-Trichlorobenzene	ND < 4.0
1,2-Dichloroethane-d4 (SURR) 70-130	108
toluene-d8 (SURR) 70-130	99.1
4-bromofluorobenzene (SURR) 70-130	101

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

595

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2/3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: TOTAL LEAD, SPLP LEAD, TOTAL ARSENIC, ~~[illegible]~~, SPLP ARSENIC

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2/3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	SPLP LEAD	TOTAL ARSENIC	~~[illegible]~~	SPLP ARSENIC					TOTAL # OF CONT.	NOTE #
CONF 14 C	11-22-2010/ 1020	SOIL			2																				X	X								1
GA 9	11-22-2010/1100	SOIL			2		X						X	X											X	X	X		X					5

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	11-22-10/1118	[illegible]
[illegible]	11/22/10 1200	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:
copy AKoulik@Geodesign.net w/ results

Client / Reporting Information

Company Name: GeoDesign Inc.
Address: 984 Southford Road
City: MIDDLEBURY State: CT Zip: 06492
Report To: Chris Eggers E-mail: ceggers@geodesign.net
Phone #: 203- Fax #:

Project Information

Project Contact: Al Koulik PO #: 3101-4.1
Project: PARCEL C- SOUTH Project #: 3101-4.1
Location: NAUGATUCK, CT Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ BCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 6.0 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE57148-AE57149 ***Sampling Date(s):*** 11/22/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10110595

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 12/6/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10110595

Blank/LCS Report

QA Type: Conn. Extractable TPH Date Analyzed: 11/23/2010 Batch ID: 70235

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	89	60-120

All associated samples: AE57149

QA Type: Volatile Organics Date Analyzed: 11/22/2010 Batch ID: 70239

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	55 L	70-130
Chloromethane	ND<2.7	79	70-130
Vinyl Chloride	ND<1.6	87	70-130
Bromomethane	ND<5.0	128	70-130
Chloroethane	ND<5.0	126	70-130
Acetone	ND<50	104	70-130
Acrylonitrile	ND<20	71	70-130
Trichlorofluoromethane	ND<25	123	70-130
Trichlorotrifluoroethane	ND<25	89	70-130
1,1-Dichloroethene	ND<1.0	81	70-130
Methylene Chloride	ND<5.0	94	70-130
Carbon Disulfide	ND<5.0	84	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	93	70-130
trans-1,2-Dichloroethene	ND<1.0	76	70-130
1,1-Dichloroethane	ND<1.0	97	70-130
2-Butanone (MEK)	ND<25	88	70-130
2,2-Dichloropropane	ND<1.0	100	70-130
cis-1,2-Dichloroethene	ND<1.0	92	70-130
Chloroform	ND<1.0	80	70-130
Tetrahydrofuran	ND<5.0	60 L	70-130
1,1,1-Trichloroethane	ND<1.0	106	70-130
Carbon Tetrachloride	ND<1.0	108	70-130
1,1-Dichloropropene	ND<1.0	91	70-130
Benzene	ND<1.0	89	70-130
1,2-Dichloroethane	ND<1.0	83	70-130
Methyl Isobutyl Ketone	ND<25	70	70-130

Project: Parcel C South, Naugatuck
Cet#: 10110595

QA Type: Volatile Organics Date Analyzed: 11/22/2010 Batch ID: 70239

Analyte	Blank	LCS%Rec	LCS CL
Trichloroethene	ND<1.0	79	70-130
1,2-Dichloropropane	ND<1.0	89	70-130
Dibromomethane	ND<1.0	78	70-130
Bromodichloromethane	ND<0.5	88	70-130
2-Hexanone	ND<25	84	70-130
cis-1,3-Dichloropropene	ND<0.5	83	70-130
Toluene	ND<1.0	91	70-130
trans-1,3-Dichloropropene	ND<0.5	83	70-130
1,1,2-Trichloroethane	ND<1.0	80	70-130
Tetrachloroethene	ND<1.0	91	70-130
1,3-Dichloropropane	ND<1.0	80	70-130
Dibromochloromethane	ND<0.5	103	70-130
1,2-Dibromoethane	ND<0.5	80	70-130
Chlorobenzene	ND<1.0	73	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	74	70-130
Ethylbenzene	ND<1.0	80	70-130
m+p Xylenes	ND<1.0	75	70-130
o-Xylene	ND<1.0	75	70-130
Styrene	ND<1.0	74	70-130
Bromoform	ND<1.0	62 L	70-130
Isopropylbenzene	ND<1.0	78	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	72	70-130
Bromobenzene	ND<1.0	88	70-130
1,2,3-Trichloropropane	ND<1.0	84	70-130
n-Propylbenzene	ND<1.0	93	70-130
2-Chlorotoluene	ND<1.0	99	70-130
4-Chlorotoluene	ND<1.0	82	70-130
1,3,5-Trimethylbenzene	ND<1.0	93	70-130
tert-Butylbenzene	ND<1.0	93	70-130
1,2,4-Trimethylbenzene	ND<1.0	92	70-130
sec-Butylbenzene	ND<1.0	93	70-130
1,3-Dichlorobenzene	ND<1.0	88	70-130
4-Isopropyltoluene	ND<1.0	92	70-130
1,4-Dichlorobenzene	ND<1.0	88	70-130
1,2-Dichlorobenzene	ND<1.0	86	70-130
n-Butylbenzene	ND<1.0	92	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	58 L	70-130
1,2,4-Trichlorobenzene	ND<1.0	84	70-130
Hexachlorobutadiene	ND<0.45	80	70-130
Naphthalene	ND<1.0	70	70-130
1,2,3-Trichlorobenzene	ND<1.0	81	70-130

All associated samples: AE57149

QA Type: SPLP Metals Date Analyzed: 11/23/2010 Batch ID: 70252

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	99	80-120
Arsenic	ND<0.009	106	80-120

All associated samples: AE57148 AE57149

QA Type: Total Metals Date Analyzed: 11/23/2010 Batch ID: 70258

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	95	80-120
Arsenic	ND<1.0	101	80-120

All associated samples: AE57148 AE57149

Project: Parcel C South, Naugatuck
Cet#: 10110595

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/24/2010 Batch ID: 70297

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	39	30-130
n-Nitroso-dimethylamine	ND<300	53	40-140
bis(2-Chloroethyl)ether	ND<300	65	40-140
Phenol	ND<300	61	30-130
Aniline	ND<300	58	30-130
2-Chlorophenol	ND<300	70	30-130
1,3-Dichlorobenzene	ND<300	62	40-140
1,4-Dichlorobenzene	ND<300	63	40-140
Benzyl Alcohol	ND<300	77	30-130
1,2-Dichlorobenzene	ND<300	65	40-140
bis(2-chloroisopropyl)ether	ND<300	66	40-140
Hexachloroethane	ND<300	63	40-140
N-Nitroso-di-n-propylamine	ND<300	63	40-140
2-Methyl Phenol	ND<300	70	30-130
3+4 Methyl Phenol	ND<300	70	30-130
Nitrobenzene	ND<300	66	40-140
Isophorone	ND<300	67	40-140
2-Nitrophenol	ND<300	71	30-130
2,4-Dimethylphenol	ND<300	68	30-130
bis(2-Chloroethoxy)methane	ND<300	68	40-140
2,4-Dichlorophenol	ND<300	76	30-130
1,2,4-Trichlorobenzene	ND<300	75	40-140
Naphthalene	ND<300	69	40-140
4-Chloroaniline	ND<300	64	30-130
Hexachlorobutadiene	ND<300	74	40-140
4-Chloro-3-methylphenol	ND<300	74	30-130
2-Methyl Naphthalene	ND<300	91	40-140
Hexachlorocyclopentadiene	ND<300	58	40-140
2,4,6-Trichlorophenol	ND<300	73	30-130
2,4,5-Trichlorophenol	ND<300	76	30-130
2-Chloronaphthalene	ND<300	79	30-130
2-Nitroaniline	ND<300	72	30-130
Acenaphthylene	ND<300	69	40-140
Dimethylphthalate	ND<300	78	40-140
2,6-Dinitrotoluene	ND<300	76	40-140
4-Nitroaniline	ND<300	79	30-130
Acenaphthene	ND<300	73	40-140
2,4-Dinitrophenol	ND<300	90	30-130
2,4-Dinitrotoluene	ND<300	78	40-140
4-Nitrophenol	ND<300	62	30-130
Dibenzofuran	ND<300	74	40-140
Fluorene	ND<300	78	40-140
4-Chlorophenyl-phenylether	ND<300	78	40-140
Diethylphthalate	ND<300	90	40-140
3-Nitroaniline	ND<300	61	30-130
4,6-Dinitro-2-methylphenol	ND<300	90	30-130
n-Nitrosodiphenylamine	ND<300	82	40-140
Azobenzene	ND<300	71	40-140
4-Bromophenyl-phenylether	ND<300	76	40-140
Hexachlorobenzene	ND<300	75	40-140
Pentachlorophenol	ND<300	69	30-130
Phenanthrene	ND<300	77	40-140

Project: Parcel C South, Naugatuck
Cet#: 10110595

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/24/2010 Batch ID: 70297

Analyte	Blank	LCS%Rec	LCS CL
Anthracene	ND<300	76	40-140
Di-n-butylphthalate	ND<300	81	40-140
Fluoranthene	ND<300	81	40-140
Pyrene	ND<300	83	40-140
Butylbenzylphthalate	ND<300	83	40-140
Benzo[a]anthracene	ND<300	80	40-140
Chrysene	ND<300	80	40-140
bis(2-Ethylhexyl)phthalate	ND<300	86	40-140
Di-n-octylphthalate	ND<300	85	40-140
Benzo[b]fluoranthene	ND<300	94	40-140
Benzo[k]fluoranthene	ND<300	98	40-140
Benzo[a]pyrene	ND<300	95	40-140
Indeno[1,2,3-cd]pyrene	ND<300	90	40-140
Dibenz[a,h]anthracene	ND<300	89	40-140
Benzo[g,h,i]perylene	ND<300	90	40-140

All associated samples: AE57149

Project: Parcel C South, Naugatuck
Cet#: 10110595

Matrix Spike Report

QA Type: SPLP Metals Date Analyzed: 11/23/2010 Sample ID: AE57148 Client ID: Conf 14C

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.20	100	99	75-125	0.50	20
Arsenic	ND<0.009	0.20	104	107	75-125	2.84	20

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/24/2010 Sample ID: AE57149 Client ID: GA9

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Pyridine	ND<323	4300	37	40	30-130	6.00	30
n-Nitroso-dimethylamine	ND<323	4300	54	56	40-140	4.00	30
bis(2-Chloroethyl)ether	ND<323	4300	72	67	40-140	7.00	30
Phenol	ND<323	4300	60	63	30-130	4.00	30
Aniline	ND<323	4300	49	51	30-130	5.00	30
2-Chlorophenol	ND<323	4300	65	67	30-130	3.00	30
1,3-Dichlorobenzene	ND<323	4300	58	60	40-140	4.00	30
1,4-Dichlorobenzene	ND<323	4300	58	63	40-140	8.00	30
Benzyl Alcohol	ND<323	4300	49	26 L	30-130	62.00 H	30
1,2-Dichlorobenzene	ND<323	4300	60	63	40-140	4.00	30
bis(2-chloroisopropyl)ether	ND<323	4300	65	70	40-140	7.00	30
Hexachloroethane	ND<323	4300	30 L	33 L	40-140	8.00	30
N-Nitroso-di-n-propylamine	ND<323	4300	63	65	40-140	4.00	30
2-Methyl Phenol	ND<323	4300	74	72	30-130	3.00	30
3+4 Methyl Phenol	ND<323	4300	65	67	30-130	3.00	30
Nitrobenzene	ND<323	4300	65	67	40-140	3.00	30
Isophorone	ND<323	4300	63	65	40-140	4.00	30
2-Nitrophenol	ND<323	4300	54	56	30-130	4.00	30
2,4-Dimethylphenol	ND<323	4300	65	67	30-130	3.00	30
bis(2-Chloroethoxy)methane	ND<323	4300	65	67	40-140	3.00	30
2,4-Dichlorophenol	ND<323	4300	70	72	30-130	3.00	30
1,2,4-Trichlorobenzene	ND<323	4300	67	70	40-140	3.00	30
Naphthalene	ND<323	4300	65	67	40-140	3.00	30
4-Chloroaniline	ND<323	4300	58	58	30-130	0.00	30
Hexachlorobutadiene	ND<323	4300	65	67	40-140	3.00	30
4-Chloro-3-methylphenol	ND<323	4300	72	72	30-130	0.00	30
2-Methyl Naphthalene	ND<323	4300	86	86	40-140	0.00	30
Hexachlorocyclopentadiene	ND<323	4300	18 L	21 L	40-140	19.00	30
2,4,6-Trichlorophenol	ND<323	4300	67	65	30-130	3.00	30
2,4,5-Trichlorophenol	ND<323	4300	77	77	30-130	0.00	30
2-Chloronaphthalene	ND<323	4300	74	72	40-140	3.00	30
2-Nitroaniline	ND<323	4300	67	70	30-130	3.00	30
Acenaphthylene	ND<323	4300	65	67	40-140	3.00	30
Dimethylphthalate	ND<323	4300	74	74	40-140	0.00	30
2,6-Dinitrotoluene	ND<323	4300	67	70	40-140	3.00	30
4-Nitroaniline	ND<323	4300	74	79	30-130	6.00	30
Acenaphthene	ND<323	4300	70	70	40-140	0.00	30
2,4-Dinitrophenol	ND<323	4300	11 L	13 L	30-130	13.00	30
2,4-Dinitrotoluene	ND<323	4300	67	67	40-140	0.00	30
4-Nitrophenol	ND<323	4300	63	58	30-130	8.00	30

Project: Parcel C South, Naugatuck
Cet#: 10110595

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/24/2010 Sample ID: AE57149 Client ID: GA9

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Dibenzofuran	ND<323	4300	70	72	40-140	3.00	30
Fluorene	ND<323	4300	74	74	40-140	0.00	30
4-Chlorophenyl-phenylether	ND<323	4300	74	74	40-140	0.00	30
Diethylphthalate	ND<323	4300	81	88	40-140	8.00	30
3-Nitroaniline	ND<323	4300	58	60	30-130	4.00	30
4,6-Dinitro-2-methylphenol	ND<323	4300	12 L	14 L	30-130	14.00	30
n-Nitrosodiphenylamine	ND<323	4300	77	81	40-140	6.00	30
Azobenzene	ND<323	4300	67	70	40-140	3.00	30
4-Bromophenyl-phenylether	ND<323	4300	70	72	40-140	3.00	30
Hexachlorobenzene	ND<323	4300	72	74	40-140	3.00	30
Pentachlorophenol	ND<323	4300	65	65	30-130	0.00	30
Phenanthrene	ND<323	4300	74	77	40-140	3.00	30
Anthracene	ND<323	4300	74	74	40-140	0.00	30
Di-n-butylphthalate	ND<323	4300	77	79	40-140	3.00	30
Fluoranthene	ND<323	4300	81	84	40-140	3.00	30
Pyrene	ND<323	4300	84	86	40-140	3.00	30
Butylbenzylphthalate	ND<323	4300	74	77	40-140	3.00	30
Benzo[a]anthracene	ND<323	4300	77	79	40-140	3.00	30
Chrysene	ND<323	4300	77	79	40-140	3.00	30
bis(2-Ethylhexyl)phthalate	ND<323	4300	79	79	40-140	0.00	30
Di-n-octylphthalate	ND<323	4300	81	81	40-140	0.00	30
Benzo[b]fluoranthene	ND<323	4300	102	107	40-140	5.00	30
Benzo[k]fluoranthene	ND<323	4300	100	102	40-140	2.00	30
Benzo[a]pyrene	ND<323	4300	93	95	40-140	2.00	30
Indeno[1,2,3-cd]pyrene	ND<323	4300	60	63	40-140	4.00	30
Dibenz[a,h]anthracene	ND<323	4300	63	65	40-140	4.00	30
Benzo[g,h,i]perylene	ND<323	4300	51	54	40-140	4.00	30

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration VOC			
Dichlorodifluoromethane	70239	32 H	20
Chloromethane	70239	24 H	20
Vinyl Chloride	70239	29 H	20
Bromomethane	70239	29 H	20
Chloroethane	70239	29 H	20
Methylene Chloride	70239	21 H	20
All associated samples: AE57149			
Initial Calibration SVOC			
Benzyl Alcohol	70297	21 H	20
2,4-Dinitrophenol	70297	27 H	20
All associated samples: AE57149			

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Volatile Organics Cont Cal				
Dichlorodifluoromethane	70239	31 L	35-65	11/22/2010
2-Hexanone	70239	67 L	70-130	11/22/2010
1,2-Dibromo-3-Chloropropane	70239	30 L	35-65	11/22/2010
Naphthalene	70239	34 L	35-65	11/22/2010
All associated samples: AE57149				
Semi-Vol Cont Cal				
2,4-Dinitrophenol	70297	74 H	35-65	11/24/2010
All associated samples: AE57149				

QC Batch Report

Conn. Extractable TPH Batch 70235

CET ID	Client Sample ID	Matrix	Collection Date
AE57149	GA9	Soil	11/22/2010

Volatile Organics Batch 70239

CET ID	Client Sample ID	Matrix	Collection Date
AE57149	GA9	Soil	11/22/2010

SPLP Metals Batch 70252

CET ID	Client Sample ID	Matrix	Collection Date
AE57148	Conf 14C	Soil	11/22/2010
AE57149	GA9	Soil	11/22/2010

Total Metals Batch 70258

CET ID	Client Sample ID	Matrix	Collection Date
AE57148	Conf 14C	Soil	11/22/2010
AE57149	GA9	Soil	11/22/2010

EPA 8270C Semi-Volatile Organics Batch 70297

CET ID	Client Sample ID	Matrix	Collection Date
AE57149	GA9	Soil	11/22/2010

Narrative

4. Dichlorodifluoromethane LCS recovery low (55%) for batch 70239.
   Tetrahydrofuran LCS recovery low (60%) for batch 70239.
   Bromoform LCS recovery low (62%) for batch 70239.
   1,2-Dibromo-3-Chloropropane LCS recovery low (58%) for batch 70239.
   Benzyl Alcohol matrix spike RPD high (62.00%) for sample AE57149.
   Benzyl Alcohol matrix spike dup recovery low (26%) for sample AE57149.
   Hexachloroethane matrix spike recovery low (30%) for sample AE57149.
   Hexachloroethane matrix spike dup recovery low (33%) for sample AE57149.
   Hexachlorocyclopentadiene matrix spike recovery low (18%) for sample AE57149.
   Hexachlorocyclopentadiene matrix spike dup recovery low (21%) for sample AE57149.
   2,4-Dinitrophenol matrix spike recovery low (11%) for sample AE57149.
   2,4-Dinitrophenol matrix spike dup recovery low (13%) for sample AE57149.
   4,6-Dinitro-2-methylphenol matrix spike recovery low (12%) for sample AE57149.
   4,6-Dinitro-2-methylphenol matrix spike dup recovery low (14%) for sample AE57149.
   Dichlorodifluoromethane Initial Cal % RSD high(32%) for batch 70239.
   Chloromethane Initial Cal % RSD high(24%) for batch 70239.
   Vinyl Chloride Initial Cal % RSD high(29%) for batch 70239.
   Bromomethane Initial Cal % RSD high(29%) for batch 70239.
   Chloroethane Initial Cal % RSD high(29%) for batch 70239.
   Methylene Chloride Initial Cal % RSD high(21%) for batch 70239.
   Benzyl Alcohol Initial Cal % RSD high(21%) for batch 70297.
   2,4-Dinitrophenol Initial Cal % RSD high(27%) for batch 70297.
   Dichlorodifluoromethane CC low for batch 70239.
   2-Hexanone CC low for batch 70239.
   1,2-Dibromo-3-Chloropropane CC low for batch 70239.
   Naphthalene CC low for batch 70239.
   2,4-Dinitrophenol CC high for batch 70297.

6. The client requested a subset of the RCP metals list.

Project: Parcel C South, Naugatuck
Cet#: 10110595

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: TOTAL LEAD, SPLP LEAD, TOTAL ARSENIC, ~~[illegible]~~, SPLP ARSENIC

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	SPLP LEAD	TOTAL ARSENIC	~~[illegible]~~	SPLP ARSENIC					TOTAL # OF CONT.	NOTE #
CONF 14 C	11-22-2010/ 10:20	SOIL			2																				X	X							1	
GA 9	11-22-2010/ 11:00	SOIL			2		X						X	X											X	X	X		X				5	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	11-22-10/ 11:18	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: copy AKoudik @ Geodesign.net w/ results

Client / Reporting Information

Company Name: GeoDesign Inc.

Address: 484 Southford Road

City: MIDDLEBURY State: CT Zip: 06492

Report To: Chris Eggers E-mail: ceggers@geodesign.net

Phone #: 203- Fax #:

Project Information

Project Contact: Al Koudik PO #: 3101-4.1

Project: PARCEL C - SOUTH Project #: 3101-4.1

Location: NAUGATUCK, CT Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☐ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 6.0 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Eggers
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

GA-1

CET # 10110352

Report Date: November 23, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

NELAP ACCREDITED TNI LABORATORY

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE56192	GA7	Soil	11/11/2010	15:00	11/12/2010

Sample temperature upon receipt was 6.0 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/15/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/15/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/17/2010

Closed System P&T Extraction [EPA 5035A]

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/15/2010

Liquid-Liquid Extraction [EPA 3510]

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/19/2010

SPLP, Metals [EPA 1312]

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/16/2010

SPLP, Semi-Volatiles [EPA 1312]

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/16/2010

ANALYSIS:

pH [EPA 9045C]

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/17/2010
pH	7.83

Total Solids [EPA 160.3 mo] Units: percent

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/16/2010
Total Solids	95

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/15/2010
Dilution	1.0
Lead	3.9
Arsenic	1.6

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/17/2010
Dilution	1.0
Lead	ND < 0.013
Arsenic	ND < 0.009

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/16/2010
Dilution	1.0
Pyridine	ND < 316
n-Nitroso-dimethylamine	ND < 316
bis(2-Chloroethyl)ether	ND < 316
Phenol	ND < 316
Aniline	ND < 316
2-Chlorophenol	ND < 316
1,3-Dichlorobenzene	ND < 316
1,4-Dichlorobenzene	ND < 316
Benzyl Alcohol	ND < 316
1,2-Dichlorobenzene	ND < 316
bis(2-chloroisopropyl)ether	ND < 316
Hexachloroethane	ND < 316
N-Nitroso-di-n-propylamine	ND < 316
2-Methyl Phenol	ND < 316
3+4 Methyl Phenol	ND < 316
Nitrobenzene	ND < 316
Isophorone	ND < 316
2-Nitrophenol	ND < 316
2,4-Dimethylphenol	ND < 316
bis(2-Chloroethoxy)methane	ND < 316
Benzoic Acid	ND < 316
2,4-Dichlorophenol	ND < 316
1,2,4-Trichlorobenzene	ND < 316
Naphthalene	ND < 316
2,6-Dichlorophenol	ND < 316
4-Chloroaniline	ND < 316
Hexachlorobutadiene	ND < 316
4-Chloro-3-methylphenol	ND < 316
2-Methyl Naphthalene	ND < 316
Hexachlorocyclopentadiene	ND < 316
2,4,6-Trichlorophenol	ND < 316
2,4,5-Trichlorophenol	ND < 316
2-Chloronaphthalene	ND < 316
2-Nitroaniline	ND < 316
Acenaphthylene	ND < 316
Dimethylphthalate	ND < 316
2,6-Dinitrotoluene	ND < 316
4-Nitroaniline	ND < 316
Acenaphthene	ND < 316
2,4-Dinitrophenol	ND < 316
2,4-Dinitrotoluene	ND < 316
4-Nitrophenol	ND < 316
Dibenzofuran	ND < 316
2,3,4,6-Tetrachlorophenol	ND < 316
Fluorene	ND < 316
4-Chlorophenyl-phenylether	ND < 316
Diethylphthalate	ND < 316
3-Nitroaniline	ND < 316
4,6-Dinitro-2-methylphenol	ND < 316

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA7
n-Nitrosodiphenylamine	ND < 316
Azobenzene	ND < 316
4-Bromophenyl-phenylether	ND < 316
Hexachlorobenzene	ND < 316
Pentachlorophenol	ND < 316
Phenanthrene	ND < 316
Anthracene	ND < 316
Carbazole	ND < 316
Di-n-butylphthalate	ND < 316
Fluoranthene	ND < 316
Pyrene	ND < 316
Butylbenzylphthalate	ND < 316
3,3-Dichlorobenzidine	ND < 316
Benzo[a]anthracene	ND < 316
Chrysene	ND < 316
bis(2-Ethylhexyl)phthalate	ND < 316
Di-n-octylphthalate	ND < 316
Benzo[b]fluoranthene	ND < 316
Benzo[k]fluoranthene	ND < 316
Benzo[a]pyrene	ND < 316
Indeno[1,2,3-cd]pyrene	ND < 316
Dibenz[a,h]anthracene	ND < 316
Benzo[g,h,i]perylene	ND < 316
2-Fluorophenol (Surr) 30-130	65.2
Phenol-d5 (Surr) 30-130	65.7
Nitrobenzene-d5(Surr) 30-130	65.2
2-Fluorobiphenyl (Surr) 30-130	75.5
2,4,6-Tribromophenol (Surr) 30-130	64
Terphenyl-d14 (Surr) 30-130	89.7

EPA 8270 Semi-Vol. Dup Result [EPA 8270D] Units: ug/kg

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/16/2010
Dilution	1.0
Pyridine	ND < 316
n-Nitroso-dimethylamine	ND < 316
bis(2-Chloroethyl)ether	ND < 316
Phenol	ND < 316
Aniline	ND < 316
2-Chlorophenol	ND < 316
1,3-Dichlorobenzene	ND < 316
1,4-Dichlorobenzene	ND < 316
Benzyl Alcohol	ND < 316
1,2-Dichlorobenzene	ND < 316
bis(2-chloroisopropyl)ether	ND < 316
Hexachloroethane	ND < 316
N-Nitroso-di-n-propylamine	ND < 316
2-Methyl Phenol	ND < 316

EPA 8270 Semi-Vol. Dup Result [EPA 8270D] Units: ug/kg

Client ID	GA7
3+4 Methyl Phenol	ND < 316
Nitrobenzene	ND < 316
Isophorone	ND < 316
2-Nitrophenol	ND < 316
2,4-Dimethylphenol	ND < 316
bis(2-Chloroethoxy)methane	ND < 316
Benzoic Acid	ND < 316
2,4-Dichlorophenol	ND < 316
1,2,4-Trichlorobenzene	ND < 316
Naphthalene	ND < 316
2,6-Dichlorophenol	ND < 316
4-Chloroaniline	ND < 316
Hexachlorobutadiene	ND < 316
4-Chloro-3-methylphenol	ND < 316
2-Methyl Naphthalene	ND < 316
Hexachlorocyclopentadiene	ND < 316
2,4,6-Trichlorophenol	ND < 316
2,4,5-Trichlorophenol	ND < 316
2-Chloronaphthalene	ND < 316
2-Nitroaniline	ND < 316
Acenaphthylene	ND < 316
Dimethylphthalate	ND < 316
2,6-Dinitrotoluene	ND < 316
4-Nitroaniline	ND < 316
Acenaphthene	ND < 316
2,4-Dinitrophenol	ND < 316
2,4-Dinitrotoluene	ND < 316
4-Nitrophenol	ND < 316
Dibenzofuran	ND < 316
2,3,4,6-Tetrachlorophenol	ND < 316
Fluorene	ND < 316
4-Chlorophenyl-phenylether	ND < 316
Diethylphthalate	ND < 316
3-Nitroaniline	ND < 316
4,6-Dinitro-2-methylphenol	ND < 316
n-Nitrosodiphenylamine	ND < 316
Azobenzene	ND < 316
4-Bromophenyl-phenylether	ND < 316
Hexachlorobenzene	ND < 316
Pentachlorophenol	ND < 316
Phenanthrene	ND < 316
Anthracene	ND < 316
Carbazole	ND < 316
Di-n-butylphthalate	ND < 316
Fluoranthene	ND < 316
Pyrene	ND < 316
Butylbenzylphthalate	ND < 316
3,3-Dichlorobenzidine	ND < 316
Benzo[a]anthracene	ND < 316
Chrysene	ND < 316
bis(2-Ethylhexyl)phthalate	ND < 316
Di-n-octylphthalate	ND < 316

EPA 8270 Semi-Vol. Dup Result [EPA 8270D] Units: ug/kg

Client ID	GA7
Benzo[b]fluoranthene	ND < 316
Benzo[k]fluoranthene	ND < 316
Benzo[a]pyrene	ND < 316
Indeno[1,2,3-cd]pyrene	ND < 316
Dibenz[a,h]anthracene	ND < 316
Benzo[g,h,i]perylene	ND < 316
2-Fluorophenol (Surr) 30-130	65.2
Phenol-d5 (Surr) 30-130	65.7
Nitrobenzene-d5(Surr) 30-130	65.2
2-Fluorobiphenyl (Surr) 30-130	75.5
2,4,6-Tribromophenol (Surr) 30-130	64
Terphenyl-d14 (Surr) 30-130	89.7

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/18/2010
Dilution	1.0
ETPH	ND < 53
Octacosane (surr) 50-150	89.5

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/12/2010
Dilution	1.3
Dichlorodifluoromethane	ND < 11
Chloromethane	ND < 8.0
Vinyl Chloride	ND < 4.0
Bromomethane	ND < 8.0
Chloroethane	ND < 8.0
Acetone	ND < 110
Acrylonitrile	ND < 6.0
Trichlorofluoromethane	ND < 11
Trichlorotrifluoroethane	ND < 22
1,1-Dichloroethene	ND < 4.0
Methylene Chloride	ND < 36
Carbon Disulfide	ND < 8.0
Methyl-t-Butyl Ether (MTBE)	ND < 4.0
trans-1,2-Dichloroethene	ND < 4.0
1,1-Dichloroethane	ND < 4.0
2-Butanone (MEK)	ND < 18
2,2-Dichloropropane	ND < 4.0
cis-1,2-Dichloroethene	ND < 4.0
Chloroform	ND < 4.0
Tetrahydrofuran	ND < 18
1,1,1-Trichloroethane	ND < 4.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA7
Carbon Tetrachloride	ND < 4.0
1,1-Dichloropropene	ND < 4.0
Benzene	ND < 4.0
1,2-Dichloroethane	ND < 4.0
Methyl Isobutyl Ketone	ND < 18
Trichloroethene	ND < 4.0
1,2-Dichloropropane	ND < 4.0
Dibromomethane	ND < 4.0
Bromodichloromethane	ND < 4.0
2-Hexanone	ND < 18
cis-1,3-Dichloropropene	ND < 4.0
Toluene	ND < 4.0
trans-1,3-Dichloropropene	ND < 4.0
1,1,2-Trichloroethane	ND < 4.0
Tetrachloroethene	ND < 4.0
1,3-Dichloropropane	ND < 4.0
Dibromochloromethane	ND < 4.0
1,2-Dibromoethane	ND < 4.0
trans-1,4-Dichloro-2-Butene	ND < 18
Chlorobenzene	ND < 4.0
1,1,1,2-Tetrachloroethane	ND < 4.0
Ethylbenzene	ND < 4.0
m+p Xylenes	ND < 4.0
o-Xylene	ND < 4.0
Styrene	ND < 4.0
Bromoform	ND < 4.0
Isopropylbenzene	ND < 4.0
1,1,2,2-Tetrachloroethane	ND < 4.0
Bromobenzene	ND < 4.0
1,2,3-Trichloropropane	ND < 4.0
n-Propylbenzene	ND < 4.0
2-Chlorotoluene	ND < 4.0
4-Chlorotoluene	ND < 4.0
1,3,5-Trimethylbenzene	ND < 4.0
tert-Butylbenzene	ND < 4.0
1,2,4-Trimethylbenzene	ND < 4.0
sec-Butylbenzene	ND < 4.0
1,3-Dichlorobenzene	ND < 4.0
4-Isopropyltoluene	ND < 4.0
1,4-Dichlorobenzene	ND < 4.0
1,2-Dichlorobenzene	ND < 4.0
n-Butylbenzene	ND < 4.0
1,2-Dibromo-3-Chloropropane	ND < 4.0
1,2,4-Trichlorobenzene	ND < 4.0
Hexachlorobutadiene	ND < 4.0
Naphthalene	ND < 4.0
1,2,3-Trichlorobenzene	ND < 4.0
1,2 Dichloroethane-d4 (SURR) 70-130	109
toluene-d8 (SURR) 70-130	98.6
4-bromofluorobenzene (SURR) 70-130	98.3

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/l Matrix: SPLP Ext.

Client ID	GA7
CET ID	AE56192
Date Analyzed	11/19/2010
Dilution	1.0
Pyridine	ND < 4.0
n-Nitroso-dimethylamine	ND < 20
bis(2-Chloroethyl)ether	ND < 10
Phenol	ND < 20
Aniline	ND < 20
2-Chlorophenol	ND < 20
1,3-Dichlorobenzene	ND < 5.0
1,4-Dichlorobenzene	ND < 5.0
Benzyl Alcohol	ND < 20
1,2-Dichlorobenzene	ND < 5.0
bis(2-chloroisopropyl)ether	ND < 10
Hexachloroethane	ND < 3.0
N-Nitroso-di-n-propylamine	ND < 10
2-Methyl Phenol	ND < 20
3+4 Methyl Phenol	ND < 20
Nitrobenzene	ND < 20
Isophorone	ND < 20
2-Nitrophenol	ND < 20
2,4-Dimethylphenol	ND < 20
bis(2-Chloroethoxy)methane	ND < 20
Benzoic Acid	ND < 20
2,4-Dichlorophenol	ND < 20
1,2,4-Trichlorobenzene	ND < 5.0
Naphthalene	ND < 1.0
2,6-Dichlorophenol	ND < 20
4-Chloroaniline	ND < 20
Hexachlorobutadiene	ND < 20
4-Chloro-3-methylphenol	ND < 20
2-Methyl Naphthalene	ND < 1.0
Hexachlorocyclopentadiene	ND < 20
2,4,6-Trichlorophenol	ND < 20
2,4,5-Trichlorophenol	ND < 20
2-Chloronaphthalene	ND < 20
2-Nitroaniline	ND < 20
Acenaphthylene	ND < 0.30
Dimethylphthalate	ND < 20
2,6-Dinitrotoluene	ND < 75
4-Nitroaniline	ND < 20
Acenaphthene	ND < 1.0
2,4-Dinitrophenol	ND < 20
2,4-Dinitrotoluene	ND < 75
4-Nitrophenol	ND < 75
Dibenzofuran	ND < 1.0
2,3,4,6-Tetrachlorophenol	ND < 20
Fluorene	ND < 1.0
4-Chlorophenyl-phenylether	ND < 20
Diethylphthalate	ND < 20
3-Nitroaniline	ND < 20
4,6-Dinitro-2-methylphenol	ND < 20

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/l Matrix: SPLP Ext.

Client ID	GA7
n-Nitrosodiphenylamine	ND < 20
Azobenzene	ND < 20
4-Bromophenyl-phenylether	ND < 20
Hexachlorobenzene	ND < 0.077
Pentachlorophenol	ND < 1.0
Phenanthrene	0.26
Anthracene	ND < 1.0
Carbazole	ND < 1.0
Di-n-butylphthalate	ND < 20
Fluoranthene	ND < 1.0
Pyrene	ND < 1.0
Butylbenzylphthalate	ND < 20
3,3-Dichlorobenzidine	ND < 75
Benzo[a]anthracene	ND < 0.06
Chrysene	ND < 1.0
bis(2-Ethylhexyl)phthalate	ND < 2.0
Di-n-octylphthalate	ND < 20
Benzo[b]fluoranthene	ND < 0.08
Benzo[k]fluoranthene	ND < 0.30
Benzo[a]pyrene	ND < 0.20
Indeno[1,2,3-cd]pyrene	ND < 0.20
Dibenz[a,h]anthracene	ND < 0.20
Benzo[g,h,i]perylene	ND < 1.0
2-Fluorophenol (Surr) 15-110	29
Phenol-d5 (Surr) 15-110	17
Nitrobenzene-d5(Surr) 30-130	58
2-Fluorobiphenyl (Surr) 30-130	61
2,4,6-Tribromophenol (Surr) 15-110	65
Terphenyl-d14 (Surr) 30-130	81

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

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CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: TOTAL LEAD, TOTAL ARSENIC, SPLP LEAD, SPLP ARSENIC, SPLP 8270, pH, Total Solids

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	TOTAL ARSENIC	SPLP LEAD	SPLP ARSENIC	SPLP 8270	pH	Total Solids			TOTAL # OF CONT.	NOTE #
GA 7	11-12-10 / 1500	Soil					X						X	X											X	X	X	X	X	X	X			5	

PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other): 5

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Eggers	11-12-10 / 12:02	JCSTLC
JCSTLC	11/12/10 1:23	[illegible]

NOTES:

Client / Reporting Information

Company Name: GeoDesign
Address: 984 SOUTHFORD RD
City: MIDDLEBURY State: CT Zip: 06762
Report To: Chris Eggers E-mail: CEGGERS@GeoDesign.net
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: Al Kovitk PO #: 3101-4.1
Project: PARCEL C-SOUTH Project #: 3101-4.1
Location: NAUGATUCK, CT Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: 6.0 (Y) or N
Temp Upon Receipt °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE56192 ***Sampling Date(s):*** 11/11/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10110352

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 11/24/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10110352

Blank/LCS Report

QA Type: Volatile Organics Date Analyzed: 11/12/2010 Batch ID: 70058

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	113	70-130
Chloromethane	ND<2.7	128	70-130
Vinyl Chloride	ND<1.6	101	70-130
Bromomethane	ND<5.0	202 H	70-130
Chloroethane	ND<5.0	194 H	70-130
Acetone	ND<50	154 H	70-130
Acrylonitrile	ND<20	123	70-130
Trichlorofluoromethane	ND<25	163 H	70-130
Trichlorotrifluoroethane	ND<25	121	70-130
1,1-Dichloroethene	ND<1.0	113	70-130
Methylene Chloride	ND<5.0	123	70-130
Carbon Disulfide	ND<5.0	114	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	142 H	70-130
trans-1,2-Dichloroethene	ND<1.0	120	70-130
1,1-Dichloroethane	ND<1.0	140 H	70-130
2-Butanone (MEK)	ND<25	123	70-130
2,2-Dichloropropane	ND<1.0	120	70-130
cis-1,2-Dichloroethene	ND<1.0	124	70-130
Chloroform	ND<1.0	108	70-130
Tetrahydrofuran	ND<5.0	128	70-130
1,1,1-Trichloroethane	ND<1.0	120	70-130
Carbon Tetrachloride	ND<1.0	129	70-130
1,1-Dichloropropene	ND<1.0	111	70-130
Benzene	ND<1.0	113	70-130
1,2-Dichloroethane	ND<1.0	120	70-130
Methyl Isobutyl Ketone	ND<25	118	70-130
Trichloroethene	ND<1.0	106	70-130
1,2-Dichloropropane	ND<1.0	114	70-130
Dibromomethane	ND<1.0	114	70-130
Bromodichloromethane	ND<0.5	116	70-130
2-Hexanone	ND<25	112	70-130
cis-1,3-Dichloropropene	ND<0.5	112	70-130

Project: Parcel C South, Naugatuck
Cet#: 10110352

QA Type: Volatile Organics Date Analyzed: 11/12/2010 Batch ID: 70058

Analyte	Blank	LCS%Rec	LCS CL
Toluene	ND<1.0	110	70-130
trans-1,3-Dichloropropene	ND<0.5	112	70-130
1,1,2-Trichloroethane	ND<1.0	111	70-130
Tetrachloroethene	ND<1.0	107	70-130
1,3-Dichloropropane	ND<1.0	111	70-130
Dibromochloromethane	ND<0.5	91	70-130
1,2-Dibromoethane	ND<0.5	89	70-130
Chlorobenzene	ND<1.0	89	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	92	70-130
Ethylbenzene	ND<1.0	90	70-130
m+p Xylenes	ND<1.0	89	70-130
o-Xylene	ND<1.0	90	70-130
Styrene	ND<1.0	90	70-130
Bromoform	ND<1.0	91	70-130
Isopropylbenzene	ND<1.0	90	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	94	70-130
Bromobenzene	ND<1.0	104	70-130
1,2,3-Trichloropropane	ND<1.0	105	70-130
n-Propylbenzene	ND<1.0	104	70-130
2-Chlorotoluene	ND<1.0	94	70-130
4-Chlorotoluene	ND<1.0	117	70-130
1,3,5-Trimethylbenzene	ND<1.0	103	70-130
tert-Butylbenzene	ND<1.0	101	70-130
1,2,4-Trimethylbenzene	ND<1.0	102	70-130
sec-Butylbenzene	ND<1.0	101	70-130
1,3-Dichlorobenzene	ND<1.0	101	70-130
4-Isopropyltoluene	ND<1.0	100	70-130
1,4-Dichlorobenzene	ND<1.0	101	70-130
1,2-Dichlorobenzene	ND<1.0	101	70-130
n-Butylbenzene	ND<1.0	101	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	99	70-130
1,2,4-Trichlorobenzene	ND<1.0	98	70-130
Hexachlorobutadiene	ND<0.45	90	70-130
Naphthalene	ND<1.0	99	70-130
1,2,3-Trichlorobenzene	ND<1.0	96	70-130

All associated samples: AE56192

QA Type: Total Metals Date Analyzed: 11/15/2010 Batch ID: 70079

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	104	80-120
Arsenic	ND<1.0	107	80-120

All associated samples: AE56192

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/16/2010 Batch ID: 70114

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	43	30-130
n-Nitroso-dimethylamine	ND<300	57	40-140
bis(2-Chloroethyl)ether	ND<300	72	40-140
Phenol	ND<300	73	30-130
Aniline	ND<300	50	30-130
2-Chlorophenol	ND<300	77	30-130
1,3-Dichlorobenzene	ND<300	68	40-140

Project: Parcel C South, Naugatuck
Cet#: 10110352

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/16/2010 Batch ID: 70114

Analyte	Blank	LCS%Rec	LCS CL
1,4-Dichlorobenzene	ND<300	69	40-140
Benzyl Alcohol	ND<300	51	30-130
1,2-Dichlorobenzene	ND<300	70	40-140
bis(2-chloroisopropyl)ether	ND<300	70	40-140
Hexachloroethane	ND<300	69	40-140
N-Nitroso-di-n-propylamine	ND<300	71	40-140
2-Methyl Phenol	ND<300	72	30-130
3+4 Methyl Phenol	ND<300	74	30-130
Nitrobenzene	ND<300	72	40-140
Isophorone	ND<300	75	40-140
2-Nitrophenol	ND<300	80	30-130
2,4-Dimethylphenol	ND<300	58	30-130
bis(2-Chloroethoxy)methane	ND<300	76	40-140
2,4-Dichlorophenol	ND<300	84	30-130
1,2,4-Trichlorobenzene	ND<300	80	40-140
Naphthalene	ND<300	76	40-140
4-Chloroaniline	ND<300	65	30-130
Hexachlorobutadiene	ND<300	78	40-140
4-Chloro-3-methylphenol	ND<300	84	30-130
2-Methyl Naphthalene	ND<300	79	40-140
Hexachlorocyclopentadiene	ND<300	59	40-140
2,4,6-Trichlorophenol	ND<300	76	30-130
2,4,5-Trichlorophenol	ND<300	84	30-130
2-Chloronaphthalene	ND<300	77	30-130
2-Nitroaniline	ND<300	80	30-130
Acenaphthylene	ND<300	76	40-140
Dimethylphthalate	ND<300	87	40-140
2,6-Dinitrotoluene	ND<300	85	40-140
4-Nitroaniline	ND<300	80	30-130
Acenaphthene	ND<300	81	40-140
2,4-Dinitrophenol	ND<300	88	30-130
2,4-Dinitrotoluene	ND<300	86	40-140
4-Nitrophenol	ND<300	82	30-130
Dibenzofuran	ND<300	83	40-140
Fluorene	ND<300	85	40-140
4-Chlorophenyl-phenylether	ND<300	87	40-140
Diethylphthalate	ND<300	85	40-140
3-Nitroaniline	ND<300	62	30-130
4,6-Dinitro-2-methylphenol	ND<300	97	30-130
n-Nitrosodiphenylamine	ND<300	91	40-140
Azobenzene	ND<300	70	40-140
4-Bromophenyl-phenylether	ND<300	82	40-140
Hexachlorobenzene	ND<300	81	40-140
Pentachlorophenol	ND<300	74	30-130
Phenanthrene	ND<300	83	40-140
Anthracene	ND<300	81	40-140
Di-n-butylphthalate	ND<300	87	40-140
Fluoranthene	ND<300	89	40-140
Pyrene	ND<300	88	40-140
Butylbenzylphthalate	ND<300	91	40-140
Benzo[a]anthracene	ND<300	87	40-140
Chrysene	ND<300	86	40-140

Project: Parcel C South, Naugatuck
Cet#: 10110352

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/16/2010 Batch ID: 70114

Analyte	Blank	LCS%Rec	LCS CL
bis(2-Ethylhexyl)phthalate	ND<300	94	40-140
Di-n-octylphthalate	ND<300	93	40-140
Benzo[b]fluoranthene	ND<300	93	40-140
Benzo[k]fluoranthene	ND<300	95	40-140
Benzo[a]pyrene	ND<300	88	40-140
Indeno[1,2,3-cd]pyrene	ND<300	93	40-140
Dibenz[a,h]anthracene	ND<300	95	40-140
Benzo[g,h,i]perylene	ND<300	96	40-140

All associated samples: AE56192

QA Type: Conn. Extractable TPH Date Analyzed: 11/18/2010 Batch ID: 70136

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	86	60-120

All associated samples: AE56192

QA Type: SPLP Metals Date Analyzed: 11/17/2010 Batch ID: 70143

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	99	80-120
Arsenic	ND<0.009	105	80-120

All associated samples: AE56192

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/19/2010 Batch ID: 70181

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<4.0	38	30-130
n-Nitroso-dimethylamine	ND<20	38 L	40-140
bis(2-Chloroethyl)ether	ND<10	68	40-140
Phenol	ND<20	30	30-130
Aniline	ND<20	62	30-130
2-Chlorophenol	ND<20	60	30-130
1,3-Dichlorobenzene	ND<5.0	62	40-140
1,4-Dichlorobenzene	ND<5.0	58	40-140
Benzyl Alcohol	ND<20	62	30-130
1,2-Dichlorobenzene	ND<5.0	60	40-140
bis(2-chloroisopropyl)ether	ND<10	58	40-140
Hexachloroethane	ND<3.0	58	40-140
N-Nitroso-di-n-propylamine	ND<10	72	40-140
2-Methyl Phenol	ND<20	55	30-130
3+4 Methyl Phenol	ND<20	52	30-130
Nitrobenzene	ND<20	68	40-140
Isophorone	ND<20	75	40-140
2-Nitrophenol	ND<20	68	30-130
2,4-Dimethylphenol	ND<20	68	30-130
bis(2-Chloroethoxy)methane	ND<20	75	40-140
2,4-Dichlorophenol	ND<20	75	30-130
1,2,4-Trichlorobenzene	ND<5.0	70	40-140
Naphthalene	ND<1.0	65	40-140
4-Chloroaniline	ND<20	78	30-130
Hexachlorobutadiene	ND<20	68	40-140
4-Chloro-3-methylphenol	ND<20	80	30-130
2-Methyl Naphthalene	ND<1.0	70	40-140
Hexachlorocyclopentadiene	ND<20	75	40-140
2,4,6-Trichlorophenol	ND<20	85	30-130

Project: Parcel C South, Naugatuck
Cet#: 10110352

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/19/2010 Batch ID: 70181

Analyte	Blank	LCS%Rec	LCS CL
2,4,5-Trichlorophenol	ND<20	88	30-130
2-Chloronaphthalene	ND<20	75	40-140
2-Nitroaniline	ND<20	92	30-130
Acenaphthylene	ND<0.30	72	40-140
Dimethylphthalate	ND<20	88	40-140
2,6-Dinitrotoluene	ND<75	95	40-140
4-Nitroaniline	ND<20	75	30-130
Acenaphthene	ND<1.0	78	40-140
2,4-Dinitrophenol	ND<20	32	30-130
2,4-Dinitrotoluene	ND<75	92	40-140
4-Nitrophenol	ND<75	32	30-130
Dibenzofuran	ND<1.0	78	40-140
Fluorene	ND<1.0	85	40-140
4-Chlorophenyl-phenylether	ND<20	88	40-140
Diethylphthalate	ND<20	88	40-140
3-Nitroaniline	ND<20	140 H	30-130
4,6-Dinitro-2-methylphenol	ND<20	58	30-130
n-Nitrosodiphenylamine	ND<20	100	40-140
4-Bromophenyl-phenylether	ND<20	88	40-140
Hexachlorobenzene	ND<0.077	85	40-140
Pentachlorophenol	ND<1.0	50	30-130
Phenanthrene	ND<0.077	85	40-140
Anthracene	ND<1.0	85	40-140
Di-n-butylphthalate	ND<20	92	40-140
Fluoranthene	ND<1.0	90	40-140
Pyrene	ND<1.0	90	40-140
Butylbenzylphthalate	ND<20	98	40-140
Benzo[a]anthracene	ND<0.06	98	40-140
Chrysene	ND<1.0	98	40-140
bis(2-Ethylhexyl)phthalate	ND<2.0	85	40-140
Di-n-octylphthalate	ND<20	100	30-130
Benzo[b]fluoranthene	ND<0.08	110	40-140
Benzo[k]fluoranthene	ND<0.30	102	40-140
Benzo[a]pyrene	ND<0.20	110	40-140
Indeno[1,2,3-cd]pyrene	ND<0.20	128	40-140
Dibenz[a,h]anthracene	ND<0.20	135	40-140
Benzo[g,h,i]perylene	ND<1.0	115	40-140

All associated samples: AE56192

Project: Parcel C South, Naugatuck
Cet#: 10110352

Matrix Spike Report

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/16/2010 Sample ID: AE56192 Client ID: GA7

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Pyridine	ND<316	4200	38	45	30-130	17.00	30
n-Nitroso-dimethylamine	ND<316	4200	50	60	40-140	17.00	30
bis(2-Chloroethyl)ether	ND<316	4200	64	76	40-140	17.00	30
Phenol	ND<316	4200	60	71	30-130	18.00	30
Aniline	ND<316	4200	36	55	30-130	42.00 H	30
2-Chlorophenol	ND<316	4200	67	79	30-130	16.00	30
1,3-Dichlorobenzene	ND<316	4200	62	71	40-140	14.00	30
1,4-Dichlorobenzene	ND<316	4200	62	74	40-140	18.00	30
Benzyl Alcohol	ND<316	4200	16 L	16 L	30-130	1.00	30
1,2-Dichlorobenzene	ND<316	4200	62	74	40-140	18.00	30
bis(2-chloroisopropyl)ether	ND<316	4200	60	71	40-140	18.00	30
Hexachloroethane	ND<316	4200	62	74	40-140	18.00	30
N-Nitroso-di-n-propylamine	ND<316	4200	62	74	40-140	18.00	30
2-Methyl Phenol	ND<316	4200	57	74	30-130	26.00	30
3+4 Methyl Phenol	ND<316	4200	67	81	30-130	19.00	30
Nitrobenzene	ND<316	4200	62	74	40-140	18.00	30
Isophorone	ND<316	4200	64	76	40-140	17.00	30
2-Nitrophenol	ND<316	4200	67	79	30-130	16.00	30
2,4-Dimethylphenol	ND<316	4200	45	71	30-130	45.00 H	30
bis(2-Chloroethoxy)methane	ND<316	4200	64	76	40-140	17.00	30
2,4-Dichlorophenol	ND<316	4200	69	83	30-130	19.00	30
1,2,4-Trichlorobenzene	ND<316	4200	71	83	40-140	15.00	30
Naphthalene	ND<316	4200	67	79	40-140	16.00	30
4-Chloroaniline	ND<316	4200	45	60	30-130	27.00	30
Hexachlorobutadiene	ND<316	4200	69	83	40-140	19.00	30
4-Chloro-3-methylphenol	ND<316	4200	67	79	30-130	16.00	30
2-Methyl Naphthalene	ND<316	4200	81	88	40-140	8.00	30
Hexachlorocyclopentadiene	ND<316	4200	55	69	40-140	23.00	30
2,4,6-Trichlorophenol	ND<316	4200	55	64	30-130	16.00	30
2,4,5-Trichlorophenol	ND<316	4200	76	90	30-130	17.00	30
2-Chloronaphthalene	ND<316	4200	67	81	40-140	19.00	30
2-Nitroaniline	ND<316	4200	67	79	30-130	16.00	30
Acenaphthylene	ND<316	4200	64	79	40-140	20.00	30
Dimethylphthalate	ND<316	4200	74	88	40-140	18.00	30
2,6-Dinitrotoluene	ND<316	4200	69	81	40-140	16.00	30
4-Nitroaniline	ND<316	4200	69	83	30-130	19.00	30
Acenaphthene	ND<316	4200	69	81	40-140	16.00	30
2,4-Dinitrophenol	ND<316	4200	60	67	30-130	11.00	30
2,4-Dinitrotoluene	ND<316	4200	74	88	40-140	18.00	30
4-Nitrophenol	ND<316	4200	57	55	30-130	4.00	30
Dibenzofuran	ND<316	4200	71	83	40-140	15.00	30
Fluorene	ND<316	4200	71	86	40-140	18.00	30
4-Chlorophenyl-phenylether	ND<316	4200	74	86	40-140	15.00	30
Diethylphthalate	ND<316	4200	74	86	40-140	15.00	30
3-Nitroaniline	ND<316	4200	55	67	30-130	20.00	30
4,6-Dinitro-2-methylphenol	ND<316	4200	76	83	30-130	9.00	30
n-Nitrosodiphenylamine	ND<316	4200	79	93	40-140	17.00	30

Project: Parcel C South, Naugatuck
Cet#: 10110352

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/16/2010 Sample ID: AE56192 Client ID: GA7

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Azobenzene	ND<316	4200	60	71	40-140	18.00	30
4-Bromophenyl-phenylether	ND<316	4200	71	83	40-140	15.00	30
Hexachlorobenzene	ND<316	4200	69	81	40-140	16.00	30
Pentachlorophenol	ND<316	4200	50	52	30-130	5.00	30
Phenanthrene	ND<316	4200	71	83	40-140	15.00	30
Anthracene	ND<316	4200	71	86	40-140	18.00	30
Di-n-butylphthalate	ND<316	4200	76	88	40-140	14.00	30
Fluoranthene	ND<316	4200	76	88	40-140	14.00	30
Pyrene	ND<316	4200	76	90	40-140	17.00	30
Butylbenzylphthalate	ND<316	4200	79	93	40-140	17.00	30
Benzo[a]anthracene	ND<316	4200	74	88	40-140	18.00	30
Chrysene	ND<316	4200	76	88	40-140	14.00	30
bis(2-Ethylhexyl)phthalate	ND<316	4200	81	95	40-140	16.00	30
Di-n-octylphthalate	ND<316	4200	81	95	40-140	16.00	30
Benzo[b]fluoranthene	ND<316	4200	79	93	40-140	17.00	30
Benzo[k]fluoranthene	ND<316	4200	83	98	40-140	16.00	30
Benzo[a]pyrene	ND<316	4200	76	90	40-140	17.00	30
Indeno[1,2,3-cd]pyrene	ND<316	4200	81	93	40-140	14.00	30
Dibenz[a,h]anthracene	ND<316	4200	79	93	40-140	17.00	30
Benzo[g,h,i]perylene	ND<316	4200	81	93	40-140	14.00	30

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration VOC			
Dichlorodifluoromethane	70058	32 H	20
Chloromethane	70058	24 H	20
Vinyl Chloride	70058	29 H	20
Bromomethane	70058	29 H	20
Chloroethane	70058	29 H	20
Methylene Chloride	70058	21 H	20
All associated samples: AE56192			
Initial Calibration SVOC			
Benzyl Alcohol	70114	21 H	20
2,4-Dinitrophenol	70114	27 H	20
All associated samples: AE56192			

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Volatile Organics Cont Cal				
Bromomethane	70058	94 H	35-65	11/12/2010
Chloroethane	70058	94 H	35-65	11/12/2010
Trichlorofluoromethane	70058	80 H	35-65	11/12/2010
All associated samples: AE56192				
Semi-Vol Cont Cal				
Hexachlorocyclopentadiene	70114	32 L	35-65	11/16/2010
2,4-Dinitrophenol	70114	73 H	35-65	11/16/2010
All associated samples: AE56192				

QC Batch Report

Volatile Organics Batch 70058

CET ID	Client Sample ID	Matrix	Collection Date
AE56192	GA7	Soil	11/11/2010

Total Metals Batch 70079

CET ID	Client Sample ID	Matrix	Collection Date
AE56192	GA7	Soil	11/11/2010

EPA 8270C Semi-Volatile Organics Batch 70114

CET ID	Client Sample ID	Matrix	Collection Date
AE56192	GA7	Soil	11/11/2010

Conn. Extractable TPH Batch 70136

CET ID	Client Sample ID	Matrix	Collection Date
AE56192	GA7	Soil	11/11/2010

SPLP Metals Batch 70143

CET ID	Client Sample ID	Matrix	Collection Date
AE56192	GA7	Soil	11/11/2010

EPA 8270C Semi-Volatile Organics Batch 70181

CET ID	Client Sample ID	Matrix	Collection Date
AE56192	GA7	Soil	11/11/2010

Narrative

4. Bromomethane LCS recovery high (202%) for batch 70058.
   Chloroethane LCS recovery high (194%) for batch 70058.
   Acetone LCS recovery high (154%) for batch 70058.
   Trichlorofluoromethane LCS recovery high (163%) for batch 70058.
   Methyl-t-Butyl Ether (MTBE) LCS recovery high (142%) for batch 70058.
   1,1-Dichloroethane LCS recovery high (140%) for batch 70058.
   n-Nitroso-dimethylamine LCS recovery low (38%) for batch 70181.
   3-Nitroaniline LCS recovery high (140%) for batch 70181.
   Aniline matrix spike RPD high (42.00%) for sample AE56192.
   Benzyl Alcohol matrix spike recovery low (16%) for sample AE56192.
   Benzyl Alcohol matrix spike dup recovery low (16%) for sample AE56192.
   2,4-Dimethylphenol matrix spike RPD high (45.00%) for sample AE56192.
   Dichlorodifluoromethane Initial Cal % RSD high(32%) for batch 70058.
   Chloromethane Initial Cal % RSD high(24%) for batch 70058.
   Vinyl Chloride Initial Cal % RSD high(29%) for batch 70058.
   Bromomethane Initial Cal % RSD high(29%) for batch 70058.
   Chloroethane Initial Cal % RSD high(29%) for batch 70058.
   Methylene Chloride Initial Cal % RSD high(21%) for batch 70058.
   Benzyl Alcohol Initial Cal % RSD high(21%) for batch 70114.
   2,4-Dinitrophenol Initial Cal % RSD high(27%) for batch 70114.
   Bromomethane CC high for batch 70058.
   Chloroethane CC high for batch 70058.
   Trichlorofluoromethane CC high for batch 70058.
   Hexachlorocyclopentadiene CC low for batch 70114.
   2,4-Dinitrophenol CC high for batch 70114.

6. The client requested a subset of the RCP metals list.

Project: Parcel C South, Naugatuck
Cet#: 10110352

COMPLETE ENVIRONMENTAL TESTING, INC.

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Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Total Lead	Total Arsenic	SPLP Lead	SPLP Arsenic	SPLP SZW	Soil	Total Solids			TOTAL # OF CONT.	NOTE #
GA 7	11-12-10 / 1500	Soil					X						X	X											X	X	X	X	X	X	X			5	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Eggers	11-12-10 / 12:02	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: GeoDesign

Address: 984 SOUTHFORD RD

City: MIDDLE BURY State: CT Zip: 06762

Report To: Chris Eggers E-mail: CEGGERS@GeoDesign.net

Phone #: 203-759-8836 Fax #: 203-759-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-41

Project: PARKER C-SOUTH Project #: 3101-4.1

Location: NAUGATUCK CT Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☑ RCP Pkg *

Data Report: ☑ Email ☑ PDF ☑ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 6.3 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Eggers
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

Conf 14B
TRS-13
Conf 21
Conf 22

CET # 10110479

Report Date: November 19, 2010

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE56719	GA8	Soil	11/16/2010	15:00	11/17/2010

Sample temperature upon receipt was 6.0 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/18/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/17/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/18/2010

Closed System P&T Extraction [EPA 5035A]

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/18/2010

Liquid-Liquid Extraction [EPA 3510]

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/19/2010

SPLP, Metals [EPA 1312]

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/18/2010

SPLP, Semi-Volatiles [EPA 1312]

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/18/2010

ANALYSIS:

pH [EPA 9045C]

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/18/2010
pH	7.92

Total Solids [EPA 160.3 mo] Units: percent

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/18/2010
Total Solids	94

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/18/2010
Dilution	1.0
Lead	5.0
Arsenic	ND < 1.5

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/19/2010
Dilution	1.0
Lead	ND < 0.013
Arsenic	ND < 0.009

CET#: 10110479

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/l Matrix: SPLP Ext.

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/19/2010
Dilution	1.0
Pyridine	ND < 4.0
n-Nitroso-dimethylamine	ND < 20
bis(2-Chloroethyl)ether	ND < 10
Phenol	ND < 20
Aniline	ND < 20
2-Chlorophenol	ND < 20
1,3-Dichlorobenzene	ND < 5.0
1,4-Dichlorobenzene	ND < 5.0
Benzyl Alcohol	ND < 20
1,2-Dichlorobenzene	ND < 5.0
bis(2-chloroisopropyl)ether	ND < 10
Hexachloroethane	ND < 3.0
N-Nitroso-di-n-propylamine	ND < 10
2-Methyl Phenol	ND < 20
3+4 Methyl Phenol	ND < 20
Nitrobenzene	ND < 20
Isophorone	ND < 20
2-Nitrophenol	ND < 20
2,4-Dimethylphenol	ND < 20
bis(2-Chloroethoxy)methane	ND < 20
Benzoic Acid	ND < 20
2,4-Dichlorophenol	ND < 20
1,2,4-Trichlorobenzene	ND < 5.0
Naphthalene	ND < 1.0
2,6-Dichlorophenol	ND < 20
4-Chloroaniline	ND < 20
Hexachlorobutadiene	ND < 20
4-Chloro-3-methylphenol	ND < 20
2-Methyl Naphthalene	ND < 1.0
Hexachlorocyclopentadiene	ND < 20
2,4,6-Trichlorophenol	ND < 20
2,4,5-Trichlorophenol	ND < 20
2-Chloronaphthalene	ND < 20
2-Nitroaniline	ND < 20
Acenaphthylene	ND < 0.30
Dimethylphthalate	ND < 20
2,6-Dinitrotoluene	ND < 75
4-Nitroaniline	ND < 20
Acenaphthene	ND < 1.0
2,4-Dinitrophenol	ND < 20
2,4-Dinitrotoluene	ND < 75
4-Nitrophenol	ND < 75
Dibenzofuran	ND < 1.0
2,3,4,6-Tetrachlorophenol	ND < 20
Fluorene	ND < 1.0
4-Chlorophenyl-phenylether	ND < 20
Diethylphthalate	ND < 20
3-Nitroaniline	ND < 20
4,6-Dinitro-2-methylphenol	ND < 20
n-Nitrosodiphenylamine	ND < 20

CET#: 10110479

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/l Matrix: SPLP Ext.

Client ID	GA8
Azobenzene	ND < 20
4-Bromophenyl-phenylether	ND < 20
Hexachlorobenzene	ND < 0.077
Pentachlorophenol	ND < 1.0
Phenanthrene	0.45
Anthracene	ND < 1.0
Carbazole	ND < 1.0
Di-n-butylphthalate	ND < 20
Fluoranthene	ND < 1.0
Pyrene	ND < 1.0
Butylbenzylphthalate	ND < 20
3,3-Dichlorobenzidine	ND < 75
Benzo[a]anthracene	ND < 0.06
Chrysene	ND < 1.0
bis(2-Ethylhexyl)phthalate	ND < 2.0
Di-n-octylphthalate	ND < 20
Benzo[b]fluoranthene	ND < 0.08
Benzo[k]fluoranthene	ND < 0.30
Benzo[a]pyrene	ND < 0.20
Indeno[1,2,3-cd]pyrene	ND < 0.20
Dibenz[a,h]anthracene	ND < 0.20
Benzo[g,h,i]perylene	ND < 1.0
2-Fluorophenol (Surr) 15-110	39
Phenol-d5 (Surr) 15-110	24
Nitrobenzene-d5(Surr) 30-130	64
2-Fluorobiphenyl (Surr) 30-130	70
2,4,6-Tribromophenol (Surr) 15-110	79
Terphenyl-d14 (Surr) 30-130	69

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/19/2010
Dilution	1.0
Pyridine	ND < 320
n-Nitroso-dimethylamine	ND < 320
bis(2-Chloroethyl)ether	ND < 320
Phenol	ND < 320
Aniline	ND < 320
2-Chlorophenol	ND < 320
1,3-Dichlorobenzene	ND < 320
1,4-Dichlorobenzene	ND < 320
Benzyl Alcohol	ND < 320
1,2-Dichlorobenzene	ND < 320
bis(2-chloroisopropyl)ether	ND < 320
Hexachloroethane	ND < 320
N-Nitroso-di-n-propylamine	ND < 320
2-Methyl Phenol	ND < 320
3+4 Methyl Phenol	ND < 320
Nitrobenzene	ND < 320

CET#: 10110479

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA8
Isophorone	ND < 320
2-Nitrophenol	ND < 320
2,4-Dimethylphenol	ND < 320
bis(2-Chloroethoxy)methane	ND < 320
Benzoic Acid	ND < 320
2,4-Dichlorophenol	ND < 320
1,2,4-Trichlorobenzene	ND < 320
Naphthalene	ND < 320
2,6-Dichlorophenol	ND < 320
4-Chloroaniline	ND < 320
Hexachlorobutadiene	ND < 320
4-Chloro-3-methylphenol	ND < 320
2-Methyl Naphthalene	ND < 320
Hexachlorocyclopentadiene	ND < 320
2,4,6-Trichlorophenol	ND < 320
2,4,5-Trichlorophenol	ND < 320
2-Chloronaphthalene	ND < 320
2-Nitroaniline	ND < 320
Acenaphthylene	ND < 320
Dimethylphthalate	ND < 320
2,6-Dinitrotoluene	ND < 320
4-Nitroaniline	ND < 320
Acenaphthene	ND < 320
2,4-Dinitrophenol	ND < 320
2,4-Dinitrotoluene	ND < 320
4-Nitrophenol	ND < 320
Dibenzofuran	ND < 320
2,3,4,6-Tetrachlorophenol	ND < 320
Fluorene	ND < 320
4-Chlorophenyl-phenylether	ND < 320
Diethylphthalate	ND < 320
3-Nitroaniline	ND < 320
4,6-Dinitro-2-methylphenol	ND < 320
n-Nitrosodiphenylamine	ND < 320
Azobenzene	ND < 320
4-Bromophenyl-phenylether	ND < 320
Hexachlorobenzene	ND < 320
Pentachlorophenol	ND < 320
Phenanthrene	ND < 320
Anthracene	ND < 320
Carbazole	ND < 320
Di-n-butylphthalate	ND < 320
Fluoranthene	ND < 320
Pyrene	ND < 320
Butylbenzylphthalate	ND < 320
3,3-Dichlorobenzidine	ND < 320
Benzo[a]anthracene	ND < 320
Chrysene	ND < 320
bis(2-Ethylhexyl)phthalate	ND < 320
Di-n-octylphthalate	ND < 320
Benzo[b]fluoranthene	ND < 320
Benzo[k]fluoranthene	ND < 320
Benzo[a]pyrene	ND < 320

CET#: 10110479

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA8
Indeno[1,2,3-cd]pyrene	ND < 320
Dibenz[a,h]anthracene	ND < 320
Benzo[g,h,i]perylene	ND < 320
2-Fluorophenol (Surr) 30-130	60.2
Phenol-d5 (Surr) 30-130	60.5
Nitrobenzene-d5(Surr) 30-130	63.5
2-Fluorobiphenyl (Surr) 30-130	70.2
2,4,6-Tribromophenol (Surr) 30-130	64.6
Terphenyl-d14 (Surr) 30-130	73.7

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/18/2010
Dilution	1.0
ETPH	ND < 54
Octacosane (surr) 50-150	91.2

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA8
CET ID	AE56719
Date Analyzed	11/18/2010
Dilution	1.0
Dichlorodifluoromethane	ND < 8.0
Chloromethane	ND < 6.0
Vinyl Chloride	ND < 3.0
Bromomethane	ND < 6.0
Chloroethane	ND < 6.0
Acetone	ND < 77
Acrylonitrile	ND < 5.0
Trichlorofluoromethane	ND < 8.0
Trichlorotrifluoroethane	ND < 16
1,1-Dichloroethene	ND < 3.0
Methylene Chloride	ND < 26
Carbon Disulfide	ND < 6.0
Methyl-t-Butyl Ether (MTBE)	ND < 3.0
trans-1,2-Dichloroethene	ND < 3.0
1,1-Dichloroethane	ND < 3.0
2-Butanone (MEK)	ND < 13
2,2-Dichloropropane	ND < 3.0
cis-1,2-Dichloroethene	ND < 3.0
Chloroform	ND < 3.0
Tetrahydrofuran	ND < 13
1,1,1-Trichloroethane	ND < 3.0
Carbon Tetrachloride	ND < 3.0
1,1-Dichloropropene	ND < 3.0
Benzene	ND < 3.0
1,2-Dichloroethane	ND < 3.0

CET#: 10110479

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA8
Methyl Isobutyl Ketone	ND < 13
Trichloroethene	ND < 3.0
1,2-Dichloropropane	ND < 3.0
Dibromomethane	ND < 3.0
Bromodichloromethane	ND < 3.0
2-Hexanone	ND < 13
cis-1,3-Dichloropropene	ND < 3.0
Toluene	ND < 3.0
trans-1,3-Dichloropropene	ND < 3.0
1,1,2-Trichloroethane	ND < 3.0
Tetrachloroethene	ND < 3.0
1,3-Dichloropropane	ND < 3.0
Dibromochloromethane	ND < 3.0
1,2-Dibromoethane	ND < 3.0
trans-1,4-Dichloro-2-Butene	ND < 13
Chlorobenzene	ND < 3.0
1,1,1,2-Tetrachloroethane	ND < 3.0
Ethylbenzene	ND < 3.0
m+p Xylenes	ND < 3.0
o-Xylene	ND < 3.0
Styrene	ND < 3.0
Bromoform	ND < 3.0
Isopropylbenzene	ND < 3.0
1,1,2,2-Tetrachloroethane	ND < 3.0
Bromobenzene	ND < 3.0
1,2,3-Trichloropropane	ND < 3.0
n-Propylbenzene	ND < 3.0
2-Chlorotoluene	ND < 3.0
4-Chlorotoluene	ND < 3.0
1,3,5-Trimethylbenzene	ND < 3.0
tert-Butylbenzene	ND < 3.0
1,2,4-Trimethylbenzene	ND < 3.0
sec-Butylbenzene	ND < 3.0
1,3-Dichlorobenzene	ND < 3.0
4-Isopropyltoluene	ND < 3.0
1,4-Dichlorobenzene	ND < 3.0
1,2-Dichlorobenzene	ND < 3.0
n-Butylbenzene	ND < 3.0
1,2-Dibromo-3-Chloropropane	ND < 3.0
1,2,4-Trichlorobenzene	ND < 3.0
Hexachlorobutadiene	ND < 3.0
Naphthalene	ND < 3.0
1,2,3-Trichlorobenzene	ND < 3.0
1,2 Dichloroethane-d4 (SURR) 70-130	109
toluene-d8 (SURR) 70-130	99.8
4-bromofluorobenzene (SURR) 70-130	95.9

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

499

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer

Client:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	TOTAL ARSENIC	SPLP LEAD	SPLP ARSENIC	SPLP 8270	pH	Total Solids			TOTAL # OF CONT.	NOTE #
GA 9	11-16-10 / 15:00	SOIL			2		X						X	X											X	X	X	X	X	X	X				

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: TOTAL LEAD, TOTAL ARSENIC, SPLP LEAD, SPLP ARSENIC, SPLP 8270, pH, Total Solids

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	11-15-10 / 1040	[illegible] 11/17/10
[illegible]	11/17/10 1515	[illegible]

NOTES: 48 HOUR TURNAROUND
Copy Results to Al Kovalik, AKovalik@GeoDesign.net

Client / Reporting Information

Company Name: GeoDesign
Address: 984 Southford Rd
City: Middlebury State: CT Zip: 06762
Report To: Chris Eggers E-mail: CEGGERS@GeoDesign.net
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: PO #:
Project: Project #:
Location: Collector(s):

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg *
Data Report: ☐ Email ☐ PDF ☐ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use: Evidence of Cooling: (Y) or N
Temp Upon Receipt: 6.0 °C

SHEET ____ OF ____

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: ***Project Number:***

Laboratory Sample ID(s): AE56719 ***Sampling Date(s):*** 11/16/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10110479

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 11/24/2010

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project:
CET#: 10110479

Blank/LCS Report

QA Type: Volatile Organics Date Analyzed: 11/17/2010 Batch ID: 70139

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	49 L	70-130
Chloromethane	ND<2.7	84	70-130
Vinyl Chloride	ND<1.6	83	70-130
Bromomethane	ND<5.0	129	70-130
Chloroethane	ND<5.0	157 H	70-130
Acetone	ND<50	110	70-130
Acrylonitrile	ND<20	100	70-130
Trichlorofluoromethane	ND<25	141 H	70-130
Trichlorotrifluoroethane	ND<25	113	70-130
1,1-Dichloroethene	ND<1.0	108	70-130
Methylene Chloride	ND<5.0	108	70-130
Carbon Disulfide	ND<5.0	97	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	104	70-130
trans-1,2-Dichloroethene	ND<1.0	97	70-130
1,1-Dichloroethane	ND<1.0	123	70-130
2-Butanone (MEK)	ND<25	92	70-130
2,2-Dichloropropane	ND<1.0	106	70-130
cis-1,2-Dichloroethene	ND<1.0	120	70-130
Chloroform	ND<1.0	99	70-130
Tetrahydrofuran	ND<5.0	96	70-130
1,1,1-Trichloroethane	ND<1.0	135 H	70-130
Carbon Tetrachloride	ND<1.0	135 H	70-130
1,1-Dichloropropene	ND<1.0	118	70-130
Benzene	ND<1.0	118	70-130
1,2-Dichloroethane	ND<1.0	115	70-130
Methyl Isobutyl Ketone	ND<25	111	70-130
Trichloroethene	ND<1.0	110	70-130
1,2-Dichloropropane	ND<1.0	120	70-130
Dibromomethane	ND<1.0	110	70-130
Bromodichloromethane	ND<0.5	118	70-130
2-Hexanone	ND<25	104	70-130
cis-1,3-Dichloropropene	ND<0.5	111	70-130

QA Type: Volatile Organics Date Analyzed: 11/17/2010 Batch ID: 70139

Analyte	Blank	LCS%Rec	LCS CL
Toluene	ND<1.0	123	70-130
trans-1,3-Dichloropropene	ND<0.5	111	70-130
1,1,2-Trichloroethane	ND<1.0	113	70-130
Tetrachloroethene	ND<1.0	122	70-130
1,3-Dichloropropane	ND<1.0	112	70-130
Dibromochloromethane	ND<0.5	95	70-130
1,2-Dibromoethane	ND<0.5	92	70-130
Chlorobenzene	ND<1.0	103	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	105	70-130
Ethylbenzene	ND<1.0	108	70-130
m+p Xylenes	ND<1.0	108	70-130
o-Xylene	ND<1.0	106	70-130
Styrene	ND<1.0	105	70-130
Bromoform	ND<1.0	94	70-130
Isopropylbenzene	ND<1.0	110	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	105	70-130
Bromobenzene	ND<1.0	117	70-130
1,2,3-Trichloropropane	ND<1.0	105	70-130
n-Propylbenzene	ND<1.0	122	70-130
2-Chlorotoluene	ND<1.0	107	70-130
4-Chlorotoluene	ND<1.0	138 H	70-130
1,3,5-Trimethylbenzene	ND<1.0	124	70-130
tert-Butylbenzene	ND<1.0	125	70-130
1,2,4-Trimethylbenzene	ND<1.0	124	70-130
sec-Butylbenzene	ND<1.0	123	70-130
1,3-Dichlorobenzene	ND<1.0	119	70-130
4-Isopropyltoluene	ND<1.0	122	70-130
1,4-Dichlorobenzene	ND<1.0	118	70-130
1,2-Dichlorobenzene	ND<1.0	117	70-130
n-Butylbenzene	ND<1.0	120	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	96	70-130
1,2,4-Trichlorobenzene	ND<1.0	110	70-130
Hexachlorobutadiene	ND<0.45	106	70-130
Naphthalene	ND<1.0	104	70-130
1,2,3-Trichlorobenzene	ND<1.0	108	70-130

All associated samples: AE56719

QA Type: Conn. Extractable TPH Date Analyzed: 11/18/2010 Batch ID: 70140

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	82	60-120

All associated samples: AE56719

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/18/2010 Batch ID: 70156

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	47	30-130
n-Nitroso-dimethylamine	ND<300	63	40-140
bis(2-Chloroethyl)ether	ND<300	74	40-140
Phenol	ND<300	70	30-130
Aniline	ND<300	62	30-130
2-Chlorophenol	ND<300	78	30-130
1,3-Dichlorobenzene	ND<300	71	40-140
1,4-Dichlorobenzene	ND<300	71	40-140

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/18/2010 Batch ID: 70156

Analyte	Blank	LCS%Rec	LCS CL
Benzyl Alcohol	ND<300	52	30-130
1,2-Dichlorobenzene	ND<300	72	40-140
bis(2-chloroisopropyl)ether	ND<300	76	40-140
Hexachloroethane	ND<300	54	40-140
N-Nitroso-di-n-propylamine	ND<300	74	40-140
2-Methyl Phenol	ND<300	77	30-130
3+4 Methyl Phenol	ND<300	76	30-130
Nitrobenzene	ND<300	74	40-140
Isophorone	ND<300	74	40-140
2-Nitrophenol	ND<300	69	30-130
2,4-Dimethylphenol	ND<300	71	30-130
bis(2-Chloroethoxy)methane	ND<300	75	40-140
2,4-Dichlorophenol	ND<300	80	30-130
1,2,4-Trichlorobenzene	ND<300	80	40-140
Naphthalene	ND<300	77	40-140
4-Chloroaniline	ND<300	70	30-130
Hexachlorobutadiene	ND<300	78	40-140
4-Chloro-3-methylphenol	ND<300	80	30-130
2-Methyl Naphthalene	ND<300	82	40-140
Hexachlorocyclopentadiene	ND<300	42	40-140
2,4,6-Trichlorophenol	ND<300	74	30-130
2,4,5-Trichlorophenol	ND<300	83	30-130
2-Chloronaphthalene	ND<300	74	30-130
2-Nitroaniline	ND<300	75	30-130
Acenaphthylene	ND<300	75	40-140
Dimethylphthalate	ND<300	83	40-140
2,6-Dinitrotoluene	ND<300	74	40-140
4-Nitroaniline	ND<300	83	30-130
Acenaphthene	ND<300	79	40-140
2,4-Dinitrophenol	ND<300	14 L	30-130
2,4-Dinitrotoluene	ND<300	76	40-140
4-Nitrophenol	ND<300	75	30-130
Dibenzofuran	ND<300	80	40-140
Fluorene	ND<300	82	40-140
4-Chlorophenyl-phenylether	ND<300	83	40-140
Diethylphthalate	ND<300	82	40-140
3-Nitroaniline	ND<300	73	30-130
4,6-Dinitro-2-methylphenol	ND<300	25 L	30-130
n-Nitrosodiphenylamine	ND<300	89	40-140
4-Bromophenyl-phenylether	ND<300	80	40-140
Hexachlorobenzene	ND<300	78	40-140
Pentachlorophenol	ND<300	71	30-130
Phenanthrene	ND<300	82	40-140
Anthracene	ND<300	82	40-140
Di-n-butylphthalate	ND<300	85	40-140
Fluoranthene	ND<300	86	40-140
Pyrene	ND<300	88	40-140
Butylbenzylphthalate	ND<300	83	40-140
Benzo[a]anthracene	ND<300	85	40-140
Chrysene	ND<300	86	40-140
bis(2-Ethylhexyl)phthalate	ND<300	86	40-140
Di-n-octylphthalate	ND<300	88	40-140

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/18/2010 Batch ID: 70156

Analyte	Blank	LCS%Rec	LCS CL
Benzo[b]fluoranthene	ND<300	92	40-140
Benzo[k]fluoranthene	ND<300	98	40-140
Benzo[a]pyrene	ND<300	89	40-140
Indeno[1,2,3-cd]pyrene	ND<300	72	40-140
Dibenz[a,h]anthracene	ND<300	73	40-140
Benzo[g,h,i]perylene	ND<300	67	40-140

All associated samples: AE56719

QA Type: Total Metals Date Analyzed: 11/18/2010 Batch ID: 70169

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	104	80-120
Arsenic	ND<1.0	107	80-120

All associated samples: AE56719

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/19/2010 Batch ID: 70181

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<4.0	38	30-130
n-Nitroso-dimethylamine	ND<20	38 L	40-140
bis(2-Chloroethyl)ether	ND<10	68	40-140
Phenol	ND<20	30	30-130
Aniline	ND<20	62	30-130
2-Chlorophenol	ND<20	60	30-130
1,3-Dichlorobenzene	ND<5.0	62	40-140
1,4-Dichlorobenzene	ND<5.0	58	40-140
Benzyl Alcohol	ND<20	62	30-130
1,2-Dichlorobenzene	ND<5.0	60	40-140
bis(2-chloroisopropyl)ether	ND<10	58	40-140
Hexachloroethane	ND<3.0	58	40-140
N-Nitroso-di-n-propylamine	ND<10	72	40-140
2-Methyl Phenol	ND<20	55	30-130
3+4 Methyl Phenol	ND<20	52	30-130
Nitrobenzene	ND<20	68	40-140
Isophorone	ND<20	75	40-140
2-Nitrophenol	ND<20	68	30-130
2,4-Dimethylphenol	ND<20	68	30-130
bis(2-Chloroethoxy)methane	ND<20	75	40-140
2,4-Dichlorophenol	ND<20	75	30-130
1,2,4-Trichlorobenzene	ND<5.0	70	40-140
Naphthalene	ND<1.0	65	40-140
4-Chloroaniline	ND<20	78	30-130
Hexachlorobutadiene	ND<20	68	40-140
4-Chloro-3-methylphenol	ND<20	80	30-130
2-Methyl Naphthalene	ND<1.0	70	40-140
Hexachlorocyclopentadiene	ND<20	75	40-140
2,4,6-Trichlorophenol	ND<20	85	30-130
2,4,5-Trichlorophenol	ND<20	88	30-130
2-Chloronaphthalene	ND<20	75	40-140
2-Nitroaniline	ND<20	92	30-130
Acenaphthylene	ND<0.30	72	40-140
Dimethylphthalate	ND<20	88	40-140
2,6-Dinitrotoluene	ND<75	95	40-140
4-Nitroaniline	ND<20	75	30-130
Acenaphthene	ND<1.0	78	40-140

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/19/2010 Batch ID: 70181

Analyte	Blank	LCS%Rec	LCS CL
2,4-Dinitrophenol	ND<20	32	30-130
2,4-Dinitrotoluene	ND<75	92	40-140
4-Nitrophenol	ND<75	32	30-130
Dibenzofuran	ND<1.0	78	40-140
Fluorene	ND<1.0	85	40-140
4-Chlorophenyl-phenylether	ND<20	88	40-140
Diethylphthalate	ND<20	88	40-140
3-Nitroaniline	ND<20	140 H	30-130
4,6-Dinitro-2-methylphenol	ND<20	58	30-130
n-Nitrosodiphenylamine	ND<20	100	40-140
4-Bromophenyl-phenylether	ND<20	88	40-140
Hexachlorobenzene	ND<0.077	85	40-140
Pentachlorophenol	ND<1.0	50	30-130
Phenanthrene	ND<0.077	85	40-140
Anthracene	ND<1.0	85	40-140
Di-n-butylphthalate	ND<20	92	40-140
Fluoranthene	ND<1.0	90	40-140
Pyrene	ND<1.0	90	40-140
Butylbenzylphthalate	ND<20	98	40-140
Benzo[a]anthracene	ND<0.06	98	40-140
Chrysene	ND<1.0	98	40-140
bis(2-Ethylhexyl)phthalate	ND<2.0	85	40-140
Di-n-octylphthalate	ND<20	100	30-130
Benzo[b]fluoranthene	ND<0.08	110	40-140
Benzo[k]fluoranthene	ND<0.30	102	40-140
Benzo[a]pyrene	ND<0.20	110	40-140
Indeno[1,2,3-cd]pyrene	ND<0.20	128	40-140
Dibenz[a,h]anthracene	ND<0.20	135	40-140
Benzo[g,h,i]perylene	ND<1.0	115	40-140

All associated samples: AE56719

QA Type: SPLP Metals Date Analyzed: 11/19/2010 Batch ID: 70195

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	96	80-120
Arsenic	ND<0.009	100	80-120

All associated samples: AE56719

Matrix Spike Report

QA Type: SPLP Metals Date Analyzed: 11/19/2010 Sample ID: AE56719 Client ID: GA8

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.20	95	96	75-125	1.57	20
Arsenic	ND<0.009	0.20	97	99	75-125	2.04	20

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration VOC			
Dichlorodifluoromethane	70139	32 H	20
Chloromethane	70139	24 H	20
Vinyl Chloride	70139	29 H	20
Bromomethane	70139	29 H	20
Chloroethane	70139	29 H	20
Methylene Chloride	70139	21 H	20
All associated samples: AE56719			
Initial Calibration SVOC			
Benzyl Alcohol	70156	21 H	20
2,4-Dinitrophenol	70156	27 H	20
All associated samples: AE56719			

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Volatile Organics Cont Cal				
Bromomethane	70139	80 H	35-65	11/17/2010
Chloroethane	70139	92 H	35-65	11/17/2010
Acetone	70139	230 H	70-130	11/17/2010
Trichlorofluoromethane	70139	76 H	35-65	11/17/2010
All associated samples: AE56719				
Semi-Vol Cont Cal				
2,4-Dinitrophenol	70156	66 H	35-65	11/18/2010
All associated samples: AE56719				

QC Batch Report

Volatile Organics Batch 70139

CET ID	Client Sample ID	Matrix	Collection Date
AE56719	GA8	Soil	11/16/2010

Conn. Extractable TPH Batch 70140

CET ID	Client Sample ID	Matrix	Collection Date
AE56719	GA8	Soil	11/16/2010

EPA 8270C Semi-Volatile Organics Batch 70156

CET ID	Client Sample ID	Matrix	Collection Date
AE56719	GA8	Soil	11/16/2010

Total Metals Batch 70169

CET ID	Client Sample ID	Matrix	Collection Date
AE56719	GA8	Soil	11/16/2010

EPA 8270C Semi-Volatile Organics Batch 70181

CET ID	Client Sample ID	Matrix	Collection Date
AE56719	GA8	Soil	11/16/2010

SPLP Metals Batch 70195

CET ID	Client Sample ID	Matrix	Collection Date
AE56719	GA8	Soil	11/16/2010

Narrative

4. Dichlorodifluoromethane LCS recovery low (49%) for batch 70139.
   Chloroethane LCS recovery high (157%) for batch 70139.
   Trichlorofluoromethane LCS recovery high (141%) for batch 70139.
   1,1,1-Trichloroethane LCS recovery high (135%) for batch 70139.
   Carbon Tetrachloride LCS recovery high (135%) for batch 70139.
   4-Chlorotoluene LCS recovery high (138%) for batch 70139.
   2,4-Dinitrophenol LCS recovery low (14%) for batch 70156.
   4,6-Dinitro-2-methylphenol LCS recovery low (25%) for batch 70156.
   n-Nitroso-dimethylamine LCS recovery low (38%) for batch 70181.
   3-Nitroaniline LCS recovery high (140%) for batch 70181.
   Dichlorodifluoromethane Initial Cal % RSD high(32%) for batch 70139.
   Chloromethane Initial Cal % RSD high(24%) for batch 70139.
   Vinyl Chloride Initial Cal % RSD high(29%) for batch 70139.
   Bromomethane Initial Cal % RSD high(29%) for batch 70139.
   Chloroethane Initial Cal % RSD high(29%) for batch 70139.
   Methylene Chloride Initial Cal % RSD high(21%) for batch 70139.
   Benzyl Alcohol Initial Cal % RSD high(21%) for batch 70156.
   2,4-Dinitrophenol Initial Cal % RSD high(27%) for batch 70156.
   Bromomethane CC high for batch 70139.
   Chloroethane CC high for batch 70139.
   Acetone CC high for batch 70139.
   Trichlorofluoromethane CC high for batch 70139.
   2,4-Dinitrophenol CC high for batch 70156.

6. The client requested a subset of the RCP metals list.

Cet#: 10110479

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2–3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	TOTAL ARSENIC	SPLP LEAD	SPLP ARSENIC	SPLP 8270	pH	Total Solids			TOTAL # OF CONT.	NOTE #
CA 8	11-16-10 / 15:00	Soil			2		X						X	X											X	X	X	X	X	X	X				

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris	11-16-10 / 1040	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: 48 HOUR TURNAROUND
Copy Results to Al Kovalik, AKovalik@GeoDesign.net

Client / Reporting Information

Company Name: GeoDesign
Address: 984 Southford Rd
City: Middlebury State: CT Zip: 06762
Report To: Chris Eggers E-mail: CEGGERS@GeoDesign.net
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: _____ PO # _____
Project: _____ Project #: _____
Location: _____ Collector(s): _____
QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg *
Data Report ☐ Email ☐ PDF ☐ Excel ☐ Other
RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: (Y) or N
Temp Upon Receipt 6.1 °C

SHEET _____ OF _____

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Eggers
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

CET # 10110456

Report Date: November 19, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE56614	Conf 14B 9ft	Soil	11/15/2010	7:45	11/16/2010
AE56615	TRS 1B	Soil	11/15/2010	7:48	11/16/2010
AE56616	Conf 21 8ft	Soil	11/16/2010	7:50	11/16/2010
AE56617	Conf 22 8ft	Soil	11/16/2010	7:55	11/16/2010

Sample temperature upon receipt was 7.8 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	Conf 14B 9ft	TRS 1B	Conf 21 8ft	Conf 22 8ft
CET ID	AE56614	AE56615	AE56616	AE56617
Date Analyzed	11/17/2010	11/17/2010	11/17/2010	11/17/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	Conf 21 8ft	Conf 22 8ft
CET ID	AE56616	AE56617
Date Analyzed	11/17/2010	11/17/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	Conf 21 8ft	Conf 22 8ft
CET ID	AE56616	AE56617
Date Analyzed	11/17/2010	11/17/2010

SPLP, Metals [EPA 1312]

Client ID	Conf 14B 9ft	TRS 1B	Conf 21 8ft	Conf 22 8ft
CET ID	AE56614	AE56615	AE56616	AE56617
Date Analyzed	11/17/2010	11/17/2010	11/17/2010	11/17/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Conf 14B 9ft	TRS 1B	Conf 21 8ft	Conf 22 8ft
CET ID	AE56614	AE56615	AE56616	AE56617
Date Analyzed	11/18/2010	11/18/2010	11/18/2010	11/18/2010
Total Solids	83	94	93	95

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	Conf 14B 9ft	TRS 1B	Conf 21 8ft	Conf 22 8ft
CET ID	AE56614	AE56615	AE56616	AE56617
Date Analyzed	11/17/2010	11/17/2010	11/17/2010	11/17/2010
Dilution	1.0	1.0	1.0	1.0
Lead	2500	250	120	3.6

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	Conf 14B 9ft	TRS 1B	Conf 21 8ft	Conf 22 8ft
CET ID	AE56614	AE56615	AE56616	AE56617
Date Analyzed	11/19/2010	11/18/2010	11/18/2010	11/18/2010
Dilution	1.0	1.0	1.0	1.0
Lead	0.46	0.027	ND < 0.013	ND < 0.013

SPLP Metals by ICP/MS Dup [EPA 6020A] Units: mg/l

Client ID	Conf 22 8ft
CET ID	AE56617
Date Analyzed	11/19/2010
Dilution	1.0
Lead	ND < 0.013

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 21 8ft	Conf 22 8ft
CET ID	AE56616	AE56617
Date Analyzed	11/18/2010	11/18/2010
Dilution	1.0	1.0
Pyridine	ND < 323	ND < 316
n-Nitroso-dimethylamine	ND < 323	ND < 316
bis(2-Chloroethyl)ether	ND < 323	ND < 316
Phenol	ND < 323	ND < 316
Aniline	ND < 323	ND < 316
2-Chlorophenol	ND < 323	ND < 316
1,3-Dichlorobenzene	ND < 323	ND < 316
1,4-Dichlorobenzene	ND < 323	ND < 316
Benzyl Alcohol	ND < 323	ND < 316
1,2-Dichlorobenzene	ND < 323	ND < 316
bis(2-chloroisopropyl)ether	ND < 323	ND < 316
Hexachloroethane	ND < 323	ND < 316
N-Nitroso-di-n-propylamine	ND < 323	ND < 316
2-Methyl Phenol	ND < 323	ND < 316
3+4 Methyl Phenol	ND < 323	ND < 316
Nitrobenzene	ND < 323	ND < 316
Isophorone	ND < 323	ND < 316
2-Nitrophenol	ND < 323	ND < 316
2,4-Dimethylphenol	ND < 323	ND < 316

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 21 8ft	Conf 22 8ft
bis(2-Chloroethoxy)methane	ND < 323	ND < 316
Benzoic Acid	ND < 323	ND < 316
2,4-Dichlorophenol	ND < 323	ND < 316
1,2,4-Trichlorobenzene	ND < 323	ND < 316
Naphthalene	ND < 323	ND < 316
2,6-Dichlorophenol	ND < 323	ND < 316
4-Chloroaniline	ND < 323	ND < 316
Hexachlorobutadiene	ND < 323	ND < 316
4-Chloro-3-methylphenol	ND < 323	ND < 316
2-Methyl Naphthalene	ND < 323	ND < 316
Hexachlorocyclopentadiene	ND < 323	ND < 316
2,4,6-Trichlorophenol	ND < 323	ND < 316
2,4,5-Trichlorophenol	ND < 323	ND < 316
2-Chloronaphthalene	ND < 323	ND < 316
2-Nitroaniline	ND < 323	ND < 316
Acenaphthylene	ND < 323	ND < 316
Dimethylphthalate	ND < 323	ND < 316
2,6-Dinitrotoluene	ND < 323	ND < 316
4-Nitroaniline	ND < 323	ND < 316
Acenaphthene	ND < 323	ND < 316
2,4-Dinitrophenol	ND < 323	ND < 316
2,4-Dinitrotoluene	ND < 323	ND < 316
4-Nitrophenol	ND < 323	ND < 316
Dibenzofuran	ND < 323	ND < 316
2,3,4,6-Tetrachlorophenol	ND < 323	ND < 316
Fluorene	ND < 323	ND < 316
4-Chlorophenyl-phenylether	ND < 323	ND < 316
Diethylphthalate	ND < 323	ND < 316
3-Nitroaniline	ND < 323	ND < 316
4,6-Dinitro-2-methylphenol	ND < 323	ND < 316
n-Nitrosodiphenylamine	ND < 323	ND < 316
Azobenzene	ND < 323	ND < 316
4-Bromophenyl-phenylether	ND < 323	ND < 316
Hexachlorobenzene	ND < 323	ND < 316
Pentachlorophenol	ND < 323	ND < 316
Phenanthrene	ND < 323	ND < 316
Anthracene	ND < 323	ND < 316
Carbazole	ND < 323	ND < 316
Di-n-butylphthalate	ND < 323	ND < 316
Fluoranthene	ND < 323	ND < 316
Pyrene	ND < 323	ND < 316
Butylbenzylphthalate	ND < 323	ND < 316
3,3-Dichlorobenzidine	ND < 323	ND < 316
Benzo[a]anthracene	ND < 323	ND < 316
Chrysene	ND < 323	ND < 316
bis(2-Ethylhexyl)phthalate	ND < 323	ND < 316
Di-n-octylphthalate	ND < 323	ND < 316
Benzo[b]fluoranthene	ND < 323	ND < 316
Benzo[k]fluoranthene	ND < 323	ND < 316
Benzo[a]pyrene	ND < 323	ND < 316
Indeno[1,2,3-cd]pyrene	ND < 323	ND < 316

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 21 8ft	Conf 22 8ft
Dibenz[a,h]anthracene	ND < 323	ND < 316
Benzo[g,h,i]perylene	ND < 323	ND < 316
2-Fluorophenol (Surr) 30-130	70.5	71.4
Phenol-d5 (Surr) 30-130	71	69.1
Nitrobenzene-d5(Surr) 30-130	69	71
2-Fluorobiphenyl (Surr) 30-130	80.1	79
2,4,6-Tribromophenol (Surr) 30-130	73.2	73
Terphenyl-d14 (Surr) 30-130	74.7	72.3

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf 21 8ft	Conf 22 8ft
CET ID	AE56616	AE56617
Date Analyzed	11/18/2010	11/18/2010
Dilution	1.0	1.0
ETPH	ND < 54	ND < 53
Octacosane (surr) 50-150	81.3	83.2

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Project#: 3101-4.1
CET#: 10110456
Project: Parcel C South, Naugatuck

Complete Environmental Testing, Inc.

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer

Client:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Additional Analysis: TOTAL LEAD	SPLP LEAD								TOTAL # OF CONT.	NOTE #
CONF 14B @ 9' bg	11-15-2010 / 745	SOIL			X																				X	X								1	
TRS 1B	11-15-2010 / 748	SOIL			X																				X	X								1	
CONF 21 @ 8' bg	11-16-2010 / 750	SOIL			2								X	X											X	X								1	
CONF 22 @ 8' bg	11-16-2010 / 755	SOIL			2								X	X											X	X								1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

TOTAL # OF CONT.: 4

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	11-16-10 / 935	[signature]
[signature]	11-16-10 / 1605	[signature]

NOTES:
Copy results to Al Kovalik, AKovalik@GeoDesign.net
48 HOUR TURNAROUND ON ALL SAMPLES PLEASE.

Client / Reporting Information

Company Name: GeoDesign, Inc.
Address: 984 South Ford Rd
City: Middlebury State: CT Zip: 06762
Report To: Chris Eggers E-mail: CEGGERS@GeoDesign.net
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1
Project: PARCEL C- SOUTH Project #: 3101-4.1
Location: NAUGATUCK, CT Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 7.8 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/08

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE56614-AE56617 ***Sampling Date(s):*** 11/15/2010; 11/16/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10110456

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☐Yes ☒ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 11/24/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10110456

Blank/LCS Report

QA Type: Total Metals Date Analyzed: 11/17/2010 Batch ID: 70132

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	94	80-120

All associated samples: AE56614 AE56615 AE56616 AE56617

QA Type: Conn. Extractable TPH Date Analyzed: 11/18/2010 Batch ID: 70136

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	86	60-120

All associated samples: AE56616 AE56617

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/18/2010 Batch ID: 70156

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	47	30-130
n-Nitroso-dimethylamine	ND<300	63	40-140
bis(2-Chloroethyl)ether	ND<300	74	40-140
Phenol	ND<300	70	30-130
Aniline	ND<300	62	30-130
2-Chlorophenol	ND<300	78	30-130
1,3-Dichlorobenzene	ND<300	71	40-140
1,4-Dichlorobenzene	ND<300	71	40-140
Benzyl Alcohol	ND<300	52	30-130
1,2-Dichlorobenzene	ND<300	72	40-140
bis(2-chloroisopropyl)ether	ND<300	76	40-140
Hexachloroethane	ND<300	54	40-140
N-Nitroso-di-n-propylamine	ND<300	74	40-140
2-Methyl Phenol	ND<300	77	30-130
3+4 Methyl Phenol	ND<300	76	30-130
Nitrobenzene	ND<300	74	40-140
Isophorone	ND<300	74	40-140
2-Nitrophenol	ND<300	69	30-130
2,4-Dimethylphenol	ND<300	71	30-130
bis(2-Chloroethoxy)methane	ND<300	75	40-140
2,4-Dichlorophenol	ND<300	80	30-130

Project: Parcel C South, Naugatuck
Cet#: 10110456

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/18/2010 Batch ID: 70156

Analyte	Blank	LCS%Rec	LCS CL
1,2,4-Trichlorobenzene	ND<300	80	40-140
Naphthalene	ND<300	77	40-140
4-Chloroaniline	ND<300	70	30-130
Hexachlorobutadiene	ND<300	78	40-140
4-Chloro-3-methylphenol	ND<300	80	30-130
2-Methyl Naphthalene	ND<300	82	40-140
Hexachlorocyclopentadiene	ND<300	42	40-140
2,4,6-Trichlorophenol	ND<300	74	30-130
2,4,5-Trichlorophenol	ND<300	83	30-130
2-Chloronaphthalene	ND<300	74	30-130
2-Nitroaniline	ND<300	75	30-130
Acenaphthylene	ND<300	75	40-140
Dimethylphthalate	ND<300	83	40-140
2,6-Dinitrotoluene	ND<300	74	40-140
4-Nitroaniline	ND<300	83	30-130
Acenaphthene	ND<300	79	40-140
2,4-Dinitrophenol	ND<300	14 L	30-130
2,4-Dinitrotoluene	ND<300	76	40-140
4-Nitrophenol	ND<300	75	30-130
Dibenzofuran	ND<300	80	40-140
Fluorene	ND<300	82	40-140
4-Chlorophenyl-phenylether	ND<300	83	40-140
Diethylphthalate	ND<300	82	40-140
3-Nitroaniline	ND<300	73	30-130
4,6-Dinitro-2-methylphenol	ND<300	25 L	30-130
n-Nitrosodiphenylamine	ND<300	89	40-140
4-Bromophenyl-phenylether	ND<300	80	40-140
Hexachlorobenzene	ND<300	78	40-140
Pentachlorophenol	ND<300	71	30-130
Phenanthrene	ND<300	82	40-140
Anthracene	ND<300	82	40-140
Di-n-butylphthalate	ND<300	85	40-140
Fluoranthene	ND<300	86	40-140
Pyrene	ND<300	88	40-140
Butylbenzylphthalate	ND<300	83	40-140
Benzo[a]anthracene	ND<300	85	40-140
Chrysene	ND<300	86	40-140
bis(2-Ethylhexyl)phthalate	ND<300	86	40-140
Di-n-octylphthalate	ND<300	88	40-140
Benzo[b]fluoranthene	ND<300	92	40-140
Benzo[k]fluoranthene	ND<300	98	40-140
Benzo[a]pyrene	ND<300	89	40-140
Indeno[1,2,3-cd]pyrene	ND<300	72	40-140
Dibenz[a,h]anthracene	ND<300	73	40-140
Benzo[g,h,i]perylene	ND<300	67	40-140

All associated samples: AE56616 AE56617

QA Type: SPLP Metals Date Analyzed: 11/18/2010 Batch ID: 70174

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	98	80-120

All associated samples: AE56614 AE56615 AE56616 AE56617

Project: Parcel C South, Naugatuck
Cet#: 10110456

Matrix Spike Report

QA Type: SPLP Metals Date Analyzed: 11/19/2010 Sample ID: AE56617 Client ID: Conf 22 8ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.20	98	100	75-125	1.51	20

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration SVOC			
Benzyl Alcohol	70156	21 H	20
2,4-Dinitrophenol	70156	27 H	20

All associated samples: AE56616 AE56617

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
2,4-Dinitrophenol	70156	66 H	35-65	11/18/2010

All associated samples: AE56616 AE56617

QC Batch Report

Total Metals Batch 70132

CET ID	Client Sample ID	Matrix	Collection Date
AE56614	Conf 14B 9ft	Soil	11/15/2010
AE56615	TRS 1B	Soil	11/15/2010
AE56616	Conf 21 8ft	Soil	11/16/2010
AE56617	Conf 22 8ft	Soil	11/16/2010

Conn. Extractable TPH Batch 70136

CET ID	Client Sample ID	Matrix	Collection Date
AE56616	Conf 21 8ft	Soil	11/16/2010
AE56617	Conf 22 8ft	Soil	11/16/2010

EPA 8270C Semi-Volatile Organics Batch 70156

CET ID	Client Sample ID	Matrix	Collection Date
AE56616	Conf 21 8ft	Soil	11/16/2010
AE56617	Conf 22 8ft	Soil	11/16/2010

SPLP Metals Batch 70174

CET ID	Client Sample ID	Matrix	Collection Date
AE56614	Conf 14B 9ft	Soil	11/15/2010
AE56615	TRS 1B	Soil	11/15/2010
AE56616	Conf 21 8ft	Soil	11/16/2010
AE56617	Conf 22 8ft	Soil	11/16/2010

Narrative

3. The samples were not received at appropriate temperature the temperature was 7.8 degrees and there was evidence of cooling.

4. 2,4-Dinitrophenol LCS recovery low (14%) for batch 70156.
   4,6-Dinitro-2-methylphenol LCS recovery low (25%) for batch 70156.
   Benzyl Alcohol Initial Cal % RSD high(21%) for batch 70156.
   2,4-Dinitrophenol Initial Cal % RSD high(27%) for batch 70156.
   2,4-Dinitrophenol CC high for batch 70156.

6. The client requested a subset of the RCP metals list.

Project: Parcel C South, Naugatuck
Cet#: 10110456

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: TOTAL LEAD, SPLP LEAD

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	SPLP LEAD	TOTAL # OF CONT.	NOTE #
CONF 14B @ 9' bgs	11-15-2010 / 745	SOIL			X																				X	X	1	
TRS 1B	11-15-2010 / 748	SOIL			X																				X	X	1	
CONF 21 @ 8' bgs	11-16-2010 / 750	SOIL			2								X	X											X	X	1	
CONF 22 @ 8' bgs	11-16-2010 / 755	SOIL			2								X	X											X	X	1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

TOTAL # OF CONT.: 4

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	11-16-10 / 935	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:
copy results to Al Kovalik, AKovalik@GeoDesign.net
48 HOUR TURNAROUND ON ALL SAMPLES PLEASE.

Client / Reporting Information

Company Name: GeoDesign, Inc.
Address: 984 South Ford Rd
City: Middlebury State: CT Zip: 06762
Report To: Chris Eggers E-mail: CEGGERS@GeoDesign.net
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1
Project: PARCEL C - SOUTH Project #: 3101-4.1
Location: NAUGATUCK CT Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☑ RCP Pkg *
Data Report: ☑ Email ☑ PDF ☑ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 7.9 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/3/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chirs Eggers
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

CET # 10110265

Conf 14
Conf 15
Conf 16
Conf 17
Conf 18
Conf 19
Conf 20

Report Date: November 12, 2010
Client Project: Parcel C-South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE55767	CONF 14 at 8ftbg	Soil	11/10/2010	8:30	11/10/2010
AE55768	CONF 15SW at 3ftbg	Soil	11/10/2010	8:30	11/10/2010
AE55769	CONF 16SW at 3ftbg	Soil	11/10/2010	8:30	11/10/2010
AE55770	CONF 17 at 8ftbg	Soil	11/10/2010	8:30	11/10/2010
AE55771	CONF 18 at 8ftbg	Soil	11/10/2010	8:30	11/10/2010
AE55772	CONF 19 at 8ftbg	Soil	11/10/2010	8:30	11/10/2010
AE55773	CONF 20 at 8ftbg	Soil	11/10/2010	8:30	11/10/2010

Sample temperature upon receipt was 5.9 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	CONF 14 at 8ftbg	CONF 15SW at 3ftbg	CONF 16SW at 3ftbg	CONF 17 at 8ftbg
CET ID	AE55767	AE55768	AE55769	AE55770
Date Analyzed	11/10/2010	11/10/2010	11/10/2010	11/10/2010

Acid Digestion [EPA 3050B]

Client ID	CONF 18 at 8ftbg	CONF 19 at 8ftbg	CONF 20 at 8ftbg
CET ID	AE55771	AE55772	AE55773
Date Analyzed	11/10/2010	11/10/2010	11/10/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	CONF 14 at 8ftbg	CONF 15SW at 3ftbg	CONF 16SW at 3ftbg	CONF 17 at 8ftbg
CET ID	AE55767	AE55768	AE55769	AE55770
Date Analyzed	11/11/2010	11/11/2010	11/11/2010	11/11/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	CONF 18 at 8ftbg	CONF 19 at 8ftbg	CONF 20 at 8ftbg
CET ID	AE55771	AE55772	AE55773
Date Analyzed	11/11/2010	11/11/2010	11/11/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	CONF 14 at 8ftbg	CONF 15SW at 3ftbg	CONF 16SW at 3ftbg	CONF 17 at 8ftbg
CET ID	AE55767	AE55768	AE55769	AE55770
Date Analyzed	11/10/2010	11/10/2010	11/10/2010	11/10/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	CONF 18 at 8ftbg	CONF 19 at 8ftbg	CONF 20 at 8ftbg
CET ID	AE55771	AE55772	AE55773
Date Analyzed	11/10/2010	11/10/2010	11/10/2010

SPLP, Metals [EPA 1312]

Client ID	CONF 14 at 8ftbg	CONF 15SW at 3ftbg	CONF 16SW at 3ftbg	CONF 17 at 8ftbg
CET ID	AE55767	AE55768	AE55769	AE55770
Date Analyzed	11/10/2010	11/10/2010	11/10/2010	11/10/2010

SPLP, Metals [EPA 1312]

Client ID	CONF 18 at 8ftbg	CONF 19 at 8ftbg	CONF 20 at 8ftbg
CET ID	AE55771	AE55772	AE55773
Date Analyzed	11/10/2010	11/10/2010	11/10/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	CONF 14 at 8ftbg	CONF 15SW at 3ftbg	CONF 16SW at 3ftbg	CONF 17 at 8ftbg
CET ID	AE55767	AE55768	AE55769	AE55770
Date Analyzed	11/11/2010	11/11/2010	11/11/2010	11/11/2010
Total Solids	92	90	90	96

Total Solids [EPA 160.3 mo] Units: percent

Client ID	CONF 18 at 8ftbg	CONF 19 at 8ftbg	CONF 20 at 8ftbg
CET ID	AE55771	AE55772	AE55773
Date Analyzed	11/11/2010	11/11/2010	11/11/2010
Total Solids	96	96	93

Total Metals [EPA 6020A] Units: mg/kg (Dry Wt)

Client ID	CONF 14 at 8ftbg	CONF 15SW at 3ftbg	CONF 16SW at 3ftbg	CONF 17 at 8ftbg
CET ID	AE55767	AE55768	AE55769	AE55770
Date Analyzed	11/11/2010	11/11/2010	11/11/2010	11/11/2010
Dilution	1.0	1.0	1.0	1.0
Lead	1300	4.3	52	3.9

Total Metals [EPA 6020A] Units: mg/kg (Dry Wt)

Client ID	CONF 18 at 8ftbg	CONF 19 at 8ftbg	CONF 20 at 8ftbg
CET ID	AE55771	AE55772	AE55773
Date Analyzed	11/11/2010	11/11/2010	11/11/2010
Dilution	1.0	1.0	1.0
Lead	15	3.3	59

Total Metals Dup Result [EPA 6020A] Units: mg/kg (Dry Wt)

Client ID	CONF 20 at 8ftbg
CET ID	AE55773
Date Analyzed	11/11/2010
Dilution	1.0
Lead	73

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	CONF 14 at 8ftbg	CONF 15SW at 3ftbg	CONF 16SW at 3ftbg	CONF 17 at 8ftbg
CET ID	AE55767	AE55768	AE55769	AE55770
Date Analyzed	11/12/2010	11/12/2010	11/12/2010	11/12/2010
Dilution	1.0	1.0	1.0	1.0
Lead	0.51	ND < 0.013	0.039	ND < 0.013

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	CONF 18 at 8ftbg	CONF 19 at 8ftbg	CONF 20 at 8ftbg
CET ID	AE55771	AE55772	AE55773
Date Analyzed	11/12/2010	11/12/2010	11/12/2010
Dilution	1.0	1.0	1.0
Lead	0.016	ND < 0.013	0.045

SPLP Metals by ICP/MS Dup [EPA 6020A] Units: mg/l

Client ID	CONF 17 at 8ftbg
CET ID	AE55770
Date Analyzed	11/12/2010
Dilution	1.0
Lead	ND < 0.013

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	CONF 14 at 8ftbg	CONF 15SW at 3ftbg	CONF 16SW at 3ftbg	CONF 17 at 8ftbg
CET ID	AE55767	AE55768	AE55769	AE55770
Date Analyzed	11/11/2010	11/11/2010	11/11/2010	11/11/2010
Dilution	1.0	1.0	1.0	1.0
Pyridine	ND < 327	ND < 334	ND < 334	ND < 313
n-Nitroso-dimethylamine	ND < 327	ND < 334	ND < 334	ND < 313
bis(2-Chloroethyl)ether	ND < 327	ND < 334	ND < 334	ND < 313
Phenol	ND < 327	ND < 334	ND < 334	ND < 313
Aniline	ND < 327	ND < 334	ND < 334	ND < 313
2-Chlorophenol	ND < 327	ND < 334	ND < 334	ND < 313
1,3-Dichlorobenzene	ND < 327	ND < 334	ND < 334	ND < 313
1,4-Dichlorobenzene	ND < 327	ND < 334	ND < 334	ND < 313
Benzyl Alcohol	ND < 327	ND < 334	ND < 334	ND < 313
1,2-Dichlorobenzene	ND < 327	ND < 334	ND < 334	ND < 313
bis(2-chloroisopropyl)ether	ND < 327	ND < 334	ND < 334	ND < 313
Hexachloroethane	ND < 327	ND < 334	ND < 334	ND < 313
N-Nitroso-di-n-propylamine	ND < 327	ND < 334	ND < 334	ND < 313
2-Methyl Phenol	ND < 327	ND < 334	ND < 334	ND < 313
3+4 Methyl Phenol	ND < 327	ND < 334	ND < 334	ND < 313
Nitrobenzene	ND < 327	ND < 334	ND < 334	ND < 313
Isophorone	ND < 327	ND < 334	ND < 334	ND < 313
2-Nitrophenol	ND < 327	ND < 334	ND < 334	ND < 313
2,4-Dimethylphenol	ND < 327	ND < 334	ND < 334	ND < 313
bis(2-Chloroethoxy)methane	ND < 327	ND < 334	ND < 334	ND < 313
Benzoic Acid	ND < 327	ND < 334	ND < 334	ND < 313
2,4-Dichlorophenol	ND < 327	ND < 334	ND < 334	ND < 313
1,2,4-Trichlorobenzene	ND < 327	ND < 334	ND < 334	ND < 313
Naphthalene	ND < 327	ND < 334	ND < 334	ND < 313
2,6-Dichlorophenol	ND < 327	ND < 334	ND < 334	ND < 313
4-Chloroaniline	ND < 327	ND < 334	ND < 334	ND < 313
Hexachlorobutadiene	ND < 327	ND < 334	ND < 334	ND < 313
4-Chloro-3-methylphenol	ND < 327	ND < 334	ND < 334	ND < 313
2-Methyl Naphthalene	ND < 327	ND < 334	ND < 334	ND < 313
Hexachlorocyclopentadiene	ND < 327	ND < 334	ND < 334	ND < 313
2,4,6-Trichlorophenol	ND < 327	ND < 334	ND < 334	ND < 313
2,4,5-Trichlorophenol	ND < 327	ND < 334	ND < 334	ND < 313
2-Chloronaphthalene	ND < 327	ND < 334	ND < 334	ND < 313
2-Nitroaniline	ND < 327	ND < 334	ND < 334	ND < 313
Acenaphthylene	ND < 327	ND < 334	ND < 334	ND < 313
Dimethylphthalate	ND < 327	ND < 334	ND < 334	ND < 313
2,6-Dinitrotoluene	ND < 327	ND < 334	ND < 334	ND < 313
4-Nitroaniline	ND < 327	ND < 334	ND < 334	ND < 313
Acenaphthene	ND < 327	ND < 334	ND < 334	ND < 313
2,4-Dinitrophenol	ND < 327	ND < 334	ND < 334	ND < 313
2,4-Dinitrotoluene	ND < 327	ND < 334	ND < 334	ND < 313
4-Nitrophenol	ND < 327	ND < 334	ND < 334	ND < 313
Dibenzofuran	ND < 327	ND < 334	ND < 334	ND < 313
2,3,4,6-Tetrachlorophenol	ND < 327	ND < 334	ND < 334	ND < 313
Fluorene	ND < 327	ND < 334	ND < 334	ND < 313
4-Chlorophenyl-phenylether	ND < 327	ND < 334	ND < 334	ND < 313
Diethylphthalate	ND < 327	ND < 334	ND < 334	ND < 313
3-Nitroaniline	ND < 327	ND < 334	ND < 334	ND < 313
4,6-Dinitro-2-methylphenol	ND < 327	ND < 334	ND < 334	ND < 313

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	CONF 14 at 8ftbg	CONF 15SW at 3ftbg	CONF 16SW at 3ftbg	CONF 17 at 8ftbg
n-Nitrosodiphenylamine	ND < 327	ND < 334	ND < 334	ND < 313
Azobenzene	ND < 327	ND < 334	ND < 334	ND < 313
4-Bromophenyl-phenylether	ND < 327	ND < 334	ND < 334	ND < 313
Hexachlorobenzene	ND < 327	ND < 334	ND < 334	ND < 313
Pentachlorophenol	ND < 327	ND < 334	ND < 334	ND < 313
Phenanthrene	ND < 327	ND < 334	ND < 334	ND < 313
Anthracene	ND < 327	ND < 334	ND < 334	ND < 313
Carbazole	ND < 327	ND < 334	ND < 334	ND < 313
Di-n-butylphthalate	ND < 327	ND < 334	ND < 334	ND < 313
Fluoranthene	ND < 327	ND < 334	ND < 334	ND < 313
Pyrene	ND < 327	ND < 334	ND < 334	ND < 313
Butylbenzylphthalate	ND < 327	ND < 334	ND < 334	ND < 313
3,3-Dichlorobenzidine	ND < 327	ND < 334	ND < 334	ND < 313
Benzo[a]anthracene	ND < 327	ND < 334	ND < 334	ND < 313
Chrysene	ND < 327	ND < 334	ND < 334	ND < 313
bis(2-Ethylhexyl)phthalate	ND < 327	ND < 334	ND < 334	ND < 313
Di-n-octylphthalate	ND < 327	ND < 334	ND < 334	ND < 313
Benzo[b]fluoranthene	ND < 327	ND < 334	ND < 334	ND < 313
Benzo[k]fluoranthene	ND < 327	ND < 334	ND < 334	ND < 313
Benzo[a]pyrene	ND < 327	ND < 334	ND < 334	ND < 313
Indeno[1,2,3-cd]pyrene	ND < 327	ND < 334	ND < 334	ND < 313
Dibenz[a,h]anthracene	ND < 327	ND < 334	ND < 334	ND < 313
Benzo[g,h,i]perylene	ND < 327	ND < 334	ND < 334	ND < 313
2-Fluorophenol (Surr) 30-130	67	66.5	70.8	61.6
Phenol-d5 (Surr) 30-130	65.7	65.8	70.6	60.6
Nitrobenzene-d5(Surr) 30-130	69.4	67.4	73.9	63.6
2-Fluorobiphenyl (Surr) 30-130	75.4	75.8	81.7	71.8
2,4,6-Tribromophenol (Surr) 30-130	67.2	73.3	73.4	58.7
Terphenyl-d14 (Surr) 30-130	83.3	90.3	91.8	85.3

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	CONF 18 at 8ftbg	CONF 19 at 8ftbg	CONF 20 at 8ftbg
CET ID	AE55771	AE55772	AE55773
Date Analyzed	11/11/2010	11/11/2010	11/11/2010
Dilution	1.0	1.0	1.0
Pyridine	ND < 313	ND < 313	ND < 323
n-Nitroso-dimethylamine	ND < 313	ND < 313	ND < 323
bis(2-Chloroethyl)ether	ND < 313	ND < 313	ND < 323
Phenol	ND < 313	ND < 313	ND < 323
Aniline	ND < 313	ND < 313	ND < 323
2-Chlorophenol	ND < 313	ND < 313	ND < 323
1,3-Dichlorobenzene	ND < 313	ND < 313	ND < 323
1,4-Dichlorobenzene	ND < 313	ND < 313	ND < 323
Benzyl Alcohol	ND < 313	ND < 313	ND < 323
1,2-Dichlorobenzene	ND < 313	ND < 313	ND < 323
bis(2-chloroisopropyl)ether	ND < 313	ND < 313	ND < 323
Hexachloroethane	ND < 313	ND < 313	ND < 323
N-Nitroso-di-n-propylamine	ND < 313	ND < 313	ND < 323
2-Methyl Phenol	ND < 313	ND < 313	ND < 323

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	CONF 18 at 8ftbg	CONF 19 at 8ftbg	CONF 20 at 8ftbg
3+4 Methyl Phenol	ND < 313	ND < 313	ND < 323
Nitrobenzene	ND < 313	ND < 313	ND < 323
Isophorone	ND < 313	ND < 313	ND < 323
2-Nitrophenol	ND < 313	ND < 313	ND < 323
2,4-Dimethylphenol	ND < 313	ND < 313	ND < 323
bis(2-Chloroethoxy)methane	ND < 313	ND < 313	ND < 323
Benzoic Acid	ND < 313	ND < 313	ND < 323
2,4-Dichlorophenol	ND < 313	ND < 313	ND < 323
1,2,4-Trichlorobenzene	ND < 313	ND < 313	ND < 323
Naphthalene	ND < 313	ND < 313	ND < 323
2,6-Dichlorophenol	ND < 313	ND < 313	ND < 323
4-Chloroaniline	ND < 313	ND < 313	ND < 323
Hexachlorobutadiene	ND < 313	ND < 313	ND < 323
4-Chloro-3-methylphenol	ND < 313	ND < 313	ND < 323
2-Methyl Naphthalene	ND < 313	ND < 313	ND < 323
Hexachlorocyclopentadiene	ND < 313	ND < 313	ND < 323
2,4,6-Trichlorophenol	ND < 313	ND < 313	ND < 323
2,4,5-Trichlorophenol	ND < 313	ND < 313	ND < 323
2-Chloronaphthalene	ND < 313	ND < 313	ND < 323
2-Nitroaniline	ND < 313	ND < 313	ND < 323
Acenaphthylene	ND < 313	ND < 313	ND < 323
Dimethylphthalate	ND < 313	ND < 313	ND < 323
2,6-Dinitrotoluene	ND < 313	ND < 313	ND < 323
4-Nitroaniline	ND < 313	ND < 313	ND < 323
Acenaphthene	ND < 313	ND < 313	ND < 323
2,4-Dinitrophenol	ND < 313	ND < 313	ND < 323
2,4-Dinitrotoluene	ND < 313	ND < 313	ND < 323
4-Nitrophenol	ND < 313	ND < 313	ND < 323
Dibenzofuran	ND < 313	ND < 313	ND < 323
2,3,4,6-Tetrachlorophenol	ND < 313	ND < 313	ND < 323
Fluorene	ND < 313	ND < 313	ND < 323
4-Chlorophenyl-phenylether	ND < 313	ND < 313	ND < 323
Diethylphthalate	ND < 313	ND < 313	ND < 323
3-Nitroaniline	ND < 313	ND < 313	ND < 323
4,6-Dinitro-2-methylphenol	ND < 313	ND < 313	ND < 323
n-Nitrosodiphenylamine	ND < 313	ND < 313	ND < 323
Azobenzene	ND < 313	ND < 313	ND < 323
4-Bromophenyl-phenylether	ND < 313	ND < 313	ND < 323
Hexachlorobenzene	ND < 313	ND < 313	ND < 323
Pentachlorophenol	ND < 313	ND < 313	ND < 323
Phenanthrene	ND < 313	ND < 313	ND < 323
Anthracene	ND < 313	ND < 313	ND < 323
Carbazole	ND < 313	ND < 313	ND < 323
Di-n-butylphthalate	ND < 313	ND < 313	ND < 323
Fluoranthene	ND < 313	ND < 313	670
Pyrene	ND < 313	ND < 313	630
Butylbenzylphthalate	ND < 313	ND < 313	ND < 323
3,3-Dichlorobenzidine	ND < 313	ND < 313	ND < 323
Benzo[a]anthracene	ND < 313	ND < 313	380
Chrysene	ND < 313	ND < 313	400
bis(2-Ethylhexyl)phthalate	ND < 313	ND < 313	ND < 323
Di-n-octylphthalate	ND < 313	ND < 313	ND < 323

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	CONF 18 at 8ftbg	CONF 19 at 8ftbg	CONF 20 at 8ftbg
Benzo[b]fluoranthene	ND < 313	ND < 313	610
Benzo[k]fluoranthene	ND < 313	ND < 313	ND < 323
Benzo[a]pyrene	ND < 313	ND < 313	450
Indeno[1,2,3-cd]pyrene	ND < 313	ND < 313	ND < 323
Dibenz[a,h]anthracene	ND < 313	ND < 313	ND < 323
Benzo[g,h,i]perylene	ND < 313	ND < 313	ND < 323
2-Fluorophenol (Surr) 30-130	68	64.9	58.8
Phenol-d5 (Surr) 30-130	66.8	63.9	59
Nitrobenzene-d5(Surr) 30-130	69.7	65.2	59.4
2-Fluorobiphenyl (Surr) 30-130	79.4	77	70.6
2,4,6-Tribromophenol (Surr) 30-130	67.7	61.6	66.8
Terphenyl-d14 (Surr) 30-130	92.6	89.2	88.6

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	CONF 14 at 8ftbg	CONF 15SW at 3ftbg	CONF 16SW at 3ftbg	CONF 17 at 8ftbg
CET ID	AE55767	AE55768	AE55769	AE55770
Date Analyzed	11/11/2010	11/11/2010	11/11/2010	11/11/2010
Dilution	1.0	1.0	1.0	1.0
ETPH	ND < 55	ND < 56	ND < 56	ND < 53
Octacosane (surr) 50-150	101	102	107	94.4

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	CONF 18 at 8ftbg	CONF 19 at 8ftbg	CONF 20 at 8ftbg
CET ID	AE55771	AE55772	AE55773
Date Analyzed	11/11/2010	11/11/2010	11/11/2010
Dilution	1.0	1.0	1.0
ETPH	ND < 53	ND < 53	ND < 54
Octacosane (surr) 50-150	104	92.5	93.2

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

10110265

Volatile Soils Only:

Date and Time in Freezer
Client:

CHAIN OF CUSTODY RECORD

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
CONF 14 @ 8' bg	11-10-2010/830	Soil			2								X	X						X		X			1	
CONF 15 SW @ 3' bg	↓	↓			2								X	X						X		X			1	
CONF 16 SW @ 3' bg					2								X	X						X		X			1	
CONF 17 [redacted] @ 8' bg					2								X	X						X		X			1	
CONF 18 [redacted] @ 8' bg					2								X	X						X		X			1	
CONF 19 [redacted] @ 8' bg					2								X	X						X		X			1	
CONF 20 [redacted] @ 8' bg	11-10-2010/830	✓			2								X	X						X		X			1	

PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	11-10-2010 / 1130	[signature]
[signature]	11/10/10 / 1215	[signature]

NOTES: [redacted] 48HOUR TURN AROUND
COPY RESULTS TO Al KOVALIK, AKovalik@GeoDesign.net

Client / Reporting Information

Company Name: GeoDesign
Address: 484 Southford Rd
City: Middlebury State: CT Zip: 06762
Report To: Chris Eggers E-mail: Ceggers@geodesign.net
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1
Project: PARCEL C SOUTH Project #: 3101-4.1
Location: NAUGATUCK, CT Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 5.9 °C
SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C-South, Naugatuck ***Project Number:*** 3104-4.1

Laboratory Sample ID(s): AE55767-AE55773 ***Sampling Date(s):*** 11/10/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10110265

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 11/15/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C-South, Naugatuck
CET#: 10110265

Blank/LCS Report

QA Type: Conn. Extractable TPH Date Analyzed: 11/10/2010 Batch ID: 69998

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	90	60-120

All associated samples: AE55767 AE55768 AE55769 AE55770 AE55771 AE55772 AE55773

QA Type: Total Metals Date Analyzed: 11/11/2010 Batch ID: 70016

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	98	80-120

All associated samples: AE55767 AE55768 AE55769 AE55770 AE55771 AE55772 AE55773

QA Type: SPLP Metals Date Analyzed: 11/12/2010 Batch ID: 70019

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	98	80-120

All associated samples: AE55767 AE55768 AE55769 AE55770 AE55771 AE55772 AE55773

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/11/2010 Batch ID: 70022

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	51	30-130
n-Nitroso-dimethylamine	ND<300	68	40-140
bis(2-Chloroethyl)ether	ND<300	87	40-140
Phenol	ND<300	83	30-130
Aniline	ND<300	63	30-130
2-Chlorophenol	ND<300	89	30-130
1,3-Dichlorobenzene	ND<300	79	40-140
1,4-Dichlorobenzene	ND<300	80	40-140
Benzyl Alcohol	ND<300	57	30-130
1,2-Dichlorobenzene	ND<300	81	40-140
bis(2-chloroisopropyl)ether	ND<300	83	40-140
Hexachloroethane	ND<300	49	40-140
N-Nitroso-di-n-propylamine	ND<300	82	40-140
2-Methyl Phenol	ND<300	118	30-130
3+4 Methyl Phenol	ND<300	91	30-130
Nitrobenzene	ND<300	82	40-140

Project: Parcel C-South, Naugatuck
Cet#: 10110265

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/11/2010 Batch ID: 70022

Analyte	Blank	LCS%Rec	LCS CL
Isophorone	ND<300	83	40-140
2-Nitrophenol	ND<300	84	30-130
2,4-Dimethylphenol	ND<300	70	30-130
bis(2-Chloroethoxy)methane	ND<300	85	40-140
2,4-Dichlorophenol	ND<300	91	30-130
1,2,4-Trichlorobenzene	ND<300	90	40-140
Naphthalene	ND<300	86	40-140
4-Chloroaniline	ND<300	75	30-130
Hexachlorobutadiene	ND<300	88	40-140
4-Chloro-3-methylphenol	ND<300	92	30-130
2-Methyl Naphthalene	ND<300	86	40-140
Hexachlorocyclopentadiene	ND<300	32 L	40-140
2,4,6-Trichlorophenol	ND<300	89	30-130
2,4,5-Trichlorophenol	ND<300	97	30-130
2-Chloronaphthalene	ND<300	83	30-130
2-Nitroaniline	ND<300	88	30-130
Acenaphthylene	ND<300	85	40-140
Dimethylphthalate	ND<300	98	40-140
2,6-Dinitrotoluene	ND<300	87	40-140
4-Nitroaniline	ND<300	91	30-130
Acenaphthene	ND<300	91	40-140
2,4-Dinitrophenol	ND<300	27 L	30-130
2,4-Dinitrotoluene	ND<300	93	40-140
4-Nitrophenol	ND<300	83	30-130
Dibenzofuran	ND<300	91	40-140
Fluorene	ND<300	93	40-140
4-Chlorophenyl-phenylether	ND<300	96	40-140
Diethylphthalate	ND<300	94	40-140
3-Nitroaniline	ND<300	71	30-130
4,6-Dinitro-2-methylphenol	ND<300	35	30-130
n-Nitrosodiphenylamine	ND<300	101	40-140
4-Bromophenyl-phenylether	ND<300	90	40-140
Hexachlorobenzene	ND<300	86	40-140
Pentachlorophenol	ND<300	87	30-130
Phenanthrene	ND<300	91	40-140
Anthracene	ND<300	92	40-140
Di-n-butylphthalate	ND<300	98	40-140
Fluoranthene	ND<300	98	40-140
Pyrene	ND<300	100	40-140
Butylbenzylphthalate	ND<300	99	40-140
Benzo[a]anthracene	ND<300	95	40-140
Chrysene	ND<300	95	40-140
bis(2-Ethylhexyl)phthalate	ND<300	103	40-140
Di-n-octylphthalate	ND<300	105	40-140
Benzo[b]fluoranthene	ND<300	111	40-140
Benzo[k]fluoranthene	ND<300	114	40-140
Benzo[a]pyrene	ND<300	98	40-140
Indeno[1,2,3-cd]pyrene	ND<300	62	40-140
Dibenz[a,h]anthracene	ND<300	65	40-140
Benzo[g,h,i]perylene	ND<300	51	40-140

All associated samples: AE55767 AE55768 AE55769 AE55770 AE55771 AE55772 AE55773

Project: Parcel C-South, Naugatuck
Cet#: 10110265

Matrix Spike Report

QA Type: SPLP Metals Date Analyzed: 11/12/2010 Sample ID: AE55770 Client ID: CONF 17 at 8ftbg

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.20	98	100	75-125	1.51	20

QA Type: Total Metals Date Analyzed: 11/11/2010 Sample ID: AE55773 Client ID: CONF 20 at 8ftbg

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	59	27	123	125	75-125	1.61	35

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration SVOC			
Benzyl Alcohol	70022	21 H	20
2,4-Dinitrophenol	70022	27 H	20

All associated samples: AE55767 AE55768 AE55769 AE55770 AE55771 AE55772 AE55773

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
Hexachloroethane	70022	33 L	35-65	11/11/2010
Hexachlorocyclopentadiene	70022	18 L	35-65	11/11/2010
2,4-Dinitrophenol	70022	19 L	35-65	11/11/2010
4,6-Dinitro-2-methylphenol	70022	20 L	35-65	11/11/2010
Indeno[1,2,3-cd]pyrene	70022	16 L	17.5-32.5	11/11/2010
Benzo[g,h,i]perylene	70022	14 L	17.5-32.5	11/11/2010

All associated samples: AE55767 AE55768 AE55769 AE55770 AE55771 AE55772 AE55773

QC Batch Report

Conn. Extractable TPH Batch 69998

CET ID	Client Sample ID	Matrix	Collection Date
AE55767	CONF 14 at 8ftbg	Soil	11/10/2010
AE55768	CONF 15SW at 3ftbg	Soil	11/10/2010
AE55769	CONF 16SW at 3ftbg	Soil	11/10/2010
AE55770	CONF 17 at 8ftbg	Soil	11/10/2010
AE55771	CONF 18 at 8ftbg	Soil	11/10/2010
AE55772	CONF 19 at 8ftbg	Soil	11/10/2010
AE55773	CONF 20 at 8ftbg	Soil	11/10/2010

Total Metals Batch 70016

CET ID	Client Sample ID	Matrix	Collection Date
AE55767	CONF 14 at 8ftbg	Soil	11/10/2010
AE55768	CONF 15SW at 3ftbg	Soil	11/10/2010
AE55769	CONF 16SW at 3ftbg	Soil	11/10/2010
AE55770	CONF 17 at 8ftbg	Soil	11/10/2010
AE55771	CONF 18 at 8ftbg	Soil	11/10/2010
AE55772	CONF 19 at 8ftbg	Soil	11/10/2010
AE55773	CONF 20 at 8ftbg	Soil	11/10/2010

SPLP Metals Batch 70019

CET ID	Client Sample ID	Matrix	Collection Date
AE55767	CONF 14 at 8ftbg	Soil	11/10/2010
AE55768	CONF 15SW at 3ftbg	Soil	11/10/2010
AE55769	CONF 16SW at 3ftbg	Soil	11/10/2010
AE55770	CONF 17 at 8ftbg	Soil	11/10/2010
AE55771	CONF 18 at 8ftbg	Soil	11/10/2010
AE55772	CONF 19 at 8ftbg	Soil	11/10/2010
AE55773	CONF 20 at 8ftbg	Soil	11/10/2010

EPA 8270C Semi-Volatile Organics Batch 70022

CET ID	Client Sample ID	Matrix	Collection Date
AE55767	CONF 14 at 8ftbg	Soil	11/10/2010
AE55768	CONF 15SW at 3ftbg	Soil	11/10/2010
AE55769	CONF 16SW at 3ftbg	Soil	11/10/2010
AE55770	CONF 17 at 8ftbg	Soil	11/10/2010
AE55771	CONF 18 at 8ftbg	Soil	11/10/2010
AE55772	CONF 19 at 8ftbg	Soil	11/10/2010
AE55773	CONF 20 at 8ftbg	Soil	11/10/2010

Narrative

4. Hexachlorocyclopentadiene LCS recovery low (32%) for batch 70022.
   2,4-Dinitrophenol LCS recovery low (27%) for batch 70022.
   Benzyl Alcohol Initial Cal % RSD high(21%) for batch 70022.
   2,4-Dinitrophenol Initial Cal % RSD high(27%) for batch 70022.
   Hexachloroethane CC low for batch 70022.
   Hexachlorocyclopentadiene CC low for batch 70022.
   2,4-Dinitrophenol CC low for batch 70022.
   4,6-Dinitro-2-methylphenol CC low for batch 70022.
   Indeno[1,2,3-cd]pyrene CC low for batch 70022.
   Benzo[g,h,i]perylene CC low for batch 70022.

6. The client requested a subset of the RCP metals list.

Project: Parcel C-South, Naugatuck
Cet#: 10110265

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
CONF 14 @ 8' bg	11-10-2010/830	Soil			2								X	X						X		X			1	
CONF 15 SW @ 3' bg					2								X	X						X		X			1	
CONF 16 SW @ 3' bg					2								X	X						X		X			1	
CONF 17 @ 8' bg					2								X	X						X		X			1	
CONF 18 @ 8' bg					2								X	X						X		X			1	
CONF 19 @ 8' bg					2								X	X						X		X			1	
CONF 20 @ 8' bg	11-10-2010/830				2								X	X						X		X			1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Eg	11-10-2010 1130	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: 48 HOUR TURN AROUND
COPY RESULTS TO AL KOVALIK, AKovalik@GeoDesign.net

Client / Reporting Information

Company Name: GeoDesign
Address: 984 Southford Rd
City: Middlebury State: CT Zip: 06762
Report To: Chris Eggers E-mail: ceggers@geodesign.net
Phone #: 203-758-9436 Fax #: 203-758-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-41
Project: PARCEL C SOUTH Project #: 3101-41
Location: NAUGATUCK, CT Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg *
Data Report: ☐ Email ☐ PDF ☐ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 3.0 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Eggers
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

TRS-1A
TRS-9A

CET # 10110240

Report Date: November 12, 2010
Client Project: Parcel C-South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

NELAP ACCREDITED TNI LABORATORY

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE55702	TRS-1A	Soil	11/8/2010	13:00	11/09/2010
AE55703	TRS-9A	Soil	11/9/2010	10:00	11/09/2010

Sample temperature upon receipt was 3.1 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	TRS-1A	TRS-9A
CET ID	AE55702	AE55703
Date Analyzed	11/10/2010	11/10/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	TRS-1A	TRS-9A
CET ID	AE55702	AE55703
Date Analyzed	11/10/2010	11/10/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TRS-1A	TRS-9A
CET ID	AE55702	AE55703
Date Analyzed	11/10/2010	11/10/2010

SPLP, Metals [EPA 1312]

Client ID	TRS-1A	TRS-9A
CET ID	AE55702	AE55703
Date Analyzed	11/10/2010	11/10/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TRS-1A	TRS-9A
CET ID	AE55702	AE55703
Date Analyzed	11/10/2010	11/10/2010
Total Solids	87	87

Total Metals [EPA 6020A] Units: mg/kg (Dry Wt)

Client ID	TRS-1A	TRS-9A
CET ID	AE55702	AE55703
Date Analyzed	11/11/2010	11/11/2010
Dilution	1.0	1.0
Lead	570	43

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	TRS-1A	TRS-9A
CET ID	AE55702	AE55703
Date Analyzed	11/12/2010	11/12/2010
Dilution	1.0	1.0
Lead	0.075	0.014

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS-1A	TRS-9A
CET ID	AE55702	AE55703
Date Analyzed	11/10/2010	11/10/2010
Dilution	1.0	1.0
Pyridine	ND < 345	ND < 345
n-Nitroso-dimethylamine	ND < 345	ND < 345
bis(2-Chloroethyl)ether	ND < 345	ND < 345
Phenol	ND < 345	ND < 345
Aniline	ND < 345	ND < 345
2-Chlorophenol	ND < 345	ND < 345
1,3-Dichlorobenzene	ND < 345	ND < 345
1,4-Dichlorobenzene	ND < 345	ND < 345
Benzyl Alcohol	ND < 345	ND < 345
1,2-Dichlorobenzene	ND < 345	ND < 345
bis(2-chloroisopropyl)ether	ND < 345	ND < 345
Hexachloroethane	ND < 345	ND < 345
N-Nitroso-di-n-propylamine	ND < 345	ND < 345
2-Methyl Phenol	ND < 345	ND < 345
3+4 Methyl Phenol	ND < 345	ND < 345
Nitrobenzene	ND < 345	ND < 345
Isophorone	ND < 345	ND < 345
2-Nitrophenol	ND < 345	ND < 345
2,4-Dimethylphenol	ND < 345	ND < 345
bis(2-Chloroethoxy)methane	ND < 345	ND < 345
Benzoic Acid	ND < 345	ND < 345
2,4-Dichlorophenol	ND < 345	ND < 345
1,2,4-Trichlorobenzene	ND < 345	ND < 345
Naphthalene	ND < 345	ND < 345
2,6-Dichlorophenol	ND < 345	ND < 345
4-Chloroaniline	ND < 345	ND < 345
Hexachlorobutadiene	ND < 345	ND < 345
4-Chloro-3-methylphenol	ND < 345	ND < 345
2-Methyl Naphthalene	ND < 345	ND < 345
Hexachlorocyclopentadiene	ND < 345	ND < 345

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS-1A	TRS-9A
2,4,6-Trichlorophenol	ND < 345	ND < 345
2,4,5-Trichlorophenol	ND < 345	ND < 345
2-Chloronaphthalene	ND < 345	ND < 345
2-Nitroaniline	ND < 345	ND < 345
Acenaphthylene	ND < 345	ND < 345
Dimethylphthalate	ND < 345	ND < 345
2,6-Dinitrotoluene	ND < 345	ND < 345
4-Nitroaniline	ND < 345	ND < 345
Acenaphthene	ND < 345	ND < 345
2,4-Dinitrophenol	ND < 345	ND < 345
2,4-Dinitrotoluene	ND < 345	ND < 345
4-Nitrophenol	ND < 345	ND < 345
Dibenzofuran	ND < 345	ND < 345
2,3,4,6-Tetrachlorophenol	ND < 345	ND < 345
Fluorene	ND < 345	ND < 345
4-Chlorophenyl-phenylether	ND < 345	ND < 345
Diethylphthalate	ND < 345	ND < 345
3-Nitroaniline	ND < 345	ND < 345
4,6-Dinitro-2-methylphenol	ND < 345	ND < 345
n-Nitrosodiphenylamine	ND < 345	ND < 345
Azobenzene	ND < 345	ND < 345
4-Bromophenyl-phenylether	ND < 345	ND < 345
Hexachlorobenzene	ND < 345	ND < 345
Pentachlorophenol	ND < 345	ND < 345
Phenanthrene	ND < 345	ND < 345
Anthracene	ND < 345	ND < 345
Carbazole	ND < 345	ND < 345
Di-n-butylphthalate	ND < 345	ND < 345
Fluoranthene	ND < 345	ND < 345
Pyrene	ND < 345	ND < 345
Butylbenzylphthalate	ND < 345	ND < 345
3,3-Dichlorobenzidine	ND < 345	ND < 345
Benzo[a]anthracene	ND < 345	ND < 345
Chrysene	ND < 345	ND < 345
bis(2-Ethylhexyl)phthalate	ND < 345	ND < 345
Di-n-octylphthalate	ND < 345	ND < 345
Benzo[b]fluoranthene	ND < 345	ND < 345
Benzo[k]fluoranthene	ND < 345	ND < 345
Benzo[a]pyrene	ND < 345	ND < 345
Indeno[1,2,3-cd]pyrene	ND < 345	ND < 345
Dibenz[a,h]anthracene	ND < 345	ND < 345
Benzo[g,h,i]perylene	ND < 345	ND < 345
2-Fluorophenol (Surr) 30-130	66.9	67.8
Phenol-d5 (Surr) 30-130	68.9	69.7
Nitrobenzene-d5(Surr) 30-130	68.5	66.8
2-Fluorobiphenyl (Surr) 30-130	77.6	76.9
2,4,6-Tribromophenol (Surr) 30-130	70.3	77
Terphenyl-d14 (Surr) 30-130	109	105

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TRS-1A	TRS-9A
CET ID	AE55702	AE55703
Date Analyzed	11/10/2010	11/10/2010
Dilution	1.0	1.0
ETPH	ND < 58	ND < 58
Octacosane (surr) 50-150	98.7	98.9

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

10110240

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

CHAIN OF CUSTODY RECORD

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
TRS-1A	11-8-10/1300	SOIL			2								X	X						X		X			1	
TRS-9A	11-9-10/1000	SOIL			2								X	X						X		X			1	

PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

TOTAL # OF CONT.: 2

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	11-9-10/1001	[signature]
[signature]	11-9-10/1610	[signature]

NOTES: copy Al Kovalik AKovalik@GeoDesign.net

Client / Reporting Information

Company Name: GeoDesign
Address: 984 SOUTHFORD RD
City: MIDDLEBURY State: CT Zip: 06762
Report To: Chris Eggers E-mail: CEGGERS@GeoDesign.net
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1
Project: PARCEL C-SOUTH Project #: 3101-4.1
Location: NAUGATUCK Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 8.1 °C

SHEET ____ OF ____

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C-South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE55702-AE55703 ***Sampling Date(s):*** 11/8/2010; 11/9/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10110240

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 11/15/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

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e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C-South, Naugatuck
CET#: 10110240

Blank/LCS Report

QA Type: Conn. Extractable TPH Date Analyzed: 11/10/2010 Batch ID: 69998

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	90	60-120

All associated samples: AE55702 AE55703

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/10/2010 Batch ID: 70010

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	49	30-130
n-Nitroso-dimethylamine	ND<300	68	40-140
bis(2-Chloroethyl)ether	ND<300	87	40-140
Phenol	ND<300	84	30-130
Aniline	ND<300	62	30-130
2-Chlorophenol	ND<300	88	30-130
1,3-Dichlorobenzene	ND<300	79	40-140
1,4-Dichlorobenzene	ND<300	81	40-140
Benzyl Alcohol	ND<300	56	30-130
1,2-Dichlorobenzene	ND<300	82	40-140
bis(2-chloroisopropyl)ether	ND<300	82	40-140
Hexachloroethane	ND<300	72	40-140
N-Nitroso-di-n-propylamine	ND<300	82	40-140
2-Methyl Phenol	ND<300	82	30-130
3+4 Methyl Phenol	ND<300	80	30-130
Nitrobenzene	ND<300	82	40-140
Isophorone	ND<300	86	40-140
2-Nitrophenol	ND<300	89	30-130
2,4-Dimethylphenol	ND<300	71	30-130
bis(2-Chloroethoxy)methane	ND<300	86	40-140
2,4-Dichlorophenol	ND<300	92	30-130
1,2,4-Trichlorobenzene	ND<300	90	40-140
Naphthalene	ND<300	86	40-140
4-Chloroaniline	ND<300	73	30-130
Hexachlorobutadiene	ND<300	89	40-140
4-Chloro-3-methylphenol	ND<300	93	30-130

Project: Parcel C-South, Naugatuck
Cet#: 10110240

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/10/2010 Batch ID: 70010

Analyte	Blank	LCS%Rec	LCS CL
2-Methyl Naphthalene	ND<300	87	40-140
Hexachlorocyclopentadiene	ND<300	52	40-140
2,4,6-Trichlorophenol	ND<300	86	30-130
2,4,5-Trichlorophenol	ND<300	94	30-130
2-Chloronaphthalene	ND<300	87	30-130
2-Nitroaniline	ND<300	86	30-130
Acenaphthylene	ND<300	84	40-140
Dimethylphthalate	ND<300	97	40-140
2,6-Dinitrotoluene	ND<300	88	40-140
4-Nitroaniline	ND<300	88	30-130
Acenaphthene	ND<300	90	40-140
2,4-Dinitrophenol	ND<300	79	30-130
2,4-Dinitrotoluene	ND<300	93	40-140
4-Nitrophenol	ND<300	94	30-130
Dibenzofuran	ND<300	90	40-140
Fluorene	ND<300	91	40-140
4-Chlorophenyl-phenylether	ND<300	96	40-140
Diethylphthalate	ND<300	93	40-140
3-Nitroaniline	ND<300	65	30-130
4,6-Dinitro-2-methylphenol	ND<300	89	30-130
n-Nitrosodiphenylamine	ND<300	100	40-140
4-Bromophenyl-phenylether	ND<300	90	40-140
Hexachlorobenzene	ND<300	88	40-140
Pentachlorophenol	ND<300	87	30-130
Phenanthrene	ND<300	91	40-140
Anthracene	ND<300	91	40-140
Di-n-butylphthalate	ND<300	98	40-140
Fluoranthene	ND<300	96	40-140
Pyrene	ND<300	97	40-140
Butylbenzylphthalate	ND<300	105	40-140
Benzo[a]anthracene	ND<300	95	40-140
Chrysene	ND<300	94	40-140
bis(2-Ethylhexyl)phthalate	ND<300	106	40-140
Di-n-octylphthalate	ND<300	100	40-140
Benzo[b]fluoranthene	ND<300	101	40-140
Benzo[k]fluoranthene	ND<300	105	40-140
Benzo[a]pyrene	ND<300	94	40-140
Indeno[1,2,3-cd]pyrene	ND<300	80	40-140
Dibenz[a,h]anthracene	ND<300	76	40-140
Benzo[g,h,i]perylene	ND<300	83	40-140

All associated samples: AE55702 AE55703

QA Type: Total Metals Date Analyzed: 11/11/2010 Batch ID: 70016

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	98	80-120

All associated samples: AE55702 AE55703

QA Type: SPLP Metals Date Analyzed: 11/12/2010 Batch ID: 70019

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	98	80-120

All associated samples: AE55702 AE55703

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration SVOC			
Benzyl Alcohol	70010	21 H	20
2,4-Dinitrophenol	70010	27 H	20

All associated samples: AE55702 AE55703

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
2,4-Dinitrophenol	70010	68 H	35-65	11/10/2010
4,6-Dinitro-2-methylphenol	70010	70 H	35-65	11/10/2010
Butylbenzylphthalate	70010	90 H	35-65	11/10/2010

All associated samples: AE55702 AE55703

QC Batch Report

Conn. Extractable TPH Batch 69998

CET ID	Client Sample ID	Matrix	Collection Date
AE55702	TRS-1A	Soil	11/8/2010
AE55703	TRS-9A	Soil	11/9/2010

EPA 8270C Semi-Volatile Organics Batch 70010

CET ID	Client Sample ID	Matrix	Collection Date
AE55702	TRS-1A	Soil	11/8/2010
AE55703	TRS-9A	Soil	11/9/2010

Total Metals Batch 70016

CET ID	Client Sample ID	Matrix	Collection Date
AE55702	TRS-1A	Soil	11/8/2010
AE55703	TRS-9A	Soil	11/9/2010

SPLP Metals Batch 70019

CET ID	Client Sample ID	Matrix	Collection Date
AE55702	TRS-1A	Soil	11/8/2010
AE55703	TRS-9A	Soil	11/9/2010

Narrative

4. Benzyl Alcohol Initial Cal % RSD high(21%) for batch 70010.
   2,4-Dinitrophenol Initial Cal % RSD high(27%) for batch 70010.
   2,4-Dinitrophenol CC high for batch 70010.
   4,6-Dinitro-2-methylphenol CC high for batch 70010.
   Butylbenzylphthalate CC high for batch 70010.

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by the client.

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
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Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
TRS-1A	11-8-10/1300	SOIL			2								X	X						X		X			1	
TRS-9A (should be CGE 9A)	11-9-10/1000	SOIL			2								X	X						X		X			1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
CGE	11-9-10/1001	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Copy Al Kovalik AKovalik@GeoDesign.net

Client / Reporting Information

Company Name: GeoDesign

Address: 984 SOUTHFORD RD

City: MIDDLEBURY State: CT Zip: 06762

Report To: Chris Eggers E-mail: CEGGERS@GeoDesign.net

Phone #: 203-758-8838 Fax #: 203-758-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1

Project: PARCEL C-SOUTH Project #: 3101-4.1

Location: NAUGATUCK Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg *

Data Report: ☐ Email ☐ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 8.1 °C

SHEET ____ OF ____

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

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e-mail: cet1@cetlabs.com

Client: Mr. Chris Eggers
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

GA-6

CET # 10110205

Report Date: November 10, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

NELAP ACCREDITED TNI LABORATORY

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE55583	GA6 8-10	Soil	11/8/2010	12:00	11/08/2010

Sample temperature upon receipt was 6.6 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/9/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/8/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/8/2010

Closed System P&T Extraction [EPA 5035A]

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/8/2010

Liquid-Liquid Extraction [EPA 3510]

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/9/2010

SPLP, Metals [EPA 1312]

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/8/2010

SPLP, Semi-Volatiles [EPA 1312]

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/8/2010

ANALYSIS:

pH [EPA 9045C]

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/8/2010
pH	8.03

Total Solids [EPA 160.3 mo] Units: percent

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/8/2010
Total Solids	95

Total Metals [EPA 6020A] Units: mg/kg (Dry Wt)

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/9/2010
Dilution	1.0
Lead	7.8
Arsenic	ND < 1.5

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/9/2010
Dilution	1.0
Lead	ND < 0.013
Arsenic	ND < 0.009

SPLP Metals by ICP/MS Dup [EPA 6020A] Units: mg/l

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/9/2010
Dilution	1.0
Lead	ND < 0.013
Arsenic	ND < 0.009

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/l Matrix: SPLP Ext.

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/9/2010
Dilution	1.0
Pyridine	ND < 4.0
n-Nitroso-dimethylamine	ND < 20
bis(2-Chloroethyl)ether	ND < 10
Phenol	ND < 20
Aniline	ND < 20
2-Chlorophenol	ND < 20
1,3-Dichlorobenzene	ND < 5.0
1,4-Dichlorobenzene	ND < 5.0
Benzyl Alcohol	ND < 20
1,2-Dichlorobenzene	ND < 5.0
bis(2-chloroisopropyl)ether	ND < 10
Hexachloroethane	ND < 3.0
N-Nitroso-di-n-propylamine	ND < 10
2-Methyl Phenol	ND < 20
3+4 Methyl Phenol	ND < 20
Nitrobenzene	ND < 20
Isophorone	ND < 20
2-Nitrophenol	ND < 20
2,4-Dimethylphenol	ND < 20
bis(2-Chloroethoxy)methane	ND < 20
Benzoic Acid	ND < 20
2,4-Dichlorophenol	ND < 20
1,2,4-Trichlorobenzene	ND < 5.0
Naphthalene	ND < 1.0
2,6-Dichlorophenol	ND < 20
4-Chloroaniline	ND < 20
Hexachlorobutadiene	ND < 20
4-Chloro-3-methylphenol	ND < 20
2-Methyl Naphthalene	ND < 1.0
Hexachlorocyclopentadiene	ND < 20
2,4,6-Trichlorophenol	ND < 20
2,4,5-Trichlorophenol	ND < 20
2-Chloronaphthalene	ND < 20
2-Nitroaniline	ND < 20
Acenaphthylene	ND < 0.30
Dimethylphthalate	ND < 20
2,6-Dinitrotoluene	ND < 75
4-Nitroaniline	ND < 20

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/l Matrix: SPLP Ext.

Client ID	GA6 8-10
Acenaphthene	ND < 1.0
2,4-Dinitrophenol	ND < 20
2,4-Dinitrotoluene	ND < 75
4-Nitrophenol	ND < 75
Dibenzofuran	ND < 1.0
2,3,4,6-Tetrachlorophenol	ND < 20
Fluorene	ND < 1.0
4-Chlorophenyl-phenylether	ND < 20
Diethylphthalate	ND < 20
3-Nitroaniline	ND < 20
4,6-Dinitro-2-methylphenol	ND < 20
n-Nitrosodiphenylamine	ND < 20
Azobenzene	ND < 20
4-Bromophenyl-phenylether	ND < 20
Hexachlorobenzene	ND < 0.077
Pentachlorophenol	ND < 1.0
Phenanthrene	0.28
Anthracene	ND < 1.0
Carbazole	ND < 1.0
Di-n-butylphthalate	ND < 20
Fluoranthene	ND < 1.0
Pyrene	ND < 1.0
Butylbenzylphthalate	ND < 20
3,3-Dichlorobenzidine	ND < 75
Benzo[a]anthracene	ND < 0.06
Chrysene	ND < 1.0
bis(2-Ethylhexyl)phthalate	ND < 2.0
Di-n-octylphthalate	ND < 20
Benzo[b]fluoranthene	ND < 0.08
Benzo[k]fluoranthene	ND < 0.30
Benzo[a]pyrene	ND < 0.20
Indeno[1,2,3-cd]pyrene	ND < 0.20
Dibenz[a,h]anthracene	ND < 0.20
Benzo[g,h,i]perylene	ND < 1.0
2-Fluorophenol (Surr) 15-110	38
Phenol-d5 (Surr) 15-110	23
Nitrobenzene-d5(Surr) 30-130	65
2-Fluorobiphenyl (Surr) 30-130	68
2,4,6-Tribromophenol (Surr) 15-110	79
Terphenyl-d14 (Surr) 30-130	110

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/8/2010
Dilution	1.0
Pyridine	ND < 316
n-Nitroso-dimethylamine	ND < 316
bis(2-Chloroethyl)ether	ND < 316
Phenol	ND < 316
Aniline	ND < 316
2-Chlorophenol	ND < 316
1,3-Dichlorobenzene	ND < 316
1,4-Dichlorobenzene	ND < 316
Benzyl Alcohol	ND < 316
1,2-Dichlorobenzene	ND < 316
bis(2-chloroisopropyl)ether	ND < 316
Hexachloroethane	ND < 316
N-Nitroso-di-n-propylamine	ND < 316
2-Methyl Phenol	ND < 316
3+4 Methyl Phenol	ND < 316
Nitrobenzene	ND < 316
Isophorone	ND < 316
2-Nitrophenol	ND < 316
2,4-Dimethylphenol	ND < 316
bis(2-Chloroethoxy)methane	ND < 316
Benzoic Acid	ND < 316
2,4-Dichlorophenol	ND < 316
1,2,4-Trichlorobenzene	ND < 316
Naphthalene	ND < 316
2,6-Dichlorophenol	ND < 316
4-Chloroaniline	ND < 316
Hexachlorobutadiene	ND < 316
4-Chloro-3-methylphenol	ND < 316
2-Methyl Naphthalene	ND < 316
Hexachlorocyclopentadiene	ND < 316
2,4,6-Trichlorophenol	ND < 316
2,4,5-Trichlorophenol	ND < 316
2-Chloronaphthalene	ND < 316
2-Nitroaniline	ND < 316
Acenaphthylene	ND < 316
Dimethylphthalate	ND < 316
2,6-Dinitrotoluene	ND < 316
4-Nitroaniline	ND < 316
Acenaphthene	ND < 316
2,4-Dinitrophenol	ND < 316
2,4-Dinitrotoluene	ND < 316
4-Nitrophenol	ND < 316
Dibenzofuran	ND < 316
2,3,4,6-Tetrachlorophenol	ND < 316
Fluorene	ND < 316
4-Chlorophenyl-phenylether	ND < 316
Diethylphthalate	430
3-Nitroaniline	ND < 316
4,6-Dinitro-2-methylphenol	ND < 316

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA6 8-10
n-Nitrosodiphenylamine	ND < 316
Azobenzene	ND < 316
4-Bromophenyl-phenylether	ND < 316
Hexachlorobenzene	ND < 316
Pentachlorophenol	ND < 316
Phenanthrene	ND < 316
Anthracene	ND < 316
Carbazole	ND < 316
Di-n-butylphthalate	ND < 316
Fluoranthene	ND < 316
Pyrene	ND < 316
Butylbenzylphthalate	ND < 316
3,3-Dichlorobenzidine	ND < 316
Benzo[a]anthracene	ND < 316
Chrysene	ND < 316
bis(2-Ethylhexyl)phthalate	ND < 316
Di-n-octylphthalate	ND < 316
Benzo[b]fluoranthene	ND < 316
Benzo[k]fluoranthene	ND < 316
Benzo[a]pyrene	ND < 316
Indeno[1,2,3-cd]pyrene	ND < 316
Dibenz[a,h]anthracene	ND < 316
Benzo[g,h,i]perylene	ND < 316
2-Fluorophenol (Surr) 30-130	65.8
Phenol-d5 (Surr) 30-130	64.8
Nitrobenzene-d5(Surr) 30-130	66.3
2-Fluorobiphenyl (Surr) 30-130	73.8
2,4,6-Tribromophenol (Surr) 30-130	67.5
Terphenyl-d14 (Surr) 30-130	87.9

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/8/2010
Dilution	1.0
ETPH	ND < 53
Octacosane (surr) 50-150	90.5

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA6 8-10
CET ID	AE55583
Date Analyzed	11/9/2010
Dilution	0.9
Dichlorodifluoromethane	ND < 7.0
Chloromethane	ND < 5.0
Vinyl Chloride	ND < 3.0
Bromomethane	ND < 5.0
Chloroethane	ND < 5.0
Acetone	ND < 69
Acrylonitrile	ND < 4.0
Trichlorofluoromethane	ND < 7.0
Trichlorotrifluoroethane	ND < 14
1,1-Dichloroethene	ND < 3.0
Methylene Chloride	ND < 23
Carbon Disulfide	ND < 5.0
Methyl-t-Butyl Ether (MTBE)	ND < 3.0
trans-1,2-Dichloroethene	ND < 3.0
1,1-Dichloroethane	ND < 3.0
2-Butanone (MEK)	ND < 12
2,2-Dichloropropane	ND < 3.0
cis-1,2-Dichloroethene	ND < 3.0
Chloroform	ND < 3.0
Tetrahydrofuran	ND < 12
1,1,1-Trichloroethane	ND < 3.0
Carbon Tetrachloride	ND < 3.0
1,1-Dichloropropene	ND < 3.0
Benzene	ND < 3.0
1,2-Dichloroethane	ND < 3.0
Methyl Isobutyl Ketone	ND < 12
Trichloroethene	ND < 3.0
1,2-Dichloropropane	ND < 3.0
Dibromomethane	ND < 3.0
Bromodichloromethane	ND < 3.0
2-Hexanone	ND < 12
cis-1,3-Dichloropropene	ND < 3.0
Toluene	ND < 3.0
trans-1,3-Dichloropropene	ND < 3.0
1,1,2-Trichloroethane	ND < 3.0
Tetrachloroethene	ND < 3.0
1,3-Dichloropropane	ND < 3.0
Dibromochloromethane	ND < 3.0
1,2-Dibromoethane	ND < 3.0
trans-1,4-Dichloro-2-Butene	ND < 12
Chlorobenzene	ND < 3.0
1,1,1,2-Tetrachloroethane	ND < 3.0
Ethylbenzene	ND < 3.0
m+p Xylenes	ND < 3.0
o-Xylene	ND < 3.0
Styrene	ND < 3.0
Bromoform	ND < 3.0
Isopropylbenzene	ND < 3.0
1,1,2,2-Tetrachloroethane	ND < 3.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA6 8-10
Bromobenzene	ND < 3.0
1,2,3-Trichloropropane	ND < 3.0
n-Propylbenzene	ND < 3.0
2-Chlorotoluene	ND < 3.0
4-Chlorotoluene	ND < 3.0
1,3,5-Trimethylbenzene	ND < 3.0
tert-Butylbenzene	ND < 3.0
1,2,4-Trimethylbenzene	ND < 3.0
sec-Butylbenzene	ND < 3.0
1,3-Dichlorobenzene	ND < 3.0
4-Isopropyltoluene	ND < 3.0
1,4-Dichlorobenzene	ND < 3.0
1,2-Dichlorobenzene	ND < 3.0
n-Butylbenzene	ND < 3.0
1,2-Dibromo-3-Chloropropane	ND < 3.0
1,2,4-Trichlorobenzene	ND < 3.0
Hexachlorobutadiene	ND < 3.0
Naphthalene	ND < 3.0
1,2,3-Trichlorobenzene	ND < 3.0
1,2 Dichloroethane-d4 (SURR) 70-130	113
toluene-d8 (SURR) 70-130	99.4
4-bromofluorobenzene (SURR) 70-130	93.3

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

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CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:
Date and Time in Freezer
Client: [redacted]

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	TOTAL ARSENIC	SPLP LEAD	SPLP ARSENIC	SPLP 8270	PH	TOTAL SOLIDS			TOTAL # OF CONT.	NOTE #
GA6 (8-10)	11/8/2010	SOIL		X			X						XX												X	X	X	X	X	X	X			5	

PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)
Soil VOCs Only (M=MeOH, B= Sodium Bisulfate, W=Water, F= Empty Vial, E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Eggers	11-8-10 @ 1058	[signature]
[signature]	11/8/10 1123	[signature]

NOTES: copy results to Al Kovalik, AKOVALIK@GeoDesign.net

Client / Reporting Information

Company Name: GeoDesign Inc.
Address: 984 SOUTHFORD Rd.
City: MIDDLEBURY State: CT Zip: 06762
Report To: Chris Eggers E-mail: CEGGERS@GeoDesign.net
Phone #: 203-758-8836 x 114 Fax #: 203-758-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1
Project: PARCEL C-SOUTH Project #: 3101-4.1
Location: NAUGATUCK, CT Collector(s): CGE
QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: or N
Temp Upon Receipt: 6.6 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE55583 ***Sampling Date(s):*** 11/8/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10110205

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☐Yes ☒ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 11/12/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10110205

Blank/LCS Report

QA Type: Conn. Extractable TPH Date Analyzed: 11/8/2010 Batch ID: 69963

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	84	60-120

All associated samples: AE55583

QA Type: Volatile Organics Date Analyzed: 11/8/2010 Batch ID: 69965

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	162 H	70-130
Chloromethane	ND<2.7	131 H	70-130
Vinyl Chloride	ND<1.6	101	70-130
Bromomethane	ND<5.0	124	70-130
Chloroethane	ND<5.0	154 H	70-130
Acetone	ND<50	106	70-130
Acrylonitrile	ND<20	96	70-130
Trichlorofluoromethane	ND<25	98	70-130
Trichlorotrifluoroethane	ND<25	95	70-130
1,1-Dichloroethene	ND<1.0	100	70-130
Methylene Chloride	ND<5.0	98	70-130
Carbon Disulfide	ND<5.0	86	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	100	70-130
trans-1,2-Dichloroethene	ND<1.0	93	70-130
1,1-Dichloroethane	ND<1.0	87	70-130
2-Butanone (MEK)	ND<25	93	70-130
2,2-Dichloropropane	ND<1.0	89	70-130
cis-1,2-Dichloroethene	ND<1.0	95	70-130
Chloroform	ND<1.0	93	70-130
Tetrahydrofuran	ND<5.0	83	70-130
1,1,1-Trichloroethane	ND<1.0	83	70-130
Carbon Tetrachloride	ND<1.0	86	70-130
1,1-Dichloropropene	ND<1.0	94	70-130
Benzene	ND<1.0	94	70-130
1,2-Dichloroethane	ND<1.0	99	70-130
Methyl Isobutyl Ketone	ND<25	92	70-130

Project: Parcel C South, Naugatuck
Cet#: 10110205

QA Type: Volatile Organics Date Analyzed: 11/8/2010 Batch ID: 69965

Analyte	Blank	LCS%Rec	LCS CL
Trichloroethene	ND<1.0	90	70-130
1,2-Dichloropropane	ND<1.0	91	70-130
Dibromomethane	ND<1.0	92	70-130
Bromodichloromethane	ND<0.5	93	70-130
2-Hexanone	ND<25	94	70-130
cis-1,3-Dichloropropene	ND<0.5	93	70-130
Toluene	ND<1.0	95	70-130
trans-1,3-Dichloropropene	ND<0.5	95	70-130
1,1,2-Trichloroethane	ND<1.0	91	70-130
Tetrachloroethene	ND<1.0	90	70-130
1,3-Dichloropropane	ND<1.0	90	70-130
Dibromochloromethane	ND<0.5	91	70-130
1,2-Dibromoethane	ND<0.5	89	70-130
Chlorobenzene	ND<1.0	96	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	94	70-130
Ethylbenzene	ND<1.0	96	70-130
m+p Xylenes	ND<1.0	94	70-130
o-Xylene	ND<1.0	91	70-130
Styrene	ND<1.0	90	70-130
Bromoform	ND<1.0	86	70-130
Isopropylbenzene	ND<1.0	86	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	85	70-130
Bromobenzene	ND<1.0	91	70-130
1,2,3-Trichloropropane	ND<1.0	88	70-130
n-Propylbenzene	ND<1.0	89	70-130
2-Chlorotoluene	ND<1.0	88	70-130
4-Chlorotoluene	ND<1.0	92	70-130
1,3,5-Trimethylbenzene	ND<1.0	89	70-130
tert-Butylbenzene	ND<1.0	86	70-130
1,2,4-Trimethylbenzene	ND<1.0	88	70-130
sec-Butylbenzene	ND<1.0	88	70-130
1,3-Dichlorobenzene	ND<1.0	86	70-130
4-Isopropyltoluene	ND<1.0	88	70-130
1,4-Dichlorobenzene	ND<1.0	86	70-130
1,2-Dichlorobenzene	ND<1.0	84	70-130
n-Butylbenzene	ND<1.0	87	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	83	70-130
1,2,4-Trichlorobenzene	ND<1.0	77	70-130
Hexachlorobutadiene	ND<0.45	73	70-130
Naphthalene	ND<1.0	85	70-130
1,2,3-Trichlorobenzene	ND<1.0	77	70-130

All associated samples: AE55583

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/9/2010 Batch ID: 69969

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<4.0	28 L	30-130
n-Nitroso-dimethylamine	ND<20	32 L	40-140
bis(2-Chloroethyl)ether	ND<10	52	40-140
Phenol	ND<20	25 L	30-130
Aniline	ND<20	50	30-130
2-Chlorophenol	ND<20	48	30-130
1,3-Dichlorobenzene	ND<5.0	48	40-140
1,4-Dichlorobenzene	ND<5.0	48	40-140

Project: Parcel C South, Naugatuck
Cet#: 10110205

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/9/2010 Batch ID: 69969

Analyte	Blank	LCS%Rec	LCS CL
Benzyl Alcohol	ND<20	50	30-130
1,2-Dichlorobenzene	ND<5.0	48	40-140
bis(2-chloroisopropyl)ether	ND<10	45	40-140
Hexachloroethane	ND<3.0	48	40-140
N-Nitroso-di-n-propylamine	ND<10	58	40-140
2-Methyl Phenol	ND<20	48	30-130
3+4 Methyl Phenol	ND<20	42	30-130
Nitrobenzene	ND<20	58	40-140
Isophorone	ND<20	65	40-140
2-Nitrophenol	ND<20	55	30-130
2,4-Dimethylphenol	ND<20	52	30-130
bis(2-Chloroethoxy)methane	ND<20	62	40-140
2,4-Dichlorophenol	ND<20	58	30-130
1,2,4-Trichlorobenzene	ND<5.0	58	40-140
Naphthalene	ND<1.0	52	40-140
4-Chloroaniline	ND<20	68	30-130
Hexachlorobutadiene	ND<20	55	40-140
4-Chloro-3-methylphenol	ND<20	65	30-130
2-Methyl Naphthalene	ND<1.0	55	40-140
Hexachlorocyclopentadiene	ND<20	58	40-140
2,4,6-Trichlorophenol	ND<20	68	30-130
2,4,5-Trichlorophenol	ND<20	70	30-130
2-Chloronaphthalene	ND<20	58	40-140
2-Nitroaniline	ND<20	70	30-130
Acenaphthylene	ND<0.30	60	40-140
Dimethylphthalate	ND<20	75	40-140
2,6-Dinitrotoluene	ND<75	80	40-140
4-Nitroaniline	ND<20	62	30-130
Acenaphthene	ND<1.0	65	40-140
2,4-Dinitrophenol	ND<20	38	30-130
2,4-Dinitrotoluene	ND<75	75	40-140
4-Nitrophenol	ND<75	28 L	30-130
Dibenzofuran	ND<1.0	65	40-140
Fluorene	ND<1.0	72	40-140
4-Chlorophenyl-phenylether	ND<20	72	40-140
Diethylphthalate	ND<20	78	40-140
3-Nitroaniline	ND<20	122	30-130
4,6-Dinitro-2-methylphenol	ND<20	52	30-130
n-Nitrosodiphenylamine	ND<20	85	40-140
4-Bromophenyl-phenylether	ND<20	75	40-140
Hexachlorobenzene	ND<0.077	75	40-140
Pentachlorophenol	ND<1.0	75	30-130
Phenanthrene	ND<0.077	75	40-140
Anthracene	ND<1.0	72	40-140
Di-n-butylphthalate	ND<20	82	40-140
Fluoranthene	ND<1.0	78	40-140
Pyrene	ND<1.0	78	40-140
Butylbenzylphthalate	ND<20	92	40-140
Benzo[a]anthracene	ND<0.06	82	40-140
Chrysene	ND<1.0	85	40-140
bis(2-Ethylhexyl)phthalate	ND<2.0	88	40-140
Di-n-octylphthalate	ND<20	98	30-130
Benzo[b]fluoranthene	ND<0.08	100	40-140

Project: Parcel C South, Naugatuck
Cet#: 10110205

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/9/2010 Batch ID: 69969

Analyte	Blank	LCS%Rec	LCS CL
Benzo[k]fluoranthene	ND<0.30	105	40-140
Benzo[a]pyrene	ND<0.20	92	40-140
Indeno[1,2,3-cd]pyrene	ND<0.20	82	40-140
Dibenz[a,h]anthracene	ND<0.20	85	40-140
Benzo[g,h,i]perylene	ND<1.0	78	40-140

All associated samples: AE55583

QA Type: SPLP Metals Date Analyzed: 11/9/2010 Batch ID: 69982

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	98	80-120
Arsenic	ND<0.009	99	80-120

All associated samples: AE55583

QA Type: Total Metals Date Analyzed: 11/10/2010 Batch ID: 69983

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	96	80-120
Arsenic	ND<1.0	93	80-120

All associated samples: AE55583

Project: Parcel C South, Naugatuck
Cet#: 10110205

Matrix Spike Report

QA Type: SPLP Metals Date Analyzed: 11/9/2010 Sample ID: AE55583 Client ID: GA6 8-10

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.20	101	100	75-125	1.00	20
Arsenic	ND<0.009	0.20	99	100	75-125	0.50	20

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration VOC			
Chloromethane	69965	36 H	20
Vinyl Chloride	69965	26 H	20
Bromomethane	69965	34 H	20
Methylene Chloride	69965	21 H	20
2,2-Dichloropropane	69965	25 H	20
Tetrahydrofuran	69965	21 H	20
All associated samples: AE55583			
Initial Calibration SVOC			
4-Chloroaniline	69969	21 H	20
4-Nitroaniline	69969	49 H	20
2,4-Dinitrophenol	69969	65 H	20
4-Nitrophenol	69969	22 H	20
3-Nitroaniline	69969	56 H	20
4,6-Dinitro-2-methylphenol	69969	37 H	20
Pentachlorophenol	69969	30 H	20
Dibenz[a,h]anthracene	69969	26 H	20
All associated samples: AE55583			

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Volatile Organics Cont Cal				
Dichlorodifluoromethane	69965	90 H	35-65	11/8/2010
Chloromethane	69965	68 H	35-65	11/8/2010
Bromomethane	69965	73 H	35-65	11/8/2010
Chloroethane	69965	85 H	35-65	11/8/2010
All associated samples: AE55583				
Semi-Vol Cont Cal				
2,4-Dinitrophenol	69969	27 L	35-65	11/9/2010
All associated samples: AE55583				

QC Batch Report

Conn. Extractable TPH Batch 69963

CET ID	Client Sample ID	Matrix	Collection Date
AE55583	GA6 8-10	Soil	11/8/2010

Volatile Organics Batch 69965

CET ID	Client Sample ID	Matrix	Collection Date
AE55583	GA6 8-10	Soil	11/8/2010

EPA 8270C Semi-Volatile Organics Batch 69969

CET ID	Client Sample ID	Matrix	Collection Date
AE55583	GA6 8-10	Soil	11/8/2010

SPLP Metals Batch 69982

CET ID	Client Sample ID	Matrix	Collection Date
AE55583	GA6 8-10	Soil	11/8/2010

Total Metals Batch 69983

CET ID	Client Sample ID	Matrix	Collection Date
AE55583	GA6 8-10	Soil	11/8/2010

Narrative

3. The samples were not received at appropriate temperature the temperature was 6.6 degrees and there was evidence of cooling.

4. Dichlorodifluoromethane LCS recovery high (162%) for batch 69965.
   Chloromethane LCS recovery high (131%) for batch 69965.
   Chloroethane LCS recovery high (154%) for batch 69965.
   Pyridine LCS recovery low (28%) for batch 69969.
   n-Nitroso-dimethylamine LCS recovery low (32%) for batch 69969.
   Phenol LCS recovery low (25%) for batch 69969.
   4-Nitrophenol LCS recovery low (28%) for batch 69969.
   Chloromethane Initial Cal % RSD high(36%) for batch 69965.
   Vinyl Chloride Initial Cal % RSD high(26%) for batch 69965.
   Bromomethane Initial Cal % RSD high(34%) for batch 69965.
   Methylene Chloride Initial Cal % RSD high(21%) for batch 69965.
   2,2-Dichloropropane Initial Cal % RSD high(25%) for batch 69965.
   Tetrahydrofuran Initial Cal % RSD high(21%) for batch 69965.
   4-Chloroaniline Initial Cal % RSD high(21%) for batch 69969.
   4-Nitroaniline Initial Cal % RSD high(49%) for batch 69969.
   2,4-Dinitrophenol Initial Cal % RSD high(65%) for batch 69969.
   4-Nitrophenol Initial Cal % RSD high(22%) for batch 69969.
   3-Nitroaniline Initial Cal % RSD high(56%) for batch 69969.
   4,6-Dinitro-2-methylphenol Initial Cal % RSD high(37%) for batch 69969.
   Pentachlorophenol Initial Cal % RSD high(30%) for batch 69969.
   Dibenz[a,h]anthracene Initial Cal % RSD high(26%) for batch 69969.
   Dichlorodifluoromethane CC high for batch 69965.
   Chloromethane CC high for batch 69965.
   Bromomethane CC high for batch 69965.
   Chloroethane CC high for batch 69965.
   2,4-Dinitrophenol CC low for batch 69969.

6. The client requested a subset of the RCP metals list.

Project: Parcel C South, Naugatuck
Cet#: 10110205

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: TOTAL LEAD, TOTAL ARSENIC, SPLP LEAD, SPLP ARSENIC, SPLP 8270, pH, TOTAL SOLIDS

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	TOTAL ARSENIC	SPLP LEAD	SPLP ARSENIC	SPLP 8270	pH	TOTAL SOLIDS			TOTAL # OF CONT.	NOTE #
GAG (8-10)	11/8/2010	SOIL		X			X						X	X											X	X	X	X	X	X	X			5	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Eggers	11-5-10 @ 1058	[illegible]
[illegible]	11/8/10 1123	[illegible]

NOTES: copy results to Al Kovalik, AKOVALIK@GeoDesign.net

Client / Reporting Information

Company Name: GeoDesign Inc.

Address: 984 SOUTHFORD Rd.

City: MIDDLEBURY State: CT Zip: 06762

Report To: Chris Eggers E-mail: CEGGERS@GeoDesign.net

Phone #: 203-758-8836 x 114 Fax #: 203-758-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1

Project: PARCEL C-SOUTH Project #: 3101-4.1

Location: NAUGATUCK CT Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☑ RCP Pkg *

Data Report: ☑ Email ☑ PDF ☑ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 6.60 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

GeoDesign Inc.
984 Southford Road
Middlebury CT, 06762
Attention: Al Kovalik

Report Date: 11/08/2010
Client Project ID: Parcel C-South 3101-4.1
York Project (SDG) No.: 10K0074

Report Date: 11/08/2010
Client Project ID: Parcel C-South 3101-4.1
York Project (SDG) No.: 10K0074

GeoDesign Inc.
984 Southford Road
Middlebury CT, 06762
Attention: Al Kovalik

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 02, 2010 and listed below. The project was identified as your project: **Parcel C-South 3101-4.1**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
10K0074-01	GD-Pile A-2	Soil	11/01/2010	11/02/2010

General Notes for York Project (SDG) No.: 10K0074

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: Robert Q. Bradley **Date:** 11/08/2010

Robert Q. Bradley
Managing Director

YORK

Sample Information

Client Sample ID: GD-Pile A-2 **York Sample ID:** 10K0074-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10K0074	Parcel C-South 3101-4.1	Soil	November 1, 2010 3:00 pm	11/02/2010

Volatile Organics, CT RCP List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	0.67	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.2	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	0.70	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	0.74	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	0.75	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	0.85	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.6	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.53	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.46	11	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.4	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	0.59	11	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	0.65	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.6	11	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	0.84	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	0.73	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	0.80	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.27	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.46	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	0.58	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	0.85	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	0.84	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.2	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.2	11	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	0.60	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
591-78-6	2-Hexanone	ND		ug/kg dry	1.1	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	0.60	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	0.92	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
67-64-1	**Acetone**	**69**		ug/kg dry	3.8	11	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	1.7	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
71-43-2	Benzene	ND		ug/kg dry	0.59	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
108-86-1	Bromobenzene	ND		ug/kg dry	0.75	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.6	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	0.76	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
75-25-2	Bromoform	ND		ug/kg dry	0.71	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS

Sample Information

Client Sample ID: GD-Pile A-2 **York Sample ID:** 10K0074-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10K0074	Parcel C-South 3101-4.1	Soil	November 1, 2010 3:00 pm	11/02/2010

Volatile Organics, CT RCP List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	1.5	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	0.79	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.3	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.43	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
75-00-3	Chloroethane	ND		ug/kg dry	0.94	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
67-66-3	Chloroform	ND		ug/kg dry	0.44	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
74-87-3	Chloromethane	ND		ug/kg dry	1.1	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.2	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.43	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	0.83	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
74-95-3	Dibromomethane	ND		ug/kg dry	1.6	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.0	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.43	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.53	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.48	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
108-10-1	Methyl isobutyl ketone	ND		ug/kg dry	0.92	11	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
80-62-6	Methyl Methacrylate	ND		ug/kg dry	0.55	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.47	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
75-09-2	Methylene chloride	ND		ug/kg dry	1.3	11	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
91-20-3	Naphthalene	ND		ug/kg dry	0.62	11	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.39	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	0.71	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
95-47-6	o-Xylene	ND		ug/kg dry	0.62	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	0.68	11	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.31	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	0.64	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
100-42-5	Styrene	ND		ug/kg dry	0.53	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	0.57	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	0.64	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
109-99-9	Tetrahydrofuran	ND		ug/kg dry	1.6	11	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
108-88-3	Toluene	ND		ug/kg dry	0.28	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	0.80	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	0.84	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/kg dry	0.26	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	0.70	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS

Sample Information

Client Sample ID: GD-Pile A-2 **York Sample ID:** 10K0074-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10K0074	Parcel C-South 3101-4.1	Soil	November 1, 2010 3:00 pm	11/02/2010

Volatile Organics, CT RCP List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.1	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.2	5.7	1	EPA SW846-8260B	11/03/2010 11:22	11/03/2010 15:31	SS

Semi-Volatiles, CT RCP BNA List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-tetrachlorobenzene	ND		ug/kg dry	104	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	83.2	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
90-12-0	1-Methylnaphthalene	ND		ug/kg dry	76.3	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	93.1	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	37.7	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	54.9	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	90.6	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	275	571	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	58.1	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	70.0	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	98.8	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
95-57-8	2-Chlorophenol	ND		ug/kg dry	65.2	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	105	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
95-48-7	2-Methylphenol	ND		ug/kg dry	91.2	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
88-74-4	2-Nitroaniline	ND		ug/kg dry	106	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
88-75-5	2-Nitrophenol	ND		ug/kg dry	70.0	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	65.2	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
99-09-2	3-Nitroaniline	ND		ug/kg dry	106	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	354	571	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.7	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.3	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
106-47-8	4-Chloroaniline	ND		ug/kg dry	73.6	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.6	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
100-01-6	4-Methylphenol	ND		ug/kg dry	57.2	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
100-02-7	4-Nitroaniline	ND		ug/kg dry	58.9	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
56-57-5	4-Nitrophenol	ND		ug/kg dry	73.6	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
83-32-9	Acenaphthene	ND		ug/kg dry	70.1	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
208-96-8	Acenaphthylene	ND		ug/kg dry	64.6	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
62-53-3	Aniline	ND		ug/kg dry	63.0	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD

Sample Information

Client Sample ID: GD-Pile A-2 **York Sample ID:** 10K0074-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10K0074	Parcel C-South 3101-4.1	Soil	November 1, 2010 3:00 pm	11/02/2010

Semi-Volatiles, CT RCP BNA List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/kg dry	66.0	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
56-55-3	**Benzo(a)anthracene**	**818**		ug/kg dry	69.0	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
50-32-8	**Benzo(a)pyrene**	**1180**		ug/kg dry	43.7	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
205-99-2	**Benzo(b)fluoranthene**	**724**		ug/kg dry	144	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
191-24-2	**Benzo(g,h,i)perylene**	**400**		ug/kg dry	47.7	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
207-08-9	**Benzo(k)fluoranthene**	**799**		ug/kg dry	20.5	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	56.8	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	85.6	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	63.2	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	68.8	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	101	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
218-01-9	**Chrysene**	**995**		ug/kg dry	31.0	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	56.8	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
132-64-9	Dibenzofuran	ND		ug/kg dry	85.6	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
84-66-2	Diethyl phthalate	ND		ug/kg dry	63.2	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	63.2	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	68.8	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	101	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
206-44-0	**Fluoranthene**	**2010**		ug/kg dry	56.8	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
86-73-7	Fluorene	ND		ug/kg dry	85.6	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	63.2	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	68.8	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	79.3	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
67-72-1	Hexachloroethane	ND		ug/kg dry	70.1	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
193-39-5	**Indeno(1,2,3-cd)pyrene**	**389**		ug/kg dry	63.7	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
78-59-1	Isophorone	ND		ug/kg dry	63.0	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
91-20-3	Naphthalene	ND		ug/kg dry	70.1	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
98-95-3	Nitrobenzene	ND		ug/kg dry	64.6	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	66.0	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	83.4	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
82-68-8	Pentachloronitrobenzene	ND		ug/kg dry	75.1	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
87-86-5	Pentachlorophenol	ND		ug/kg dry	54.8	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
85-01-8	**Phenanthrene**	**1040**		ug/kg dry	63.2	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
108-95-2	Phenol	ND		ug/kg dry	68.8	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD
129-00-0	**Pyrene**	**1750**		ug/kg dry	77.5	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD

Sample Information

Client Sample ID: GD-Pile A-2 **York Sample ID:** 10K0074-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10K0074	Parcel C-South 3101-4.1	Soil	November 1, 2010 3:00 pm	11/02/2010

Semi-Volatiles, CT RCP BNA List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	75.8	285	1	EPA SW-846 8270C	11/02/2010 16:14	11/03/2010 12:09	TD

Semi-Volatiles, SPLP CT RCP Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-tetrachlorobenzene	ND		ug/L	0.354	0.556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.46	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
90-12-0	1-Methylnaphthalene	ND		ug/L	74.3	278	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	4.01	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.64	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.43	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
105-67-9	2,4-Dimethylphenol	ND		ug/L	4.09	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
51-28-5	2,4-Dinitrophenol	ND		ug/L	10.7	11.1	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.90	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
91-58-7	2-Chloronaphthalene	ND		ug/L	3.88	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
95-57-8	2-Chlorophenol	ND		ug/L	3.80	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
91-57-6	2-Methylnaphthalene	ND		ug/L	3.42	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
95-48-7	2-Methylphenol	ND		ug/L	0.952	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
88-74-4	2-Nitroaniline	ND		ug/L	3.34	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
88-75-5	2-Nitrophenol	ND		ug/L	3.45	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	3.90	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
99-09-2	3-Nitroaniline	ND		ug/L	1.77	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	7.44	11.1	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.83	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	4.03	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
106-47-8	4-Chloroaniline	ND		ug/L	4.16	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.47	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
100-01-6	4-Methylphenol	ND		ug/L	4.13	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
100-02-7	4-Nitroaniline	ND		ug/L	4.19	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
56-57-5	4-Nitrophenol	ND		ug/L	4.38	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
83-32-9	Acenaphthene	ND		ug/L	0.0360	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
208-96-8	Acenaphthylene	ND		ug/L	0.0475	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
62-53-3	Aniline	ND		ug/L	2.18	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
120-12-7	Anthracene	ND		ug/L	0.0511	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD

Sample Information

Client Sample ID: GD-Pile A-2 **York Sample ID:** 10K0074-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10K0074	Parcel C-South 3101-4.1	Soil	November 1, 2010 3:00 pm	11/02/2010

Semi-Volatiles, SPLP CT RCP Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0452	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0539	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0458	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0461	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0384	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.39	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	4.58	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	4.61	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.286	0.556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
218-01-9	Chrysene	ND		ug/L	0.0461	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0344	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
132-64-9	Dibenzofuran	ND		ug/L	3.22	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
84-66-2	Diethyl phthalate	ND		ug/L	2.44	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
131-11-3	Dimethyl phthalate	ND		ug/L	5.39	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
84-74-2	Di-n-butyl phthalate	ND		ug/L	4.58	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
117-84-0	Di-n-octyl phthalate	ND		ug/L	4.61	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
206-44-0	Fluoranthene	ND		ug/L	0.0177	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
86-73-7	Fluorene	ND		ug/L	0.0359	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
118-74-1	Hexachlorobenzene	ND		ug/L	0.0328	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
87-68-3	Hexachlorobutadiene	ND		ug/L	3.68	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.83	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
67-72-1	Hexachloroethane	ND		ug/L	0.403	0.556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0305	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
78-59-1	Isophorone	ND		ug/L	3.58	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
91-20-3	Naphthalene	ND		ug/L	4.29	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
98-95-3	Nitrobenzene	ND		ug/L	2.18	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	4.02	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
82-68-8	Pentachloronitrobenzene	ND		ug/L	0.0938	0.111	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
87-86-5	Pentachlorophenol	ND		ug/L	0.418	0.556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
85-01-8	Phenanthrene	ND		ug/L	0.0402	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
108-95-2	Phenol	ND		ug/L	3.64	5.56	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
129-00-0	Pyrene	ND		ug/L	0.0267	0.0556	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD
110-86-1	Pyridine	ND		ug/L	0.0354	0.111	1	EPA SW-846 8270C	11/05/2010 08:37	11/05/2010 14:21	TD

YORK
ANALYTICAL LABORATORIES, INC.

Sample Information

Client Sample ID: GD-Pile A-2 **York Sample ID:** 10K0074-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
10K0074	Parcel C-South 3101-4.1	Soil	November 1, 2010 3:00 pm	11/02/2010

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	ETPH (Extractable Total Petroleum Hydrocarbons)	58.3		mg/kg dry	2.43	11.4	1	CT DEP ETPH	11/02/2010 16:06	11/04/2010 13:03	SR

Arsenic by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.20		mg/kg dry	0.217	0.571	1	EPA SW846-6010B	11/03/2010 09:33	11/03/2010 14:17	MW

Lead by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	236		mg/kg dry	0.114	0.342	1	EPA SW846-6010B	11/03/2010 09:33	11/03/2010 14:17	MW

Arsenic, SPLP by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	0.0281		mg/L	0.00130	0.0100	1	EPA SW846-6010B	11/03/2010 10:02	11/03/2010 14:17	MW

Lead, SPLP by EPA 6010

Log-in Notes: Sample Notes:

Sample Prepared by Method: EPA SW 846-3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	2.07		mg/L	0.00120	0.00300	1	EPA SW846-6010B	11/03/2010 10:02	11/03/2010 14:17	MW

Total Solids

Log-in Notes: Sample Notes:

Sample Prepared by Method: % Solids

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	% Solids	87.6		%	0.100	0.100	1	SM 2540G	11/04/2010 13:01	11/04/2010 13:01	MZ

pH

Log-in Notes: Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.67		pH Units		0.500	1	EPA SW846-9045D	11/04/2010 14:45	11/04/2010 11:38	MZ

Notes and Definitions

S-BN	Base/Neutral surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two base/neutral surrogates.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

Corrective Action:

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 10K0074

YOUR Information	Report To:	Invoice To:
Company: GeoDesign, Inc.	Company: SAME	Company: SAME
Address: 984 South Ford Rd. Middlebury, CT	Address:	Address:
Phone No. 203-758-8836	Phone No.	Phone No.
Contact Person: Al Kovalik	Attention:	Attention:
E-Mail Address: Akovalik@geodesign.net	E-Mail Address:	E-Mail Address:

YOUR Project ID: PARCEL C-SOUTH 3101-4.1

Purchase Order No.: 3101-4.1

Samples from: CT___ NY___ NJ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☒
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☐

Report Type/Deliverables
- Summary Report ___
- Summary w/ QA Summary ___
- CT RCP Package ___
- NY ASP A Package ___
- NY ASP B Package ___
- *Electronic Deliverables:*
- EDD (Specify Type) ___
- Excel ___

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the clock will not start until any questions by York are resolved.

Samples Collected/Authorized By (Signature): Chris Eggers

Name (printed): Chris Eggers

Matrix Codes
- S - soil
- Other - specify(oil, etc.)
- WW - wastewater
- GW - groundwater
- DW - drinking water
- Air-A - ambient air
- Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point	Tot.Nitrogen	Cyanide-A
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica	MBAS	TPH-1664

Special Instructions
- Field Filtered ☐
- Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GD-PILE A-2	11/1/2010	SOIL	8260, CT ETPH, 8270 TOTAL LEAD, TOTAL	3 VOAs
			ARSENIC, PH, SPLP LEAD & ARSENIC,	1 - 8oz
			TOTAL SOLID, SPLP 8270	1 - 2oz

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc___ Ascorbic Acid___ Other___

Comments

Samples Relinquished By: Chris Eggers — Date/Time: 11/2/2010 1024

Samples Received By: [signature] — Date/Time: 11-2-10 1024 Am

Samples Relinquished By: ___ — Date/Time: ___

Samples Received in LAB by: [signature] — Date/Time: 11/2/10 1510

Temperature on Receipt: 4.3 °C

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

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York Project No. _____

YOUR Information

Company: GeoDesign, Inc.
Address: 984 South Ford Rd.
Middlebury, CT
Phone No. 203-758-8836
Contact Person: Al Kovalik
E-Mail Address: Akovalik@geodesign.net

Report To:

Company: SAME
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company: SAME
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

PARCEL C-SOUTH
3101-4.1

Purchase Order No.

3101-4.1

Samples from: CT___ NY___ NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☒
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☐

Report Type/Deliverbles

Summary Report _____
Summary w/ QA Summary _____
CT RCP Package _____
NY ASP A Package _____
NY ASP B Package _____
Electronic Deliverables:
EDD (Specify Type) _____
Excel _____

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

CHG
Samples Collected/Authorized By (Signature)

Chris Eggers
Name (printed)

Matrix Codes
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Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Common Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
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STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
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MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.	Tot. Phos.	COD
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica	MBAS	TPH-1664

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
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			ARSENIC PH, SPLP LEAD & ARSENIC,	1-8oz
			TOTAL SOLID, SPLP 8270	1-2oz

Comments

Preservation Check those Applicable: 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc____ Ascorbic Acid____ Other____

Chris Eggers — 11/2/2010 1024
Samples Relinquished By — Date/Time

Kyle Baker — 11-2-10 1024 AM
Samples Received By — Date/Time

Samples Relinquished By — Date/Time

Samples Received in LAB by — Date/Time

Temperature on Receipt _____°C

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

GA-1, 2, 3, 4, 5

CET # 10110068

Report Date: November 5, 2010
Client Project: Parcel C-South, Naugatuck
Client Project #: 3101-4.1
Client P.O. #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE55133	GA1 4-8	Soil	11/1/2010	11:00	11/02/0210
AE55134	GA2 4-8	Soil	11/1/2010	11:15	11/02/0210
AE55135	GA3 4-8	Soil	11/1/2010	11:20	11/02/0210
AE55136	GA4 4-8	Soil	11/1/2010	11:25	11/02/0210
AE55137	GA5 4-8	Soil	11/2/2010	8:15	11/02/0210

Sample temperature upon receipt was 6 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/5/2010	11/5/2010	11/5/2010	11/5/2010	11/5/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/3/2010	11/3/2010	11/3/2010	11/3/2010	11/3/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/3/2010	11/3/2010	11/4/2010	11/4/2010	11/4/2010

Closed System P&T Extraction [EPA 5035A]

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/4/2010	11/4/2010	11/4/2010	11/4/2010	11/4/2010

Liquid-Liquid Extraction [EPA 3510]

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/4/2010	11/4/2010	11/4/2010	11/4/2010	11/4/2010

SPLP, Metals [EPA 1312]

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/3/2010	11/3/2010	11/3/2010	11/3/2010	11/3/2010

SPLP, Semi-Volatiles [EPA 1312]

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/3/2010	11/3/2010	11/3/2010	11/3/2010	11/3/2010

ANALYSIS:

pH [EPA 9045C]

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/4/2010	11/4/2010	11/4/2010	11/4/2010	11/4/2010
pH	7.92	7.87	7.75	7.92	7.68

Total Solids [EPA 160.3 mo] Units: percent

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/3/2010	11/3/2010	11/3/2010	11/3/2010	11/3/2010
Total Solids	91	87	94	91	94

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/5/2010	11/5/2010	11/5/2010	11/5/2010	11/5/2010
Dilution	1.0	1.0	1.0	1.0	1.0
Lead	7.4	4.0	ND < 2.5	19	11
Arsenic	1.5	ND < 1.5	ND < 1.5	1.7	ND < 1.5

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/4/2010	11/4/2010	11/4/2010	11/4/2010	11/4/2010
Dilution	1.0	1.0	1.0	1.0	1.0
Lead	ND < 0.013	ND < 0.013	ND < 0.013	ND < 0.013	ND < 0.013
Arsenic	ND < 0.009	ND < 0.009	ND < 0.009	ND < 0.009	ND < 0.009

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/l Matrix: SPLP Ext

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/5/2010	11/5/2010	11/5/2010	11/5/2010	11/5/2010
Dilution	1.0	1.0	1.0	1.0	1.0
Pyridine	ND < 4.0	ND < 4.0	ND < 4.0	ND < 4.0	ND < 4.0
n-Nitroso-dimethylamine	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
bis(2-Chloroethyl)ether	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Phenol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Aniline	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
2-Chlorophenol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
1,3-Dichlorobenzene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0
1,4-Dichlorobenzene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0
Benzyl Alcohol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
1,2-Dichlorobenzene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0
bis(2-chloroisopropyl)ether	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Hexachloroethane	ND < 3.0	ND < 3.0	ND < 3.0	ND < 3.0	ND < 3.0
N-Nitroso-di-n-propylamine	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
2-Methyl Phenol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
3+4 Methyl Phenol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Nitrobenzene	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Isophorone	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
2-Nitrophenol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
2,4-Dimethylphenol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
bis(2-Chloroethoxy)methane	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Benzoic Acid	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
2,4-Dichlorophenol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
1,2,4-Trichlorobenzene	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0
Naphthalene	1.4	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
2,6-Dichlorophenol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
4-Chloroaniline	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Hexachlorobutadiene	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
4-Chloro-3-methylphenol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
2-Methyl Naphthalene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Hexachlorocyclopentadiene	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
2,4,6-Trichlorophenol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
2,4,5-Trichlorophenol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
2-Chloronaphthalene	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
2-Nitroaniline	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Acenaphthylene	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30
Dimethylphthalate	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
2,6-Dinitrotoluene	ND < 75	ND < 75	ND < 75	ND < 75	ND < 75
4-Nitroaniline	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Acenaphthene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
2,4-Dinitrophenol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
2,4-Dinitrotoluene	ND < 75	ND < 75	ND < 75	ND < 75	ND < 75
4-Nitrophenol	ND < 75	ND < 75	ND < 75	ND < 75	ND < 75
Dibenzofuran	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
2,3,4,6-Tetrachlorophenol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Fluorene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
4-Chlorophenyl-phenylether	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Diethylphthalate	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
3-Nitroaniline	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
4,6-Dinitro-2-methylphenol	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/l Matrix: SPLP Ext

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
n-Nitrosodiphenylamine	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Azobenzene	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
4-Bromophenyl-phenylether	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Hexachlorobenzene	ND < 0.077	ND < 0.077	ND < 0.077	ND < 0.077	ND < 0.077
Pentachlorophenol	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Phenanthrene	0.27	0.37	0.11	0.48	ND < 0.077
Anthracene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Carbazole	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Di-n-butylphthalate	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Fluoranthene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Pyrene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Butylbenzylphthalate	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
3,3-Dichlorobenzidine	ND < 75	ND < 75	ND < 75	ND < 75	ND < 75
Benzo[a]anthracene	ND < 0.06	ND < 0.06	ND < 0.06	ND < 0.06	ND < 0.06
Chrysene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
bis(2-Ethylhexyl)phthalate	ND < 2.0	ND < 2.0	ND < 2.0	ND < 2.0	ND < 2.0
Di-n-octylphthalate	ND < 20	ND < 20	ND < 20	ND < 20	ND < 20
Benzo[b]fluoranthene	ND < 0.08	ND < 0.08	ND < 0.08	ND < 0.08	ND < 0.08
Benzo[k]fluoranthene	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30	ND < 0.30
Benzo[a]pyrene	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Indeno[1,2,3-cd]pyrene	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Dibenz[a,h]anthracene	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20	ND < 0.20
Benzo[g,h,i]perylene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
2-Fluorophenol (Surr) 15-110	36	44	38	35	37
Phenol-d5 (Surr) 15-110	21	26	22	21	22
Nitrobenzene-d5(Surr) 30-130	65	79	71	68	68
2-Fluorobiphenyl (Surr) 30-130	69	80	71	69	68
2,4,6-Tribromophenol (Surr) 15-110	75	87	84	77	77
Terphenyl-d14 (Surr) 30-130	89	93	92	80	91

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/3/2010	11/3/2010	11/3/2010	11/3/2010	11/3/2010
Dilution	1.0	1.0	1.0	1.0	1.0
Pyridine	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
n-Nitroso-dimethylamine	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
bis(2-Chloroethyl)ether	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Phenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Aniline	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2-Chlorophenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
1,3-Dichlorobenzene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
1,4-Dichlorobenzene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Benzyl Alcohol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
1,2-Dichlorobenzene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
bis(2-chloroisopropyl)ether	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Hexachloroethane	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
N-Nitroso-di-n-propylamine	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2-Methyl Phenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
3+4 Methyl Phenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Nitrobenzene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Isophorone	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2-Nitrophenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2,4-Dimethylphenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
bis(2-Chloroethoxy)methane	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Benzoic Acid	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2,4-Dichlorophenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
1,2,4-Trichlorobenzene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Naphthalene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2,6-Dichlorophenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
4-Chloroaniline	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Hexachlorobutadiene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
4-Chloro-3-methylphenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2-Methyl Naphthalene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Hexachlorocyclopentadiene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2,4,6-Trichlorophenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2,4,5-Trichlorophenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2-Chloronaphthalene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2-Nitroaniline	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Acenaphthylene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Dimethylphthalate	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2,6-Dinitrotoluene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
4-Nitroaniline	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Acenaphthene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2,4-Dinitrophenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2,4-Dinitrotoluene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
4-Nitrophenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Dibenzofuran	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2,3,4,6-Tetrachlorophenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Fluorene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
4-Chlorophenyl-phenylether	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Diethylphthalate	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
3-Nitroaniline	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
4,6-Dinitro-2-methylphenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
n-Nitrosodiphenylamine	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Azobenzene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
4-Bromophenyl-phenylether	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Hexachlorobenzene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Pentachlorophenol	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Phenanthrene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Anthracene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Carbazole	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Di-n-butylphthalate	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Fluoranthene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Pyrene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Butylbenzylphthalate	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
3,3-Dichlorobenzidine	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Benzo[a]anthracene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Chrysene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
bis(2-Ethylhexyl)phthalate	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Di-n-octylphthalate	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
Benzo[b]fluoranthene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Benzo[k]fluoranthene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Benzo[a]pyrene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Indeno[1,2,3-cd]pyrene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Dibenz[a,h]anthracene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
Benzo[g,h,i]perylene	ND < 330	ND < 345	ND < 320	ND < 330	ND < 320
2-Fluorophenol (Surr) 30-130	59.8	53.9	56.9	57.1	52.4
Phenol-d5 (Surr) 30-130	61.2	56.9	60.1	58.5	59.3
Nitrobenzene-d5(Surr) 30-130	59.5	55.7	56.7	58.2	53.9
2-Fluorobiphenyl (Surr) 30-130	69.9	65.5	67.7	67.9	65.2
2,4,6-Tribromophenol (Surr) 30-130	56.9	57.4	58.7	55.5	51.9
Terphenyl-d14 (Surr) 30-130	57.6	56.1	59	57.7	57.6

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/4/2010	11/4/2010	11/5/2010	11/5/2010	11/5/2010
Dilution	1.0	1.0	1.0	1.0	1.0
ETPH	ND < 55	ND < 58	ND < 54	ND < 55	ND < 54
Octacosane (surr) 50-150	80	75.5	85	86.3	83.9

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
CET ID	AE55133	AE55134	AE55135	AE55136	AE55137
Date Analyzed	11/3/2010	11/3/2010	11/3/2010	11/3/2010	11/3/2010
Dilution	1.3	0.9	1.2	1.0	0.9
Dichlorodifluoromethane	ND < 12	ND < 8.0	ND < 10	ND < 9.0	ND < 8.0
Chloromethane	ND < 8.0	ND < 6.0	ND < 7.0	ND < 6.0	ND < 5.0
Vinyl Chloride	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Bromomethane	ND < 8.0	ND < 6.0	ND < 7.0	ND < 6.0	ND < 5.0
Chloroethane	ND < 8.0	ND < 6.0	ND < 7.0	ND < 6.0	ND < 5.0
Acetone	ND < 110	ND < 80	ND < 92	ND < 83	ND < 72
Acrylonitrile	ND < 6.0	ND < 5.0	ND < 5.0	ND < 5.0	ND < 4.0
Trichlorofluoromethane	ND < 12	ND < 8.0	ND < 10	ND < 9.0	ND < 8.0
Trichlorotrifluoroethane	ND < 23	ND < 16	ND < 19	ND < 17	ND < 15
1,1-Dichloroethene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Methylene Chloride	ND < 37	ND < 27	ND < 31	ND < 28	ND < 24
Carbon Disulfide	ND < 8.0	ND < 6.0	ND < 7.0	ND < 6.0	ND < 5.0
Methyl-t-Butyl Ether (MTBE)	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
trans-1,2-Dichloroethene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,1-Dichloroethane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
2-Butanone (MEK)	ND < 19	ND < 14	ND < 16	ND < 14	ND < 12
2,2-Dichloropropane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
cis-1,2-Dichloroethene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Chloroform	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Tetrahydrofuran	ND < 19	ND < 14	ND < 16	ND < 14	ND < 12
1,1,1-Trichloroethane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	GA1 4-8	GA2 4-8	GA3 4-8	GA4 4-8	GA5 4-8
Carbon Tetrachloride	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,1-Dichloropropene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Benzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,2-Dichloroethane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Methyl Isobutyl Ketone	ND < 19	ND < 14	ND < 16	ND < 14	ND < 12
Trichloroethene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,2-Dichloropropane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Dibromomethane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Bromodichloromethane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
2-Hexanone	ND < 19	ND < 14	ND < 16	ND < 14	ND < 12
cis-1,3-Dichloropropene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Toluene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
trans-1,3-Dichloropropene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,1,2-Trichloroethane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Tetrachloroethene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,3-Dichloropropane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Dibromochloromethane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,2-Dibromoethane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
trans-1,4-Dichloro-2-Butene	ND < 19	ND < 14	ND < 16	ND < 14	ND < 12
Chlorobenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,1,1,2-Tetrachloroethane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Ethylbenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
m+p Xylenes	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
o-Xylene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Styrene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Bromoform	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Isopropylbenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,1,2,2-Tetrachloroethane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Bromobenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,2,3-Trichloropropane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
n-Propylbenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
2-Chlorotoluene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
4-Chlorotoluene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,3,5-Trimethylbenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
tert-Butylbenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,2,4-Trimethylbenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
sec-Butylbenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,3-Dichlorobenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
4-Isopropyltoluene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,4-Dichlorobenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,2-Dichlorobenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
n-Butylbenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,2-Dibromo-3-Chloropropane	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,2,4-Trichlorobenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Hexachlorobutadiene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
Naphthalene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,2,3-Trichlorobenzene	ND < 4.0	ND < 3.0	ND < 4.0	ND < 3.0	ND < 3.0
1,2 Dichloroethane-d4 (SURR) 70-130	100	99.8	94.9	110	107
toluene-d8 (SURR) 70-130	99	98.8	101	98.4	99.1
4-bromofluorobenzene (SURR) 70-130	98	96.7	95.2	95.4	94.2

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

203-671-8239

10110068

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:
Date and Time in Freezer
Client:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: TOTAL LEAD, TOTAL ARSENIC, SPLP LEAD, SPLP ARSENIC, SPLP 8270, pH, TOTAL SOLIDS

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	TOTAL ARSENIC	SPLP LEAD	SPLP ARSENIC	SPLP 8270	pH	TOTAL SOLIDS			TOTAL # OF CONT.	NOTE #
GA 1 (4-8')	11-1-2010 / 11:00				2		✓						✓	✓											X	X	X	X	X	X	X			5	
GA 2 (4-8')	11-1-2010 / 11:15				2		✓						✓	✓											X	X	X	X	X	X	X				
GA 3 (4-8')	11-1-2010 / 11:20				2		✓						✓	✓											X	X	X	X	X	X	X				
GA 4 (4-8')	11-1-2010 / 11:25				2		✓						✓	✓											X	X	X	X	X	X	X				
GA 5 (4-8')	11-2-2010 / 08:15				2		✓						✓	✓											✓	✓	✓	✓	✓	✓	✓			5	
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)																																		25	
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)																																			
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)																																			

RELINQUISHED BY: Chris Eggers DATE/TIME 11/2/2010 1051 RECEIVED BY:
RELINQUISHED BY: DATE/TIME 11-2-10 1615 RECEIVED BY:
RELINQUISHED BY: DATE/TIME RECEIVED BY:

NOTES:
cc results to
Chris Eggers
ceggers@geodesign.net

Client / Reporting Information

Company Name: Geo Design, Inc.
Address: 984 Southford Rd
City: MIDDLEBURY State: CT Zip: 06762
Report To: Al Kovalik E-mail: AKovalik@GeoDesign-net
Phone #: 203-758-8836 Fax #:

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1
Project: PARCEL C-SOUTH Project #: 3101-4.1
Location: NAUGATUCK, CT 06770 Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use: Evidence of Cooling: Temp Upon Receipt 6.0 °C Y or N

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/08

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C-South, Naugatuck ***Project Number:*** 3104-4.1

Laboratory Sample ID(s): AE55133-AE55137 ***Sampling Date(s):*** 11/1/2010; 11/2/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10110068

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 11/10/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C-South, Naugatuck
CET#: 10110068

Blank/LCS Report

QA Type: Conn. Extractable TPH Date Analyzed: 11/3/2010 Batch ID: 69860

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	82	60-120

All associated samples: AE55133 AE55134

QA Type: Volatile Organics Date Analyzed: 11/3/2010 Batch ID: 69881

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	32 L	70-130
Chloromethane	ND<2.7	50 L	70-130
Vinyl Chloride	ND<1.6	50 L	70-130
Bromomethane	ND<5.0	109	70-130
Chloroethane	ND<5.0	105	70-130
Acetone	ND<50	118	70-130
Acrylonitrile	ND<20	87	70-130
Trichlorofluoromethane	ND<25	104	70-130
Trichlorotrifluoroethane	ND<25	87	70-130
1,1-Dichloroethene	ND<1.0	83	70-130
Methylene Chloride	ND<5.0	102	70-130
Carbon Disulfide	ND<5.0	79	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	94	70-130
trans-1,2-Dichloroethene	ND<1.0	87	70-130
1,1-Dichloroethane	ND<1.0	97	70-130
2-Butanone (MEK)	ND<25	88	70-130
2,2-Dichloropropane	ND<1.0	98	70-130
cis-1,2-Dichloroethene	ND<1.0	85	70-130
Chloroform	ND<1.0	73	70-130
Tetrahydrofuran	ND<5.0	84	70-130
1,1,1-Trichloroethane	ND<1.0	103	70-130
Carbon Tetrachloride	ND<1.0	107	70-130
1,1-Dichloropropene	ND<1.0	87	70-130
Benzene	ND<1.0	86	70-130
1,2-Dichloroethane	ND<1.0	86	70-130
Methyl Isobutyl Ketone	ND<25	85	70-130

Project: Parcel C-South, Naugatuck
Cet#: 10110068

QA Type: Volatile Organics Date Analyzed: 11/3/2010 Batch ID: 69881

Analyte	Blank	LCS%Rec	LCS CL
Trichloroethene	ND<1.0	82	70-130
1,2-Dichloropropane	ND<1.0	87	70-130
Dibromomethane	ND<1.0	84	70-130
Bromodichloromethane	ND<0.5	88	70-130
2-Hexanone	ND<25	82	70-130
cis-1,3-Dichloropropene	ND<0.5	87	70-130
Toluene	ND<1.0	89	70-130
trans-1,3-Dichloropropene	ND<0.5	87	70-130
1,1,2-Trichloroethane	ND<1.0	85	70-130
Tetrachloroethene	ND<1.0	91	70-130
1,3-Dichloropropane	ND<1.0	84	70-130
Dibromochloromethane	ND<0.5	78	70-130
1,2-Dibromoethane	ND<0.5	76	70-130
Chlorobenzene	ND<1.0	81	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	83	70-130
Ethylbenzene	ND<1.0	86	70-130
m+p Xylenes	ND<1.0	83	70-130
o-Xylene	ND<1.0	84	70-130
Styrene	ND<1.0	82	70-130
Bromoform	ND<1.0	80	70-130
Isopropylbenzene	ND<1.0	85	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	83	70-130
Bromobenzene	ND<1.0	96	70-130
1,2,3-Trichloropropane	ND<1.0	92	70-130
n-Propylbenzene	ND<1.0	101	70-130
2-Chlorotoluene	ND<1.0	98	70-130
4-Chlorotoluene	ND<1.0	98	70-130
1,3,5-Trimethylbenzene	ND<1.0	101	70-130
tert-Butylbenzene	ND<1.0	99	70-130
1,2,4-Trimethylbenzene	ND<1.0	99	70-130
sec-Butylbenzene	ND<1.0	99	70-130
1,3-Dichlorobenzene	ND<1.0	95	70-130
4-Isopropyltoluene	ND<1.0	99	70-130
1,4-Dichlorobenzene	ND<1.0	95	70-130
1,2-Dichlorobenzene	ND<1.0	94	70-130
n-Butylbenzene	ND<1.0	100	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	80	70-130
1,2,4-Trichlorobenzene	ND<1.0	94	70-130
Hexachlorobutadiene	ND<0.45	94	70-130
Naphthalene	ND<1.0	87	70-130
1,2,3-Trichlorobenzene	ND<1.0	91	70-130

All associated samples: AE55133 AE55134 AE55135 AE55136 AE55137

QA Type: SPLP Metals Date Analyzed: 11/4/2010 Batch ID: 69898

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	99	80-120
Arsenic	ND<0.009	104	80-120

All associated samples: AE55133 AE55134 AE55135 AE55136 AE55137

Project: Parcel C-South, Naugatuck
Cet#: 10110068

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/3/2010 Batch ID: 69917

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	43	30-130
n-Nitroso-dimethylamine	ND<300	54	40-140
bis(2-Chloroethyl)ether	ND<300	67	40-140
Phenol	ND<300	65	30-130
Aniline	ND<300	53	30-130
2-Chlorophenol	ND<300	68	30-130
1,3-Dichlorobenzene	ND<300	63	40-140
1,4-Dichlorobenzene	ND<300	64	40-140
Benzyl Alcohol	ND<300	29 L	30-130
1,2-Dichlorobenzene	ND<300	64	40-140
bis(2-chloroisopropyl)ether	ND<300	62	40-140
Hexachloroethane	ND<300	63	40-140
N-Nitroso-di-n-propylamine	ND<300	62	40-140
2-Methyl Phenol	ND<300	64	30-130
3+4 Methyl Phenol	ND<300	63	30-130
Nitrobenzene	ND<300	64	40-140
Isophorone	ND<300	65	40-140
2-Nitrophenol	ND<300	68	30-130
2,4-Dimethylphenol	ND<300	67	30-130
bis(2-Chloroethoxy)methane	ND<300	65	40-140
2,4-Dichlorophenol	ND<300	65	30-130
1,2,4-Trichlorobenzene	ND<300	70	40-140
Naphthalene	ND<300	66	40-140
4-Chloroaniline	ND<300	59	30-130
Hexachlorobutadiene	ND<300	70	40-140
4-Chloro-3-methylphenol	ND<300	67	30-130
2-Methyl Naphthalene	ND<300	64	40-140
Hexachlorocyclopentadiene	ND<300	45	40-140
2,4,6-Trichlorophenol	ND<300	61	30-130
2,4,5-Trichlorophenol	ND<300	56	30-130
2-Chloronaphthalene	ND<300	61	30-130
2-Nitroaniline	ND<300	64	30-130
Acenaphthylene	ND<300	63	40-140
Dimethylphthalate	ND<300	73	40-140
2,6-Dinitrotoluene	ND<300	67	40-140
4-Nitroaniline	ND<300	70	30-130
Acenaphthene	ND<300	67	40-140
2,4-Dinitrophenol	ND<300	85	30-130
2,4-Dinitrotoluene	ND<300	72	40-140
4-Nitrophenol	ND<300	69	30-130
Dibenzofuran	ND<300	68	40-140
Fluorene	ND<300	70	40-140
4-Chlorophenyl-phenylether	ND<300	73	40-140
Diethylphthalate	ND<300	72	40-140
3-Nitroaniline	ND<300	57	30-130
4,6-Dinitro-2-methylphenol	ND<300	87	30-130
n-Nitrosodiphenylamine	ND<300	76	40-140
Azobenzene	ND<300	60	40-140
4-Bromophenyl-phenylether	ND<300	67	40-140
Hexachlorobenzene	ND<300	64	40-140
Pentachlorophenol	ND<300	54	30-130
Phenanthrene	ND<300	69	40-140

Project: Parcel C-South, Naugatuck
Cet#: 10110068

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/3/2010 Batch ID: 69917

Analyte	Blank	LCS%Rec	LCS CL
Anthracene	ND<300	70	40-140
Di-n-butylphthalate	ND<300	72	40-140
Fluoranthene	ND<300	72	40-140
Pyrene	ND<300	72	40-140
Butylbenzylphthalate	ND<300	74	40-140
Benzo[a]anthracene	ND<300	72	40-140
Chrysene	ND<300	72	40-140
bis(2-Ethylhexyl)phthalate	ND<300	76	40-140
Di-n-octylphthalate	ND<300	76	40-140
Benzo[b]fluoranthene	ND<300	106	40-140
Benzo[k]fluoranthene	ND<300	111	40-140
Benzo[a]pyrene	ND<300	105	40-140
Indeno[1,2,3-cd]pyrene	ND<300	88	40-140
Dibenz[a,h]anthracene	ND<300	90	40-140
Benzo[g,h,i]perylene	ND<300	86	40-140

All associated samples: AE55133 AE55134 AE55135 AE55136 AE55137

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/5/2010 Batch ID: 69922

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<4.0	32	30-130
n-Nitroso-dimethylamine	ND<20	38 L	40-140
bis(2-Chloroethyl)ether	ND<10	68	40-140
Phenol	ND<20	28 L	30-130
Aniline	ND<20	65	30-130
2-Chlorophenol	ND<20	60	30-130
1,3-Dichlorobenzene	ND<5.0	65	40-140
1,4-Dichlorobenzene	ND<5.0	62	40-140
Benzyl Alcohol	ND<20	60	30-130
1,2-Dichlorobenzene	ND<5.0	62	40-140
bis(2-chloroisopropyl)ether	ND<10	60	40-140
Hexachloroethane	ND<3.0	62	40-140
N-Nitroso-di-n-propylamine	ND<10	78	40-140
2-Methyl Phenol	ND<20	55	30-130
3+4 Methyl Phenol	ND<20	50	30-130
Nitrobenzene	ND<20	75	40-140
Isophorone	ND<20	82	40-140
2-Nitrophenol	ND<20	70	30-130
2,4-Dimethylphenol	ND<20	52	30-130
bis(2-Chloroethoxy)methane	ND<20	82	40-140
2,4-Dichlorophenol	ND<20	75	30-130
1,2,4-Trichlorobenzene	ND<5.0	72	40-140
Naphthalene	ND<1.0	70	40-140
4-Chloroaniline	ND<20	95	30-130
Hexachlorobutadiene	ND<20	72	40-140
4-Chloro-3-methylphenol	ND<20	80	30-130
2-Methyl Naphthalene	ND<1.0	70	40-140
Hexachlorocyclopentadiene	ND<20	75	40-140
2,4,6-Trichlorophenol	ND<20	82	30-130
2,4,5-Trichlorophenol	ND<20	85	30-130
2-Chloronaphthalene	ND<20	72	40-140
2-Nitroaniline	ND<20	85	30-130
Acenaphthylene	ND<0.30	72	40-140
Dimethylphthalate	ND<20	90	40-140

Project: Parcel C-South, Naugatuck
Cet#: 10110068

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 11/5/2010 Batch ID: 69922

Analyte	Blank	LCS%Rec	LCS CL
2,6-Dinitrotoluene	ND<75	95	40-140
4-Nitroaniline	ND<20	82	30-130
Acenaphthene	ND<1.0	78	40-140
2,4-Dinitrophenol	ND<20	42	30-130
2,4-Dinitrotoluene	ND<75	90	40-140
4-Nitrophenol	ND<75	42	30-130
Dibenzofuran	ND<1.0	80	40-140
Fluorene	ND<1.0	88	40-140
4-Chlorophenyl-phenylether	ND<20	88	40-140
Diethylphthalate	ND<20	92	40-140
3-Nitroaniline	ND<20	152 H	30-130
4,6-Dinitro-2-methylphenol	ND<20	62	30-130
n-Nitrosodiphenylamine	ND<20	100	40-140
4-Bromophenyl-phenylether	ND<20	90	40-140
Hexachlorobenzene	ND<0.077	88	40-140
Pentachlorophenol	ND<1.0	95	30-130
Phenanthrene	ND<0.077	90	40-140
Anthracene	ND<1.0	85	40-140
Di-n-butylphthalate	ND<20	98	40-140
Fluoranthene	ND<1.0	92	40-140
Pyrene	ND<1.0	92	40-140
Butylbenzylphthalate	ND<20	102	40-140
Benzo[a]anthracene	ND<0.06	95	40-140
Chrysene	ND<1.0	98	40-140
bis(2-Ethylhexyl)phthalate	ND<2.0	95	40-140
Di-n-octylphthalate	ND<20	105	30-130
Benzo[b]fluoranthene	ND<0.08	120	40-140
Benzo[k]fluoranthene	ND<0.30	120	40-140
Benzo[a]pyrene	ND<0.20	110	40-140
Indeno[1,2,3-cd]pyrene	ND<0.20	95	40-140
Dibenz[a,h]anthracene	ND<0.20	98	40-140
Benzo[g,h,i]perylene	ND<1.0	85	40-140

All associated samples: AE55133 AE55134 AE55135 AE55136 AE55137

QA Type: Conn. Extractable TPH Date Analyzed: 11/5/2010 Batch ID: 69928

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	67	60-120

All associated samples: AE55135 AE55136 AE55137

QA Type: Total Metals Date Analyzed: 11/5/2010 Batch ID: 69929

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	92	80-120
Arsenic	ND<1.0	99	80-120

All associated samples: AE55133 AE55134 AE55135 AE55136 AE55137

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration VOC			
Dichlorodifluoromethane	69881	32 H	20
Chloromethane	69881	24 H	20
Vinyl Chloride	69881	29 H	20
Bromomethane	69881	29 H	20
Chloroethane	69881	29 H	20
Methylene Chloride	69881	21 H	20
All associated samples: AE55133 AE55134 AE55135 AE55136 AE55137			
Initial Calibration SVOC			
Benzyl Alcohol	69917	21 H	20
2,4-Dinitrophenol	69917	27 H	20
All associated samples: AE55133 AE55134 AE55135 AE55136 AE55137			
Initial Calibration SVOC			
4-Chloroaniline	69922	21 H	20
4-Nitroaniline	69922	49 H	20
2,4-Dinitrophenol	69922	65 H	20
4-Nitrophenol	69922	22 H	20
3-Nitroaniline	69922	56 H	20
4,6-Dinitro-2-methylphenol	69922	37 H	20
Pentachlorophenol	69922	30 H	20
Dibenz[a,h]anthracene	69922	26 H	20
All associated samples: AE55133 AE55134 AE55135 AE55136 AE55137			

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Volatile Organics Cont Cal				
Dichlorodifluoromethane	69881	18 L	35-65	11/3/2010
Chloromethane	69881	27 L	35-65	11/3/2010
Vinyl Chloride	69881	27 L	35-65	11/3/2010
All associated samples: AE55133 AE55134 AE55135 AE55136 AE55137				
Semi-Vol Cont Cal				
Hexachlorocyclopentadiene	69917	30 L	35-65	11/3/2010
2,4-Dinitrophenol	69917	78 H	35-65	11/3/2010
4,6-Dinitro-2-methylphenol	69917	69 H	35-65	11/3/2010
All associated samples: AE55133 AE55134 AE55135 AE55136 AE55137				
Semi-Vol Cont Cal				
2,4-Dinitrophenol	69922	24 L	35-65	11/5/2010
4,6-Dinitro-2-methylphenol	69922	29 L	35-65	11/5/2010
All associated samples: AE55133 AE55134 AE55135 AE55136 AE55137				

QC Batch Report

Conn. Extractable TPH Batch 69860

CET ID	Client Sample ID	Matrix	Collection Date
AE55133	GA1 4-8	Soil	11/1/2010
AE55134	GA2 4-8	Soil	11/1/2010

Volatile Organics Batch 69881

CET ID	Client Sample ID	Matrix	Collection Date
AE55133	GA1 4-8	Soil	11/1/2010
AE55134	GA2 4-8	Soil	11/1/2010
AE55135	GA3 4-8	Soil	11/1/2010
AE55136	GA4 4-8	Soil	11/1/2010
AE55137	GA5 4-8	Soil	11/2/2010

SPLP Metals Batch 69898

CET ID	Client Sample ID	Matrix	Collection Date
AE55133	GA1 4-8	Soil	11/1/2010
AE55134	GA2 4-8	Soil	11/1/2010
AE55135	GA3 4-8	Soil	11/1/2010
AE55136	GA4 4-8	Soil	11/1/2010
AE55137	GA5 4-8	Soil	11/2/2010

EPA 8270C Semi-Volatile Organics Batch 69917

CET ID	Client Sample ID	Matrix	Collection Date
AE55133	GA1 4-8	Soil	11/1/2010
AE55134	GA2 4-8	Soil	11/1/2010
AE55135	GA3 4-8	Soil	11/1/2010
AE55136	GA4 4-8	Soil	11/1/2010
AE55137	GA5 4-8	Soil	11/2/2010

EPA 8270C Semi-Volatile Organics Batch 69922

CET ID	Client Sample ID	Matrix	Collection Date
AE55133	GA1 4-8	Soil	11/1/2010
AE55134	GA2 4-8	Soil	11/1/2010
AE55135	GA3 4-8	Soil	11/1/2010
AE55136	GA4 4-8	Soil	11/1/2010
AE55137	GA5 4-8	Soil	11/2/2010

Conn. Extractable TPH Batch 69928

CET ID	Client Sample ID	Matrix	Collection Date
AE55135	GA3 4-8	Soil	11/1/2010
AE55136	GA4 4-8	Soil	11/1/2010
AE55137	GA5 4-8	Soil	11/2/2010

Project: Parcel C-South, Naugatuck
Cet#: 10110068

Total Metals Batch 69929

CET ID	Client Sample ID	Matrix	Collection Date
AE55133	GA1 4-8	Soil	11/1/2010
AE55134	GA2 4-8	Soil	11/1/2010
AE55135	GA3 4-8	Soil	11/1/2010
AE55136	GA4 4-8	Soil	11/1/2010
AE55137	GA5 4-8	Soil	11/2/2010

Narrative

4. Dichlorodifluoromethane LCS recovery low (32%) for batch 69881.
   Chloromethane LCS recovery low (50%) for batch 69881.
   Vinyl Chloride LCS recovery low (50%) for batch 69881.
   Benzyl Alcohol LCS recovery low (29%) for batch 69917.
   n-Nitroso-dimethylamine LCS recovery low (38%) for batch 69922.
   Phenol LCS recovery low (28%) for batch 69922.
   3-Nitroaniline LCS recovery high (152%) for batch 69922.
   Dichlorodifluoromethane Initial Cal % RSD high(32%) for batch 69881.
   Chloromethane Initial Cal % RSD high(24%) for batch 69881.
   Vinyl Chloride Initial Cal % RSD high(29%) for batch 69881.
   Bromomethane Initial Cal % RSD high(29%) for batch 69881.
   Chloroethane Initial Cal % RSD high(29%) for batch 69881.
   Methylene Chloride Initial Cal % RSD high(21%) for batch 69881.
   Benzyl Alcohol Initial Cal % RSD high(21%) for batch 69917.
   2,4-Dinitrophenol Initial Cal % RSD high(27%) for batch 69917.
   4-Chloroaniline Initial Cal % RSD high(21%) for batch 69922.
   4-Nitroaniline Initial Cal % RSD high(49%) for batch 69922.
   2,4-Dinitrophenol Initial Cal % RSD high(65%) for batch 69922.
   4-Nitrophenol Initial Cal % RSD high(22%) for batch 69922.
   3-Nitroaniline Initial Cal % RSD high(56%) for batch 69922.
   4,6-Dinitro-2-methylphenol Initial Cal % RSD high(37%) for batch 69922.
   Pentachlorophenol Initial Cal % RSD high(30%) for batch 69922.
   Dibenz[a,h]anthracene Initial Cal % RSD high(26%) for batch 69922.
   Dichlorodifluoromethane CC low for batch 69881.
   Chloromethane CC low for batch 69881.
   Vinyl Chloride CC low for batch 69881.
   Hexachlorocyclopentadiene CC low for batch 69917.
   2,4-Dinitrophenol CC high for batch 69917.
   4,6-Dinitro-2-methylphenol CC high for batch 69917.
   2,4-Dinitrophenol CC low for batch 69922.
   4,6-Dinitro-2-methylphenol CC low for batch 69922.

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by client.

Project: Parcel C-South, Naugatuck
Cet#: 10110068

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: TOTAL LEAD, TOTAL ARSENIC, SPLP LEAD, SPLP ARSENIC, SPLP 8270, pH, TOTAL SOLIDS

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	TOTAL ARSENIC	SPLP LEAD	SPLP ARSENIC	SPLP 8270	pH	TOTAL SOLIDS			TOTAL # OF CONT.	NOTE #
GA 1 (4-8')	11-1-2010 / 11:00				2		✓						✓	✓											X	X	X	X	X	X	X			5	
GA 2 (4-8')	11-1-2010 / 11:15				2		✓						✓	✓											X	X	X	X	X	X	X				
GA 3 (4-8')	11-1-2010 / 11:20				2		✓						✓	✓											X	X	X	X	X	X	X				
GA 4 (4-8')	11-1-2010 / 11:25				2		✓						✓	✓											X	X	X	X	X	X	X				
GA 5 (4-8')	11-2-2010 / 08:15				2		✓						✓	✓											✓	✓	✓	✓	✓	✓	✓			5	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Eggers	11/2/2010 1051	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:
CC results to
Chris Eggers
ceggers@geodesign.net

Client / Reporting Information

Company Name: Geo Design, Inc.
Address: 984 Southford Rd
City: MIDDLEBURY State: CT Zip: 06762
Report To: Al Kovalik E-mail: AKovalik@GeoDesign.net
Phone #: 203-758-8836 Fax #:

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1
Project: PARCEL C - SOUTH Project #: 3101-4.1
Location: NAUGATUCK, CT 06770 Collector(s): CET

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt ____ °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

SB-EAST 1 (0-5)
SB-EAST 1 (5-10)

CET # 10100579

Report Date: October 27, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

NELAP ACCREDITED TNI LABORATORY

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE54182	SB-East 1 0-5ft	Soil	10/21/2010	15:55	10/23/2010
AE54183	SB-East 1 5-10ft	Soil	10/21/2010	16:00	10/23/2010

Sample temperature upon receipt was 3.1 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	SB-East 1 0-5ft	SB-East 1 5-10ft
CET ID	AE54182	AE54183
Date Analyzed	10/26/2010	10/26/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	SB-East 1 0-5ft	SB-East 1 5-10ft
CET ID	AE54182	AE54183
Date Analyzed	10/25/2010	10/25/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	SB-East 1 0-5ft	SB-East 1 5-10ft
CET ID	AE54182	AE54183
Date Analyzed	10/25/2010	10/25/2010

SPLP, Metals [EPA 1312]

Client ID	SB-East 1 0-5ft	SB-East 1 5-10ft
CET ID	AE54182	AE54183
Date Analyzed	10/25/2010	10/25/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	SB-East 1 0-5ft	SB-East 1 5-10ft
CET ID	AE54182	AE54183
Date Analyzed	10/26/2010	10/26/2010
Total Solids	94	87

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	SB-East 1 0-5ft	SB-East 1 5-10ft
CET ID	AE54182	AE54183
Date Analyzed	10/26/2010	10/26/2010
Dilution	1.0	1.0
Lead	13	130

SPLP Metals [EPA 6010C] Units: mg/l

Client ID	SB-East 1 0-5ft	SB-East 1 5-10ft
CET ID	AE54182	AE54183
Date Analyzed	10/27/2010	10/27/2010
Dilution	1.0	1.0
Lead	0.014	0.084

SPLP Metals Dup Result [EPA 6010C] Units: mg/l

Client ID	SB-East 1 0-5ft
CET ID	AE54182
Date Analyzed	10/27/2010
Dilution	1.0
Lead	0.015

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	SB-East 1 0-5ft	SB-East 1 5-10ft
CET ID	AE54182	AE54183
Date Analyzed	10/26/2010	10/26/2010
Dilution	1.0	1.0
Pyridine	ND < 320	ND < 345
n-Nitroso-dimethylamine	ND < 320	ND < 345
bis(2-Chloroethyl)ether	ND < 320	ND < 345
Phenol	ND < 320	ND < 345
Aniline	ND < 320	ND < 345
2-Chlorophenol	ND < 320	ND < 345
1,3-Dichlorobenzene	ND < 320	ND < 345
1,4-Dichlorobenzene	ND < 320	ND < 345
Benzyl Alcohol	ND < 320	ND < 345
1,2-Dichlorobenzene	ND < 320	ND < 345
bis(2-chloroisopropyl)ether	ND < 320	ND < 345
Hexachloroethane	ND < 320	ND < 345
N-Nitroso-di-n-propylamine	ND < 320	ND < 345
2-Methyl Phenol	ND < 320	ND < 345
3+4 Methyl Phenol	ND < 320	ND < 345
Nitrobenzene	ND < 320	ND < 345
Isophorone	ND < 320	ND < 345
2-Nitrophenol	ND < 320	ND < 345
2,4-Dimethylphenol	ND < 320	ND < 345
bis(2-Chloroethoxy)methane	ND < 320	ND < 345

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	SB-East 1 0-5ft	SB-East 1 5-10ft
Benzoic Acid	ND < 320	ND < 345
2,4-Dichlorophenol	ND < 320	ND < 345
1,2,4-Trichlorobenzene	ND < 320	ND < 345
Naphthalene	ND < 320	ND < 345
2,6-Dichlorophenol	ND < 320	ND < 345
4-Chloroaniline	ND < 320	ND < 345
Hexachlorobutadiene	ND < 320	ND < 345
4-Chloro-3-methylphenol	ND < 320	ND < 345
2-Methyl Naphthalene	ND < 320	ND < 345
Hexachlorocyclopentadiene	ND < 320	ND < 345
2,4,6-Trichlorophenol	ND < 320	ND < 345
2,4,5-Trichlorophenol	ND < 320	ND < 345
2-Chloronaphthalene	ND < 320	ND < 345
2-Nitroaniline	ND < 320	ND < 345
Acenaphthylene	ND < 320	ND < 345
Dimethylphthalate	ND < 320	ND < 345
2,6-Dinitrotoluene	ND < 320	ND < 345
4-Nitroaniline	ND < 320	ND < 345
Acenaphthene	ND < 320	ND < 345
2,4-Dinitrophenol	ND < 320	ND < 345
2,4-Dinitrotoluene	ND < 320	ND < 345
4-Nitrophenol	ND < 320	ND < 345
Dibenzofuran	ND < 320	ND < 345
2,3,4,6-Tetrachlorophenol	ND < 320	ND < 345
Fluorene	ND < 320	ND < 345
4-Chlorophenyl-phenylether	ND < 320	ND < 345
Diethylphthalate	ND < 320	ND < 345
3-Nitroaniline	ND < 320	ND < 345
4,6-Dinitro-2-methylphenol	ND < 320	ND < 345
n-Nitrosodiphenylamine	ND < 320	ND < 345
Azobenzene	ND < 320	ND < 345
4-Bromophenyl-phenylether	ND < 320	ND < 345
Hexachlorobenzene	ND < 320	ND < 345
Pentachlorophenol	ND < 320	ND < 345
Phenanthrene	ND < 320	960
Anthracene	ND < 320	ND < 345
Carbazole	ND < 320	ND < 345
Di-n-butylphthalate	ND < 320	470
Fluoranthene	340	1800
Pyrene	ND < 320	1400
Butylbenzylphthalate	ND < 320	ND < 345
3,3-Dichlorobenzidine	ND < 320	ND < 345
Benzo[a]anthracene	ND < 320	1400
Chrysene	ND < 320	1000
bis(2-Ethylhexyl)phthalate	ND < 320	ND < 345
Di-n-octylphthalate	ND < 320	ND < 345
Benzo[b]fluoranthene	ND < 320	1800
Benzo[k]fluoranthene	ND < 320	630
Benzo[a]pyrene	ND < 320	1300
Indeno[1,2,3-cd]pyrene	ND < 320	660

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	SB-East 1 0-5ft	SB-East 1 5-10ft
Dibenz[a,h]anthracene	ND < 320	ND < 345
Benzo[g,h,i]perylene	ND < 320	720
2-Fluorophenol (Surr) 30-130	53.5	64.2
Phenol-d5 (Surr) 30-130	59.3	68.6
Nitrobenzene-d5(Surr) 30-130	48.8	53.5
2-Fluorobiphenyl (Surr) 30-130	75.4	82.5
2,4,6-Tribromophenol (Surr) 30-130	98.7	93.7
Terphenyl-d14 (Surr) 30-130	86.1	74.3

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	SB-East 1 0-5ft	SB-East 1 5-10ft
CET ID	AE54182	AE54183
Date Analyzed	10/26/2010	10/26/2010
Dilution	1.0	1.0
ETPH	64*	1800*
Octacosane (surr) 50-150	95.8	81.7

*C_{18}-C_{36} Motor oil range

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

5A

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL Lead	TCLP	SPLP Lead	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
SB-EAST 1/0'-5'	10/21/10 - 355	S			X								X	X						X		X				
SB-EAST 1/5'-10'	10/21/10 - 400	S			X								X	X						X		X				

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	10/21/10 1:45 PM	[illegible]
[illegible]	10/23/10 9:20	[illegible]
[illegible]	10/23/10 10:37	[illegible]

NOTES: Also send Results to Chris Eggers @ CEggers@geodesign.net

Client / Reporting Information

Company Name: GeoDesign, Inc
Address: 984 South Ford Road
City: Middlebury State: CT Zip: 06762
Report To: Al Kovalik E-mail: AKovalik@geodesign.net
Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1
Project: Parcel C South Project #: 3101-4.1
Location: Naugatuck Collector(s): GJM / CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 3.1 °C
SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parel C South, Naugatuck ***Project Number:*** 3101

Laboratory Sample ID(s): AE54182-AE54183 ***Sampling Date(s):*** 10/21/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10100579

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 10/29/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10100579

Blank/LCS Report

QA Type: Conn. Extractable TPH Date Analyzed: 10/25/2010 Batch ID: 69686

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	93	60-120

All associated samples: AE54182 AE54183

QA Type: Total Metals Date Analyzed: 10/26/2010 Batch ID: 69718

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	91	80-120

All associated samples: AE54182 AE54183

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/26/2010 Batch ID: 69737

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	31	30-130
n-Nitroso-dimethylamine	ND<300	39 L	40-140
bis(2-Chloroethyl)ether	ND<300	52	40-140
Phenol	ND<300	53	30-130
Aniline	ND<300	47	30-130
2-Chlorophenol	ND<300	52	30-130
1,3-Dichlorobenzene	ND<300	50	40-140
1,4-Dichlorobenzene	ND<300	51	40-140
Benzyl Alcohol	ND<300	18 L	30-130
1,2-Dichlorobenzene	ND<300	52	40-140
bis(2-chloroisopropyl)ether	ND<300	46	40-140
Hexachloroethane	ND<300	47	40-140
N-Nitroso-di-n-propylamine	ND<300	50	40-140
2-Methyl Phenol	ND<300	54	30-130
3+4 Methyl Phenol	ND<300	52	30-130
Nitrobenzene	ND<300	48	40-140
Isophorone	ND<300	47	40-140
2-Nitrophenol	ND<300	55	30-130
2,4-Dimethylphenol	ND<300	44	30-130
bis(2-Chloroethoxy)methane	ND<300	52	40-140
2,4-Dichlorophenol	ND<300	62	30-130

Project: Parcel C South, Naugatuck
Cet#: 10100579

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/26/2010 Batch ID: 69737

Analyte	Blank	LCS%Rec	LCS CL
1,2,4-Trichlorobenzene	ND<300	61	40-140
Naphthalene	ND<300	53	40-140
4-Chloroaniline	ND<300	58	30-130
Hexachlorobutadiene	ND<300	62	40-140
4-Chloro-3-methylphenol	ND<300	55	30-130
2-Methyl Naphthalene	ND<300	57	40-140
Hexachlorocyclopentadiene	ND<300	43	40-140
2,4,6-Trichlorophenol	ND<300	54	30-130
2,4,5-Trichlorophenol	ND<300	61	30-130
2-Chloronaphthalene	ND<300	51	30-130
2-Nitroaniline	ND<300	62	30-130
Acenaphthylene	ND<300	56	40-140
Dimethylphthalate	ND<300	68	40-140
2,6-Dinitrotoluene	ND<300	67	40-140
4-Nitroaniline	ND<300	56	30-130
Acenaphthene	ND<300	59	40-140
2,4-Dinitrophenol	ND<300	38	30-130
2,4-Dinitrotoluene	ND<300	74	40-140
4-Nitrophenol	ND<300	49	30-130
Dibenzofuran	ND<300	64	40-140
Fluorene	ND<300	64	40-140
4-Chlorophenyl-phenylether	ND<300	66	40-140
Diethylphthalate	ND<300	69	40-140
3-Nitroaniline	ND<300	63	30-130
4,6-Dinitro-2-methylphenol	ND<300	56	30-130
n-Nitrosodiphenylamine	ND<300	72	40-140
4-Bromophenyl-phenylether	ND<300	76	40-140
Hexachlorobenzene	ND<300	80	40-140
Pentachlorophenol	ND<300	55	30-130
Phenanthrene	ND<300	70	40-140
Anthracene	ND<300	68	40-140
Di-n-butylphthalate	ND<300	79	40-140
Fluoranthene	ND<300	73	40-140
Pyrene	ND<300	74	40-140
Butylbenzylphthalate	ND<300	69	40-140
Benzo[a]anthracene	ND<300	77	40-140
Chrysene	ND<300	72	40-140
bis(2-Ethylhexyl)phthalate	ND<300	68	40-140
Di-n-octylphthalate	ND<300	71	40-140
Benzo[b]fluoranthene	ND<300	88	40-140
Benzo[k]fluoranthene	ND<300	89	40-140
Benzo[a]pyrene	ND<300	88	40-140
Indeno[1,2,3-cd]pyrene	ND<300	72	40-140
Dibenz[a,h]anthracene	ND<300	66	40-140
Benzo[g,h,i]perylene	ND<300	65	40-140

All associated samples: AE54182 AE54183

QA Type: SPLP Metals Date Analyzed: 10/27/2010 Batch ID: 69738

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	98	80-120

All associated samples: AE54182 AE54183

Project: Parcel C South, Naugatuck
Cet#: 10100579

Matrix Spike Report

QA Type: SPLP Metals Date Analyzed: 10/27/2010 Sample ID: AE54182 Client ID: SB-East 1 0-5ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	0.014	0.20	95	95	75-125	0.00	20

ND is not detected

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
Hexachlorobutadiene	69737	61 H	40-60	10/26/2010
Benzo[g,h,i]perylene	69737	17 L	17.5-32.5	10/26/2010

All associated samples: AE54182 AE54183

QC Batch Report

Conn. Extractable TPH Batch 69686

CET ID	Client Sample ID	Matrix	Collection Date
AE54182	SB-East 1 0-5ft	Soil	10/21/2010
AE54183	SB-East 1 5-10ft	Soil	10/21/2010

Total Metals Batch 69718

CET ID	Client Sample ID	Matrix	Collection Date
AE54182	SB-East 1 0-5ft	Soil	10/21/2010
AE54183	SB-East 1 5-10ft	Soil	10/21/2010

EPA 8270C Semi-Volatile Organics Batch 69737

CET ID	Client Sample ID	Matrix	Collection Date
AE54182	SB-East 1 0-5ft	Soil	10/21/2010
AE54183	SB-East 1 5-10ft	Soil	10/21/2010

SPLP Metals Batch 69738

CET ID	Client Sample ID	Matrix	Collection Date
AE54182	SB-East 1 0-5ft	Soil	10/21/2010
AE54183	SB-East 1 5-10ft	Soil	10/21/2010

Narrative

4. n-Nitroso-dimethylamine LCS recovery low (39%) for batch 69737.
   Benzyl Alcohol LCS recovery low (18%) for batch 69737.
   Hexachlorobutadiene CC high for batch 69737.
   Benzo[g,h,i]perylene CC low for batch 69737.

6. The client requested a subset of the RCP metals list.

Project: Parcel C South, Naugatuck
Cet#: 10100579

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
SB-East 1/0'-5'	10/23/10 - 235	S			X								X	X						X		X					
SB-East 1/5'-10'	10/23/10 - 400	S			X								X	X						X		X					

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	10/23/10 1:45 PM	[illegible]
[illegible]	10/23/10 [illegible]	[illegible]
[illegible]	10/23/10 11:53	[illegible]

NOTES: Also send results to Chris Eggers @ CEggers@groundswell.NET

Client / Reporting Information

Company Name: Groundswell Inc

Address: 7 Old South Falls Road

City: Mill Bury State: CT Zip: 06782

Report To: Al Kovalik E-mail: Akovalik@groundswell.NET

Phone #: 203 758-8128 x113 Fax #: 203 758 8942

Project Information

Project Contact: Al Kovalik PO #: 3101-41

Project: Parcel C South Project #: 3101-41

Location: Milford, CT Collector(s): GJM / CEE

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☑ RCP Pkg *

Data Report ☑ Email ☑ PDF ☑ Excel ☐ Other

RSR Reporting Limits (check one) ☐ GA ☑ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 3.1 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

TRS-9A
TRS-10A

CET # 10100418

Report Date: October 22, 2010
Client Project: Parcel C, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

NELAP ACCREDITED TNI LABORATORY

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE53498	TRS-9A 6ft	Soil	10/15/2010	11:36	10/18/2010
AE53499	TRS-10A 5ft	Soil	10/15/2010	11:30	10/18/2010

Sample temperature upon receipt was 0.7 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	TRS-9A 6ft	TRS-10A 5ft
CET ID	AE53498	AE53499
Date Analyzed	10/19/2010	10/19/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	TRS-9A 6ft	TRS-10A 5ft
CET ID	AE53498	AE53499
Date Analyzed	10/20/2010	10/20/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TRS-9A 6ft	TRS-10A 5ft
CET ID	AE53498	AE53499
Date Analyzed	10/19/2010	10/19/2010

SPLP, Metals [EPA 1312]

Client ID	TRS-9A 6ft	TRS-10A 5ft
CET ID	AE53498	AE53499
Date Analyzed	10/19/2010	10/19/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TRS-9A 6ft	TRS-10A 5ft
CET ID	AE53498	AE53499
Date Analyzed	10/19/2010	10/19/2010
Total Solids	87	92

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TRS-9A 6ft	TRS-10A 5ft
CET ID	AE53498	AE53499
Date Analyzed	10/20/2010	10/20/2010
Dilution	1.0	1.0
Lead	480	15

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	TRS-9A 6ft	TRS-10A 5ft
CET ID	AE53498	AE53499
Date Analyzed	10/20/2010	10/20/2010
Dilution	1.0	1.0
Lead	ND < 0.013	ND < 0.013

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS-9A 6ft	TRS-10A 5ft
CET ID	AE53498	AE53499
Date Analyzed	10/21/2010	10/22/2010
Dilution	1.0	1.0
Pyridine	ND < 345	ND < 327
n-Nitroso-dimethylamine	ND < 345	ND < 327
bis(2-Chloroethyl)ether	ND < 345	ND < 327
Phenol	ND < 345	ND < 327
Aniline	ND < 345	ND < 327
2-Chlorophenol	ND < 345	ND < 327
1,3-Dichlorobenzene	ND < 345	ND < 327
1,4-Dichlorobenzene	ND < 345	ND < 327
Benzyl Alcohol	ND < 345	ND < 327
1,2-Dichlorobenzene	ND < 345	ND < 327
bis(2-chloroisopropyl)ether	ND < 345	ND < 327
Hexachloroethane	ND < 345	ND < 327
N-Nitroso-di-n-propylamine	ND < 345	ND < 327
2-Methyl Phenol	ND < 345	ND < 327
3+4 Methyl Phenol	ND < 345	ND < 327
Nitrobenzene	ND < 345	ND < 327
Isophorone	ND < 345	ND < 327
2-Nitrophenol	ND < 345	ND < 327
2,4-Dimethylphenol	ND < 345	ND < 327
bis(2-Chloroethoxy)methane	ND < 345	ND < 327
Benzoic Acid	ND < 345	ND < 327
2,4-Dichlorophenol	ND < 345	ND < 327
1,2,4-Trichlorobenzene	ND < 345	ND < 327
Naphthalene	ND < 345	ND < 327
2,6-Dichlorophenol	ND < 345	ND < 327
4-Chloroaniline	ND < 345	ND < 327
Hexachlorobutadiene	ND < 345	ND < 327
4-Chloro-3-methylphenol	ND < 345	ND < 327
2-Methyl Naphthalene	ND < 345	ND < 327
Hexachlorocyclopentadiene	ND < 345	ND < 327

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS-9A 6ft	TRS-10A 5ft
2,4,6-Trichlorophenol	ND < 345	ND < 327
2,4,5-Trichlorophenol	ND < 345	ND < 327
2-Chloronaphthalene	ND < 345	ND < 327
2-Nitroaniline	ND < 345	ND < 327
Acenaphthylene	ND < 345	ND < 327
Dimethylphthalate	ND < 345	ND < 327
2,6-Dinitrotoluene	ND < 345	ND < 327
4-Nitroaniline	ND < 345	ND < 327
Acenaphthene	ND < 345	ND < 327
2,4-Dinitrophenol	ND < 345	ND < 327
2,4-Dinitrotoluene	ND < 345	ND < 327
4-Nitrophenol	ND < 345	ND < 327
Dibenzofuran	ND < 345	ND < 327
2,3,4,6-Tetrachlorophenol	ND < 345	ND < 327
Fluorene	ND < 345	ND < 327
4-Chlorophenyl-phenylether	ND < 345	ND < 327
Diethylphthalate	ND < 345	ND < 327
3-Nitroaniline	ND < 345	ND < 327
4,6-Dinitro-2-methylphenol	ND < 345	ND < 327
n-Nitrosodiphenylamine	ND < 345	ND < 327
Azobenzene	ND < 345	ND < 327
4-Bromophenyl-phenylether	ND < 345	ND < 327
Hexachlorobenzene	ND < 345	ND < 327
Pentachlorophenol	ND < 345	ND < 327
Phenanthrene	ND < 345	ND < 327
Anthracene	ND < 345	ND < 327
Carbazole	ND < 345	ND < 327
Di-n-butylphthalate	ND < 345	ND < 327
Fluoranthene	ND < 345	ND < 327
Pyrene	ND < 345	ND < 327
Butylbenzylphthalate	ND < 345	ND < 327
3,3-Dichlorobenzidine	ND < 345	ND < 327
Benzo[a]anthracene	ND < 345	ND < 327
Chrysene	ND < 345	ND < 327
bis(2-Ethylhexyl)phthalate	ND < 345	ND < 327
Di-n-octylphthalate	ND < 345	ND < 327
Benzo[b]fluoranthene	ND < 345	ND < 327
Benzo[k]fluoranthene	ND < 345	ND < 327
Benzo[a]pyrene	ND < 345	ND < 327
Indeno[1,2,3-cd]pyrene	ND < 345	ND < 327
Dibenz[a,h]anthracene	ND < 345	ND < 327
Benzo[g,h,i]perylene	ND < 345	ND < 327
2-Fluorophenol (Surr) 30-130	59.6	65.9
Phenol-d5 (Surr) 30-130	63	72.1
Nitrobenzene-d5(Surr) 30-130	61	67.7
2-Fluorobiphenyl (Surr) 30-130	70.5	73.2
2,4,6-Tribromophenol (Surr) 30-130	78.3	97.2
Terphenyl-d14 (Surr) 30-130	65.4	90.9

Conn. Extractable TPH Dup [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TRS-10A 5ft
CET ID	AE53499
Date Analyzed	10/19/2010
Dilution	1.0
ETPH	ND < 55
Octacosane (surr)	97.7

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TRS-9A 6ft	TRS-10A 5ft
CET ID	AE53498	AE53499
Date Analyzed	10/19/2010	10/19/2010
Dilution	1.0	1.0
ETPH	ND < 58	ND < 55
Octacosane (surr) 50-150	97.4	98.1

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

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CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH *	8270 CT List *	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	*TOTAL LEAD	TCLP	*SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
TRS-9A @ 6'	10/15/10 1136	Soil			X								X	X						X		X			1	
TRS-10A @ 5'	10/15/10 - 1130	Soil			X								X	X						X		X			1	
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)													C	C						C		C			2	
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)													G	G						G		G				

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	10/15/10	[illegible] 10/15/10 1180
[illegible]	10/15/10 1640	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:
Please also report results to Chris Eggers at CEggers@geodesign.NET

Client / Reporting Information

Company Name: GeoDesign, Inc
Address: 984 Southford Rd
City: Middlebury State: CT Zip: 06770
Report To: AL Kovalik E-mail: AKovalik@geodesign.NET
Phone #: 203-758-8886 X113 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4-1
Project: Parcel C Project #: 3101-4-1
Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 7.0 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE53498-AE53499 ***Sampling Date(s):*** 10/15/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10100418

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: DITTA **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 10/29/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C, Naugatuck
CET#: 10100418

Blank/LCS Report

QA Type: Conn. Extractable TPH Date Analyzed: 10/19/2010 Batch ID: 69611

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	95	60-120

All associated samples: AE53498 AE53499

QA Type: Total Metals Date Analyzed: 10/20/2010 Batch ID: 69619

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	112	80-120

All associated samples: AE53498 AE53499

QA Type: SPLP Metals Date Analyzed: 10/20/2010 Batch ID: 69621

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	95	80-120

All associated samples: AE53498 AE53499

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/21/2010 Batch ID: 69646

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	47	30-130
n-Nitroso-dimethylamine	ND<300	60	40-140
bis(2-Chloroethyl)ether	ND<300	72	40-140
Phenol	ND<300	70	30-130
Aniline	ND<300	60	30-130
2-Chlorophenol	ND<300	80	30-130
1,3-Dichlorobenzene	ND<300	70	40-140
1,4-Dichlorobenzene	ND<300	72	40-140
Benzyl Alcohol	ND<300	63	30-130
1,2-Dichlorobenzene	ND<300	75	40-140
bis(2-chloroisopropyl)ether	ND<300	76	40-140
Hexachloroethane	ND<300	74	40-140
N-Nitroso-di-n-propylamine	ND<300	74	40-140
2-Methyl Phenol	ND<300	77	30-130
3+4 Methyl Phenol	ND<300	78	30-130
Nitrobenzene	ND<300	78	40-140

Project: Parcel C, Naugatuck
Cet#: 10100418

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/21/2010 Batch ID: 69646

Analyte	Blank	LCS%Rec	LCS CL
Isophorone	ND<300	76	40-140
2-Nitrophenol	ND<300	82	30-130
2,4-Dimethylphenol	ND<300	63	30-130
bis(2-Chloroethoxy)methane	ND<300	78	40-140
2,4-Dichlorophenol	ND<300	88	30-130
1,2,4-Trichlorobenzene	ND<300	84	40-140
Naphthalene	ND<300	80	40-140
4-Chloroaniline	ND<300	74	30-130
Hexachlorobutadiene	ND<300	85	40-140
4-Chloro-3-methylphenol	ND<300	84	30-130
2-Methyl Naphthalene	ND<300	105	40-140
Hexachlorocyclopentadiene	ND<300	69	40-140
2,4,6-Trichlorophenol	ND<300	79	30-130
2,4,5-Trichlorophenol	ND<300	86	30-130
2-Chloronaphthalene	ND<300	81	30-130
2-Nitroaniline	ND<300	85	30-130
Acenaphthylene	ND<300	80	40-140
Dimethylphthalate	ND<300	88	40-140
2,6-Dinitrotoluene	ND<300	87	40-140
4-Nitroaniline	ND<300	93	30-130
Acenaphthene	ND<300	84	40-140
2,4-Dinitrophenol	ND<300	16 L	30-130
2,4-Dinitrotoluene	ND<300	88	40-140
4-Nitrophenol	ND<300	70	30-130
Dibenzofuran	ND<300	87	40-140
Fluorene	ND<300	88	40-140
4-Chlorophenyl-phenylether	ND<300	87	40-140
Diethylphthalate	ND<300	89	40-140
3-Nitroaniline	ND<300	74	30-130
4,6-Dinitro-2-methylphenol	ND<300	106	30-130
n-Nitrosodiphenylamine	ND<300	94	40-140
4-Bromophenyl-phenylether	ND<300	87	40-140
Hexachlorobenzene	ND<300	87	40-140
Pentachlorophenol	ND<300	75	30-130
Phenanthrene	ND<300	87	40-140
Anthracene	ND<300	85	40-140
Di-n-butylphthalate	ND<300	91	40-140
Fluoranthene	ND<300	91	40-140
Pyrene	ND<300	92	40-140
Butylbenzylphthalate	ND<300	94	40-140
Benzo[a]anthracene	ND<300	90	40-140
Chrysene	ND<300	89	40-140
bis(2-Ethylhexyl)phthalate	ND<300	96	40-140
Di-n-octylphthalate	ND<300	95	40-140
Benzo[b]fluoranthene	ND<300	94	40-140
Benzo[k]fluoranthene	ND<300	97	40-140
Benzo[a]pyrene	ND<300	92	40-140
Indeno[1,2,3-cd]pyrene	ND<300	88	40-140
Dibenz[a,h]anthracene	ND<300	88	40-140
Benzo[g,h,i]perylene	ND<300	88	40-140

All associated samples: AE53498 AE53499

Project: Parcel C, Naugatuck
Cet#: 10100418

Matrix Spike Report

QA Type: Conn. Extractable TPH Date Analyzed: 10/20/2010 Sample ID: AE53499 Client ID: TRS-10A 5ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	ND<55	1630	101	101	50-150	0.00	30

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration SVOC			
Benzyl Alcohol	69646	21 H	20
2,4-Dinitrophenol	69646	27 H	20

All associated samples: AE53498 AE53499

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
2,4-Dinitrophenol	69646	4.8 L	35-65	10/21/2010
4,6-Dinitro-2-methylphenol	69646	9.4 L	35-65	10/21/2010

All associated samples: AE53498 AE53499

QC Batch Report

Conn. Extractable TPH Batch 69611

CET ID	Client Sample ID	Matrix	Collection Date
AE53498	TRS-9A 6ft	Soil	10/15/2010
AE53499	TRS-10A 5ft	Soil	10/15/2010

Total Metals Batch 69619

CET ID	Client Sample ID	Matrix	Collection Date
AE53498	TRS-9A 6ft	Soil	10/15/2010
AE53499	TRS-10A 5ft	Soil	10/15/2010

SPLP Metals Batch 69621

CET ID	Client Sample ID	Matrix	Collection Date
AE53498	TRS-9A 6ft	Soil	10/15/2010
AE53499	TRS-10A 5ft	Soil	10/15/2010

EPA 8270C Semi-Volatile Organics Batch 69646

CET ID	Client Sample ID	Matrix	Collection Date
AE53498	TRS-9A 6ft	Soil	10/15/2010
AE53499	TRS-10A 5ft	Soil	10/15/2010

Narrative

4. 2,4-Dinitrophenol LCS recovery low (16%) for batch 69646.
   Benzyl Alcohol Initial Cal % RSD high(21%) for batch 69646.
   2,4-Dinitrophenol Initial Cal % RSD high(27%) for batch 69646.
   2,4-Dinitrophenol CC low for batch 69646.
   4,6-Dinitro-2-methylphenol CC low for batch 69646.

6. The client requested a subset of the RCP metals list.

Project: Parcel C, Naugatuck
Cet#: 10100418

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Sample ID	Date/Time	Matrix	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
TBS-9A @ 6'	10/15/10 1136	Soil			X								X	X						X		X				1	
TBS-10A @ 5'	10/15/10 - 1130	Soil			X								X	X						X		X				1	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)													C	C						C		C				2	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)													G	G						G		G					
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)																											

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	10/15/10	[illegible] 10/20/10 1120
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:
Please also Report Results to Chris Eggers at CEggers@geodesign.NET

Client / Reporting Information

Company Name: Geo Design, Inc
Address: 984 South Ford Rd
City: Middlebury State: CT Zip: 06770
Report To: AL Kovalik E-mail: AKovalik@geodesign.NET
Phone #: 203-758-8926 x113 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-41
Project: 3 PARCEL C Project #: 3101-41
Location: NAUGATUCK Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 7.0 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

RECEIVED
OCT 26 2010
GeoDesign, Inc.

Analytical Report

TRS 1.2.3.4.5.6.7

CET # 10100190

Report Date: October 18, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

NELAP ACCREDITED TNI LABORATORY

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE52627	TRS-1	Soil	10/8/2010	8:01	10/08/2010
AE52628	TRS-2	Soil	10/8/2010	8:05	10/08/2010
AE52629	TRS-3	Soil	10/8/2010	8:09	10/08/2010
AE52630	TRS-4	Soil	10/8/2010	8:10	10/08/2010
AE52631	TRS-5	Soil	10/8/2010	8:11	10/08/2010
AE52632	TRS-6 Sidewall	Soil	10/8/2010	8:12	10/08/2010
AE52633	TRS-7 Sidewall	Soil	10/8/2010	8:15	10/08/2010

Sample temperature upon receipt was 12.5 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	TRS-1	TRS-2	TRS-3	TRS-4	TRS-5
CET ID	AE52627	AE52628	AE52629	AE52630	AE52631
Date Analyzed	10/8/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010

Acid Digestion [EPA 3050B]

Client ID	TRS-6 Sidewall	TRS-7 Sidewall
CET ID	AE52632	AE52633
Date Analyzed	10/13/2010	10/13/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	TRS-1	TRS-2	TRS-3	TRS-4	TRS-5
CET ID	AE52627	AE52628	AE52629	AE52630	AE52631
Date Analyzed	10/14/2010	10/14/2010	10/14/2010	10/14/2010	10/14/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	TRS-6 Sidewall	TRS-7 Sidewall
CET ID	AE52632	AE52633
Date Analyzed	10/14/2010	10/14/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TRS-1	TRS-2	TRS-3	TRS-4	TRS-5
CET ID	AE52627	AE52628	AE52629	AE52630	AE52631
Date Analyzed	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TRS-6 Sidewall	TRS-7 Sidewall
CET ID	AE52632	AE52633
Date Analyzed	10/11/2010	10/11/2010

SPLP, Metals [EPA 1312]

Client ID	TRS-1	TRS-2	TRS-3	TRS-4	TRS-5
CET ID	AE52627	AE52628	AE52629	AE52630	AE52631
Date Analyzed	10/14/2010	10/14/2010	10/14/2010	10/14/2010	10/14/2010

SPLP, Metals [EPA 1312]

Client ID	TRS-6 Sidewall	TRS-7 Sidewall
CET ID	AE52632	AE52633
Date Analyzed	10/14/2010	10/14/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TRS-1	TRS-2	TRS-3	TRS-4	TRS-5
CET ID	AE52627	AE52628	AE52629	AE52630	AE52631
Date Analyzed	10/11/2010	10/11/2010	10/11/2010	10/11/2010	10/11/2010
Total Solids	89	83	83	87	79

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TRS-6 Sidewall	TRS-7 Sidewall
CET ID	AE52632	AE52633
Date Analyzed	10/11/2010	10/11/2010
Total Solids	92	87

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TRS-1	TRS-2	TRS-3	TRS-4	TRS-5
CET ID	AE52627	AE52628	AE52629	AE52630	AE52631
Date Analyzed	10/8/2010	10/13/2010	10/13/2010	10/13/2010	10/13/2010
Dilution	1.0	1.0	1.0	1.0	1.0
Lead	410	260	180	240	10

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TRS-6 Sidewall	TRS-7 Sidewall
CET ID	AE52632	AE52633
Date Analyzed	10/13/2010	10/13/2010
Dilution	1.0	1.0
Lead	260	240

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	TRS-1	TRS-2	TRS-3	TRS-4	TRS-5
CET ID	AE52627	AE52628	AE52629	AE52630	AE52631
Date Analyzed	10/15/2010	10/15/2010	10/15/2010	10/15/2010	10/15/2010
Dilution	1.0	1.0	1.0	1.0	1.0
Lead	0.14	0.042	ND < 0.013	ND < 0.013	ND < 0.013

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	TRS-6 Sidewall	TRS-7 Sidewall
CET ID	AE52632	AE52633
Date Analyzed	10/15/2010	10/15/2010
Dilution	1.0	1.0
Lead	0.14	0.044

SPLP Metals by ICP/MS Dup [EPA 6020A] Units: mg/l

Client ID	TRS-5
CET ID	AE52631
Date Analyzed	10/15/2010
Dilution	1.0
Lead	ND < 0.013

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS-1	TRS-2	TRS-3	TRS-4	TRS-5
CET ID	AE52627	AE52628	AE52629	AE52630	AE52631
Date Analyzed	10/14/2010	10/14/2010	10/14/2010	10/14/2010	10/14/2010
Dilution	1.0	1.0	1.0	1.0	1.0
Pyridine	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
n-Nitroso-dimethylamine	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
bis(2-Chloroethyl)ether	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Phenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Aniline	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2-Chlorophenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
1,3-Dichlorobenzene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
1,4-Dichlorobenzene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Benzyl Alcohol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
1,2-Dichlorobenzene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS-1	TRS-2	TRS-3	TRS-4	TRS-5
bis(2-chloroisopropyl)ether	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Hexachloroethane	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
N-Nitroso-di-n-propylamine	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2-Methyl Phenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
3+4 Methyl Phenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Nitrobenzene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Isophorone	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2-Nitrophenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2,4-Dimethylphenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
bis(2-Chloroethoxy)methane	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Benzoic Acid	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2,4-Dichlorophenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
1,2,4-Trichlorobenzene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Naphthalene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2,6-Dichlorophenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
4-Chloroaniline	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Hexachlorobutadiene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
4-Chloro-3-methylphenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2-Methyl Naphthalene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Hexachlorocyclopentadiene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2,4,6-Trichlorophenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2,4,5-Trichlorophenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2-Chloronaphthalene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2-Nitroaniline	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Acenaphthylene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Dimethylphthalate	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2,6-Dinitrotoluene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
4-Nitroaniline	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Acenaphthene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2,4-Dinitrophenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2,4-Dinitrotoluene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
4-Nitrophenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Dibenzofuran	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2,3,4,6-Tetrachlorophenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Fluorene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
4-Chlorophenyl-phenylether	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Diethylphthalate	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
3-Nitroaniline	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
4,6-Dinitro-2-methylphenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
n-Nitrosodiphenylamine	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Azobenzene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
4-Bromophenyl-phenylether	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Hexachlorobenzene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Pentachlorophenol	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Phenanthrene	ND < 338	460	ND < 362	790	ND < 380
Anthracene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Carbazole	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Di-n-butylphthalate	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Fluoranthene	ND < 338	880	ND < 362	1100	ND < 380
Pyrene	ND < 338	810	ND < 362	1000	ND < 380
Butylbenzylphthalate	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
3,3-Dichlorobenzidine	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS-1	TRS-2	TRS-3	TRS-4	TRS-5
Benzo[a]anthracene	ND < 338	420	ND < 362	530	ND < 380
Chrysene	ND < 338	450	ND < 362	520	ND < 380
bis(2-Ethylhexyl)phthalate	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Di-n-octylphthalate	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Benzo[b]fluoranthene	ND < 338	530	ND < 362	620	ND < 380
Benzo[k]fluoranthene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Benzo[a]pyrene	ND < 338	430	ND < 362	510	ND < 380
Indeno[1,2,3-cd]pyrene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Dibenz[a,h]anthracene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
Benzo[g,h,i]perylene	ND < 338	ND < 362	ND < 362	ND < 345	ND < 380
2-Fluorophenol (Surr) 30-130	69.5	74	69.1	71.4	64.8
Phenol-d5 (Surr) 30-130	72.2	77.4	71.9	72.9	67.6
Nitrobenzene-d5(Surr) 30-130	69.6	79.2	74.6	75	69.2
2-Fluorobiphenyl (Surr) 30-130	79.4	87	83.9	82.5	76.4
2,4,6-Tribromophenol (Surr) 30-130	78.5	86.8	88.5	81.3	77.9
Terphenyl-d14 (Surr) 30-130	62	66.6	64.2	58.1	59.5

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS-6 Sidewall	TRS-7 Sidewall
CET ID	AE52632	AE52633
Date Analyzed	10/15/2010	10/15/2010
Dilution	1.0	1.0
Pyridine	ND < 327	ND < 345
n-Nitroso-dimethylamine	ND < 327	ND < 345
bis(2-Chloroethyl)ether	ND < 327	ND < 345
Phenol	ND < 327	ND < 345
Aniline	ND < 327	ND < 345
2-Chlorophenol	ND < 327	ND < 345
1,3-Dichlorobenzene	ND < 327	ND < 345
1,4-Dichlorobenzene	ND < 327	ND < 345
Benzyl Alcohol	ND < 327	ND < 345
1,2-Dichlorobenzene	ND < 327	ND < 345
bis(2-chloroisopropyl)ether	ND < 327	ND < 345
Hexachloroethane	ND < 327	ND < 345
N-Nitroso-di-n-propylamine	ND < 327	ND < 345
2-Methyl Phenol	ND < 327	ND < 345
3+4 Methyl Phenol	ND < 327	ND < 345
Nitrobenzene	ND < 327	ND < 345
Isophorone	ND < 327	ND < 345
2-Nitrophenol	ND < 327	ND < 345
2,4-Dimethylphenol	ND < 327	ND < 345
bis(2-Chloroethoxy)methane	ND < 327	ND < 345
Benzoic Acid	ND < 327	ND < 345
2,4-Dichlorophenol	ND < 327	ND < 345
1,2,4-Trichlorobenzene	ND < 327	ND < 345
Naphthalene	ND < 327	ND < 345
2,6-Dichlorophenol	ND < 327	ND < 345
4-Chloroaniline	ND < 327	ND < 345
Hexachlorobutadiene	ND < 327	ND < 345

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS-6 Sidewall	TRS-7 Sidewall
4-Chloro-3-methylphenol	ND < 327	ND < 345
2-Methyl Naphthalene	ND < 327	ND < 345
Hexachlorocyclopentadiene	ND < 327	ND < 345
2,4,6-Trichlorophenol	ND < 327	ND < 345
2,4,5-Trichlorophenol	ND < 327	ND < 345
2-Chloronaphthalene	ND < 327	ND < 345
2-Nitroaniline	ND < 327	ND < 345
Acenaphthylene	ND < 327	ND < 345
Dimethylphthalate	ND < 327	ND < 345
2,6-Dinitrotoluene	ND < 327	ND < 345
4-Nitroaniline	ND < 327	ND < 345
Acenaphthene	ND < 327	ND < 345
2,4-Dinitrophenol	ND < 327	ND < 345
2,4-Dinitrotoluene	ND < 327	ND < 345
4-Nitrophenol	ND < 327	ND < 345
Dibenzofuran	ND < 327	ND < 345
2,3,4,6-Tetrachlorophenol	ND < 327	ND < 345
Fluorene	ND < 327	ND < 345
4-Chlorophenyl-phenylether	ND < 327	ND < 345
Diethylphthalate	ND < 327	ND < 345
3-Nitroaniline	ND < 327	ND < 345
4,6-Dinitro-2-methylphenol	ND < 327	ND < 345
n-Nitrosodiphenylamine	ND < 327	ND < 345
Azobenzene	ND < 327	ND < 345
4-Bromophenyl-phenylether	ND < 327	ND < 345
Hexachlorobenzene	ND < 327	ND < 345
Pentachlorophenol	ND < 327	ND < 345
Phenanthrene	ND < 327	ND < 345
Anthracene	ND < 327	ND < 345
Carbazole	ND < 327	ND < 345
Di-n-butylphthalate	ND < 327	ND < 345
Fluoranthene	460	ND < 345
Pyrene	430	ND < 345
Butylbenzylphthalate	ND < 327	ND < 345
3,3-Dichlorobenzidine	ND < 327	ND < 345
Benzo[a]anthracene	ND < 327	ND < 345
Chrysene	ND < 327	ND < 345
bis(2-Ethylhexyl)phthalate	ND < 327	ND < 345
Di-n-octylphthalate	ND < 327	ND < 345
Benzo[b]fluoranthene	380	ND < 345
Benzo[k]fluoranthene	ND < 327	ND < 345
Benzo[a]pyrene	ND < 327	ND < 345
Indeno[1,2,3-cd]pyrene	ND < 327	ND < 345
Dibenz[a,h]anthracene	ND < 327	ND < 345
Benzo[g,h,i]perylene	ND < 327	ND < 345
2-Fluorophenol (Surr) 30-130	73	67.8
Phenol-d5 (Surr) 30-130	76.2	70.7
Nitrobenzene-d5(Surr) 30-130	78.6	69.7
2-Fluorobiphenyl (Surr) 30-130	87.1	78
2,4,6-Tribromophenol (Surr) 30-130	84.3	86.9
Terphenyl-d14 (Surr) 30-130	62.6	66.4

EPA 8270 Semi-Vol. Dup Result [EPA 8270D] Units: ug/kg

Client ID	TRS-7 Sidewall
CET ID	AE52633
Date Analyzed	10/15/2010
Dilution	1.0
Pyridine	ND < 345
n-Nitroso-dimethylamine	ND < 345
bis(2-Chloroethyl)ether	ND < 345
Phenol	ND < 345
Aniline	ND < 345
2-Chlorophenol	ND < 345
1,3-Dichlorobenzene	ND < 345
1,4-Dichlorobenzene	ND < 345
Benzyl Alcohol	ND < 345
1,2-Dichlorobenzene	ND < 345
bis(2-chloroisopropyl)ether	ND < 345
Hexachloroethane	ND < 345
N-Nitroso-di-n-propylamine	ND < 345
2-Methyl Phenol	ND < 345
3+4 Methyl Phenol	ND < 345
Nitrobenzene	ND < 345
Isophorone	ND < 345
2-Nitrophenol	ND < 345
2,4-Dimethylphenol	ND < 345
bis(2-Chloroethoxy)methane	ND < 345
Benzoic Acid	ND < 345
2,4-Dichlorophenol	ND < 345
1,2,4-Trichlorobenzene	ND < 345
Naphthalene	ND < 345
2,6-Dichlorophenol	ND < 345
4-Chloroaniline	ND < 345
Hexachlorobutadiene	ND < 345
4-Chloro-3-methylphenol	ND < 345
2-Methyl Naphthalene	ND < 345
Hexachlorocyclopentadiene	ND < 345
2,4,6-Trichlorophenol	ND < 345
2,4,5-Trichlorophenol	ND < 345
2-Chloronaphthalene	ND < 345
2-Nitroaniline	ND < 345
Acenaphthylene	ND < 345
Dimethylphthalate	ND < 345
2,6-Dinitrotoluene	ND < 345
4-Nitroaniline	ND < 345
Acenaphthene	ND < 345
2,4-Dinitrophenol	ND < 345
2,4-Dinitrotoluene	ND < 345
4-Nitrophenol	ND < 345
Dibenzofuran	ND < 345
2,3,4,6-Tetrachlorophenol	ND < 345
Fluorene	ND < 345
4-Chlorophenyl-phenylether	ND < 345
Diethylphthalate	ND < 345
3-Nitroaniline	ND < 345

EPA 8270 Semi-Vol. Dup Result [EPA 8270D] Units: ug/kg

Client ID	TRS-7 Sidewall
4,6-Dinitro-2-methylphenol	ND < 345
n-Nitrosodiphenylamine	ND < 345
Azobenzene	ND < 345
4-Bromophenyl-phenylether	ND < 345
Hexachlorobenzene	ND < 345
Pentachlorophenol	ND < 345
Phenanthrene	ND < 345
Anthracene	ND < 345
Carbazole	ND < 345
Di-n-butylphthalate	ND < 345
Fluoranthene	ND < 345
Pyrene	ND < 345
Butylbenzylphthalate	ND < 345
3,3-Dichlorobenzidine	ND < 345
Benzo[a]anthracene	ND < 345
Chrysene	ND < 345
bis(2-Ethylhexyl)phthalate	ND < 345
Di-n-octylphthalate	ND < 345
Benzo[b]fluoranthene	ND < 345
Benzo[k]fluoranthene	ND < 345
Benzo[a]pyrene	ND < 345
Indeno[1,2,3-cd]pyrene	ND < 345
Dibenz[a,h]anthracene	ND < 345
Benzo[g,h,i]perylene	ND < 345
2-Fluorophenol (Surr) 30-130	72.3
Phenol-d5 (Surr) 30-130	72.7
Nitrobenzene-d5(Surr) 30-130	76.1
2-Fluorobiphenyl (Surr) 30-130	82.7
2,4,6-Tribromophenol (Surr) 30-130	80.3
Terphenyl-d14 (Surr) 30-130	63.2

Conn. Extractable TPH Dup [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TRS-7 Sidewall
CET ID	AE52633
Date Analyzed	10/12/2010
Dilution	1.0
ETPH	ND < 58
Octacosane (surr)	95

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TRS-1	TRS-2	TRS-3	TRS-4	TRS-5
CET ID	AE52627	AE52628	AE52629	AE52630	AE52631
Date Analyzed	10/12/2010	10/12/2010	10/12/2010	10/12/2010	10/12/2010
Dilution	1.0	1.0	1.0	1.0	1.0
ETPH	ND < 57	ND < 61	ND < 61	450*	ND < 64
Octacosane (surr) 50-150	94.7	99.5	91.2	90.4	98.6

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TRS-6 Sidewall	TRS-7 Sidewall
CET ID	AE52632	AE52633
Date Analyzed	10/12/2010	10/12/2010
Dilution	1.0	1.0
ETPH	ND < 55	ND < 58
Octacosane (surr) 50-150	101	94

*C_{18}-C_{36} Motor oil range

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

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CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
TRS-1	10/8/10 801	S				✓							X	X						X		X				
TRS-2	10/8/10 805					✓							X	X						X		X				
TRS-3	10/8/10 809					✓							X	X						X		X				
TRS-4	10/8/10 810					✓							X	X						X		X				
TRS-5	10/8/10 811					✓							X	X						X		X				
TRS-6 SIDEWALL	10/8/10 812					✓							X	X						X		X				
TRS-7 SIDEWALL	10/8/10 815	S				✓							X	X						X		X				

PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Eggers	10/8/2010 852	[signature]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: GeoDesign, Inc.
Address: 984 Southford Road
City: MIDDLEBURY State: CT Zip: 06762
Report To: AL KOVALIK E-mail: AKOVALIK@GEODESIGN.NET
Phone #: 203-758-8836 ext 113 Fax #: 203-758-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1
Project: PARCEL C SOUTH Project #: 3101-4.1
Location: NAUGATUCK, CT Collector(s): Chris G. Eggers

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use: Evidence of Cooling: Y or N
Temp Upon Receipt: 12.5 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE52627-AE52633 ***Sampling Date(s):*** 10/8/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10100190

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☐Yes ☒ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 10/22/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10100190

Blank/LCS Report

QA Type: Total Metals Date Analyzed: 10/8/2010 Batch ID: 69398

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	93	80-120

All associated samples: AE52627

QA Type: Conn. Extractable TPH Date Analyzed: 10/11/2010 Batch ID: 69435

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	97	60-120

All associated samples: AE52627 AE52628 AE52629 AE52630 AE52631 AE52632 AE52633

QA Type: Total Metals Date Analyzed: 10/13/2010 Batch ID: 69479

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	98	80-120

All associated samples: AE52628 AE52629 AE52630 AE52631 AE52632 AE52633

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/14/2010 Batch ID: 69530

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	47	30-130
n-Nitroso-dimethylamine	ND<300	59	40-140
bis(2-Chloroethyl)ether	ND<300	70	40-140
Phenol	ND<300	66	30-130
Aniline	ND<300	64	30-130
2-Chlorophenol	ND<300	76	30-130
1,3-Dichlorobenzene	ND<300	68	40-140
1,4-Dichlorobenzene	ND<300	70	40-140
Benzyl Alcohol	ND<300	66	30-130
1,2-Dichlorobenzene	ND<300	71	40-140
bis(2-chloroisopropyl)ether	ND<300	65	40-140
Hexachloroethane	ND<300	70	40-140
N-Nitroso-di-n-propylamine	ND<300	68	40-140
2-Methyl Phenol	ND<300	73	30-130
3+4 Methyl Phenol	ND<300	73	30-130
Nitrobenzene	ND<300	71	40-140

Project: Parcel C South, Naugatuck
Cet#: 10100190

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/14/2010 Batch ID: 69530

Analyte	Blank	LCS%Rec	LCS CL
Isophorone	ND<300	72	40-140
2-Nitrophenol	ND<300	77	30-130
2,4-Dimethylphenol	ND<300	67	30-130
bis(2-Chloroethoxy)methane	ND<300	73	40-140
2,4-Dichlorophenol	ND<300	82	30-130
1,2,4-Trichlorobenzene	ND<300	80	40-140
Naphthalene	ND<300	76	40-140
2,6-Dichlorophenol	ND<300	0 L	30-130
4-Chloroaniline	ND<300	77	30-130
Hexachlorobutadiene	ND<300	77	40-140
4-Chloro-3-methylphenol	ND<300	83	30-130
2-Methyl Naphthalene	ND<300	79	40-140
Hexachlorocyclopentadiene	ND<300	50	40-140
2,4,6-Trichlorophenol	ND<300	80	30-130
2,4,5-Trichlorophenol	ND<300	87	30-130
2-Chloronaphthalene	ND<300	77	30-130
2-Nitroaniline	ND<300	86	30-130
Acenaphthylene	ND<300	80	40-140
Dimethylphthalate	ND<300	91	40-140
2,6-Dinitrotoluene	ND<300	86	40-140
4-Nitroaniline	ND<300	99	30-130
Acenaphthene	ND<300	83	40-140
2,4-Dinitrophenol	ND<300	122	30-130
2,4-Dinitrotoluene	ND<300	93	40-140
4-Nitrophenol	ND<300	68	30-130
Dibenzofuran	ND<300	88	40-140
Fluorene	ND<300	89	40-140
4-Chlorophenyl-phenylether	ND<300	90	40-140
Diethylphthalate	ND<300	93	40-140
3-Nitroaniline	ND<300	80	30-130
4,6-Dinitro-2-methylphenol	ND<300	112	30-130
n-Nitrosodiphenylamine	ND<300	99	40-140
4-Bromophenyl-phenylether	ND<300	88	40-140
Hexachlorobenzene	ND<300	86	40-140
Pentachlorophenol	ND<300	78	30-130
Phenanthrene	ND<300	91	40-140
Anthracene	ND<300	91	40-140
Di-n-butylphthalate	ND<300	95	40-140
Fluoranthene	ND<300	96	40-140
Pyrene	ND<300	97	40-140
Butylbenzylphthalate	ND<300	97	40-140
Benzo[a]anthracene	ND<300	93	40-140
Chrysene	ND<300	95	40-140
bis(2-Ethylhexyl)phthalate	ND<300	100	40-140
Di-n-octylphthalate	ND<300	101	40-140
Benzo[b]fluoranthene	ND<300	93	40-140
Benzo[k]fluoranthene	ND<300	102	40-140
Benzo[a]pyrene	ND<300	96	40-140
Indeno[1,2,3-cd]pyrene	ND<300	82	40-140
Dibenz[a,h]anthracene	ND<300	79	40-140
Benzo[g,h,i]perylene	ND<300	84	40-140

All associated samples: AE52627 AE52628 AE52629 AE52630 AE52631 AE52632 AE52633

Project: Parcel C South, Naugatuck
Cet#: 10100190

QA Type: SPLP Metals Date Analyzed: 10/15/2010 Batch ID: 69532

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	96	80-120

All associated samples: AE52627 AE52628 AE52629 AE52630 AE52631 AE52632 AE52633

Project: Parcel C South, Naugatuck
Cet#: 10100190

Matrix Spike Report

QA Type: SPLP Metals Date Analyzed: 10/15/2010 Sample ID: AE52631 Client ID: TRS-5

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.20	96	96	75-125	0.52	20

QA Type: Conn. Extractable TPH Date Analyzed: 10/12/2010 Sample ID: AE52633 Client ID: TRS-7 Sidewall

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	ND<58	1720	98	98	50-150	0.00	30

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/15/2010 Sample ID: AE52633 Client ID: TRS-7 Sidewall

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Pyridine	ND<345	4600	44	50	30-130	14.00	30
n-Nitroso-dimethylamine	ND<345	4600	61	67	40-140	10.00	30
bis(2-Chloroethyl)ether	ND<345	4600	74	83	40-140	11.00	30
Phenol	ND<345	4600	74	80	30-130	8.00	30
Aniline	ND<345	4600	61	65	30-130	7.00	30
2-Chlorophenol	ND<345	4600	78	87	30-130	11.00	30
1,3-Dichlorobenzene	ND<345	4600	67	76	40-140	12.00	30
1,4-Dichlorobenzene	ND<345	4600	70	78	40-140	12.00	30
Benzyl Alcohol	ND<345	4600	19 L	16 L	30-130	17.00	30
1,2-Dichlorobenzene	ND<345	4600	70	78	40-140	12.00	30
bis(2-chloroisopropyl)ether	ND<345	4600	72	78	40-140	9.00	30
Hexachloroethane	ND<345	4600	56	65	40-140	14.00	30
N-Nitroso-di-n-propylamine	ND<345	4600	72	78	40-140	9.00	30
2-Methyl Phenol	ND<345	4600	78	85	30-130	8.00	30
3+4 Methyl Phenol	ND<345	4600	78	87	30-130	11.00	30
Nitrobenzene	ND<345	4600	74	80	40-140	8.00	30
Isophorone	ND<345	4600	74	80	40-140	8.00	30
2-Nitrophenol	ND<345	4600	74	83	30-130	11.00	30
2,4-Dimethylphenol	ND<345	4600	67	78	30-130	15.00	30
bis(2-Chloroethoxy)methane	ND<345	4600	76	85	40-140	11.00	30
2,4-Dichlorophenol	ND<345	4600	83	91	30-130	10.00	30
1,2,4-Trichlorobenzene	ND<345	4600	78	89	40-140	13.00	30
Naphthalene	ND<345	4600	76	85	40-140	11.00	30
4-Chloroaniline	ND<345	4600	72	76	30-130	6.00	30
Hexachlorobutadiene	ND<345	4600	76	85	40-140	11.00	30
4-Chloro-3-methylphenol	ND<345	4600	85	91	30-130	7.00	30
2-Methyl Naphthalene	ND<345	4600	87	98	40-140	12.00	30
Hexachlorocyclopentadiene	ND<345	4600	37 L	46	40-140	21.00	30
2,4,6-Trichlorophenol	ND<345	4600	72	78	30-130	9.00	30
2,4,5-Trichlorophenol	ND<345	4600	94	102	30-130	9.00	30
2-Chloronaphthalene	ND<345	4600	78	85	40-140	8.00	30
2-Nitroaniline	ND<345	4600	83	91	30-130	10.00	30
Acenaphthylene	ND<345	4600	78	87	40-140	11.00	30
Dimethylphthalate	ND<345	4600	87	94	40-140	7.00	30
2,6-Dinitrotoluene	ND<345	4600	80	94	40-140	15.00	30
4-Nitroaniline	ND<345	4600	98	102	30-130	4.00	30

Project: Parcel C South, Naugatuck
Cet#: 10100190

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/15/2010 Sample ID: AE52633 Client ID: TRS-7 Sidewall

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Acenaphthene	ND<345	4600	83	89	40-140	8.00	30
2,4-Dinitrophenol	ND<345	4600	22 L	26 L	30-130	18.00	30
2,4-Dinitrotoluene	ND<345	4600	87	94	40-140	7.00	30
4-Nitrophenol	ND<345	4600	78	72	30-130	9.00	30
Dibenzofuran	ND<345	4600	85	94	40-140	10.00	30
Fluorene	ND<345	4600	85	91	40-140	7.00	30
4-Chlorophenyl-phenylether	ND<345	4600	87	94	40-140	7.00	30
Diethylphthalate	ND<345	4600	87	94	40-140	7.00	30
3-Nitroaniline	ND<345	4600	74	74	30-130	0.00	30
4,6-Dinitro-2-methylphenol	ND<345	4600	30	33	30-130	7.00	30
n-Nitrosodiphenylamine	ND<345	4600	96	102	40-140	6.00	30
4-Bromophenyl-phenylether	ND<345	4600	85	91	40-140	7.00	30
Hexachlorobenzene	ND<345	4600	83	89	40-140	8.00	30
Pentachlorophenol	ND<345	4600	78	83	30-130	5.00	30
Phenanthrene	ND<345	4600	87	91	40-140	5.00	30
Anthracene	ND<345	4600	87	91	40-140	5.00	30
Di-n-butylphthalate	ND<345	4600	91	96	40-140	5.00	30
Fluoranthene	ND<345	4600	94	98	40-140	4.00	30
Pyrene	ND<345	4600	94	100	40-140	7.00	30
Butylbenzylphthalate	ND<345	4600	91	96	40-140	5.00	30
Benzo[a]anthracene	ND<345	4600	89	96	40-140	7.00	30
Chrysene	ND<345	4600	89	94	40-140	5.00	30
bis(2-Ethylhexyl)phthalate	ND<345	4600	94	100	40-140	7.00	30
Di-n-octylphthalate	ND<345	4600	96	102	40-140	6.00	30
Benzo[b]fluoranthene	ND<345	4600	94	100	40-140	7.00	30
Benzo[k]fluoranthene	ND<345	4600	94	98	40-140	4.00	30
Benzo[a]pyrene	ND<345	4600	91	96	40-140	5.00	30
Indeno[1,2,3-cd]pyrene	ND<345	4600	83	87	40-140	5.00	30
Dibenz[a,h]anthracene	ND<345	4600	83	89	40-140	8.00	30
Benzo[g,h,i]perylene	ND<345	4600	78	85	40-140	8.00	30

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration SVOC			
Benzyl Alcohol	69530	21 H	20
2,4-Dinitrophenol	69530	27 H	20

All associated samples: AE52627 AE52628 AE52629 AE52630 AE52631 AE52632 AE52633

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
Hexachlorocyclopentadiene	69530	32 L	35-65	10/14/2010
2,4-Dinitrophenol	69530	78 H	35-65	10/14/2010
4,6-Dinitro-2-methylphenol	69530	66 H	35-65	10/14/2010

All associated samples: AE52627 AE52628 AE52629 AE52630 AE52631 AE52632 AE52633

QC Batch Report

Total Metals Batch 69398

CET ID	Client Sample ID	Matrix	Collection Date
AE52627	TRS-1	Soil	10/8/2010

Conn. Extractable TPH Batch 69435

CET ID	Client Sample ID	Matrix	Collection Date
AE52627	TRS-1	Soil	10/8/2010
AE52628	TRS-2	Soil	10/8/2010
AE52629	TRS-3	Soil	10/8/2010
AE52630	TRS-4	Soil	10/8/2010
AE52631	TRS-5	Soil	10/8/2010
AE52632	TRS-6 Sidewall	Soil	10/8/2010
AE52633	TRS-7 Sidewall	Soil	10/8/2010

Total Metals Batch 69479

CET ID	Client Sample ID	Matrix	Collection Date
AE52628	TRS-2	Soil	10/8/2010
AE52629	TRS-3	Soil	10/8/2010
AE52630	TRS-4	Soil	10/8/2010
AE52631	TRS-5	Soil	10/8/2010
AE52632	TRS-6 Sidewall	Soil	10/8/2010
AE52633	TRS-7 Sidewall	Soil	10/8/2010

EPA 8270C Semi-Volatile Organics Batch 69530

CET ID	Client Sample ID	Matrix	Collection Date
AE52627	TRS-1	Soil	10/8/2010
AE52628	TRS-2	Soil	10/8/2010
AE52629	TRS-3	Soil	10/8/2010
AE52630	TRS-4	Soil	10/8/2010
AE52631	TRS-5	Soil	10/8/2010
AE52632	TRS-6 Sidewall	Soil	10/8/2010
AE52633	TRS-7 Sidewall	Soil	10/8/2010

SPLP Metals Batch 69532

CET ID	Client Sample ID	Matrix	Collection Date
AE52627	TRS-1	Soil	10/8/2010
AE52628	TRS-2	Soil	10/8/2010
AE52629	TRS-3	Soil	10/8/2010
AE52630	TRS-4	Soil	10/8/2010
AE52631	TRS-5	Soil	10/8/2010
AE52632	TRS-6 Sidewall	Soil	10/8/2010
AE52633	TRS-7 Sidewall	Soil	10/8/2010

Narrative

3. The samples were not received at appropriate temperature the temperature was 12.5 degrees and there was evidence of cooling.

4.Benzyl Alcohol matrix spike recovery low (19%) for sample AE52633.
Benzyl Alcohol matrix spike dup recovery low (16%) for sample AE52633.
2,6-Dichlorophenol matrix spike recovery low (ND<300%) for sample AE52633.
Hexachlorocyclopentadiene matrix spike recovery low (37%) for sample AE52633.
2,4-Dinitrophenol matrix spike recovery low (22%) for sample AE52633.
2,4-Dinitrophenol matrix spike dup recovery low (26%) for sample AE52633.
Benzyl Alcohol Initial Cal % RSD high(21%) for batch 69530.
2,4-Dinitrophenol Initial Cal % RSD high(27%) for batch 69530.
Hexachlorocyclopentadiene CC low for batch 69530.
2,4-Dinitrophenol CC high for batch 69530.
4,6-Dinitro-2-methylphenol CC high for batch 69530.

6. The client requested a subset of the RCP metals list.

Project: Parcel C South, Naugatuck
Cet#: 10100190

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
TRS-1	10/8/10 801	S				✓							X	X						X		X				
TRS-2	10/8/10 805					✓							X	X						X		X				
TRS-3	10/8/10 809					✓							X	X						X		X				
TRS-4	10/8/10 810					✓							X	X						X		X				
TRS-5	10/8/10 811					✓							X	X						X		X				
TRS-6 SIDEWALL	10/8/10 812					✓							X	X						X		X				
TRS-7 SIDEWALL	10/8/10 815	S				✓							X	X						X		X				

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Eggers	10/8/2010 852	A Duty
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: GeoDesign, Inc.

Address: 984 Southford Road

City: MIDDLEBURY State: CT Zip: 06762

Report To: AL KOVALIK E-mail: AKOVALIK@GEODESIGN.NET

Phone #: 203-758-8836 ext 113 Fax #: 203-758-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1

Project: PARCEL C SOUTH Project #: 3101-4.1

Location: NAUGATUCK, CT Collector(s): Chris G. Eggers

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☐ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 12.5 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

CET # 10100314

Report Date: October 15, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE53127	Petroleum SP	Soil	10/14/2010	11:00	10/14/2010
AE53128	ASH SP	Soil	10/14/2010	11:15	10/14/2010

Sample temperature upon receipt was 19 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/14/2010	10/14/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/14/2010	10/14/2010

Accelerated Solvent Ext.- PCBs [EPA 3545]

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/14/2010	10/14/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/14/2010	10/14/2010

Closed System P&T Extraction [EPA 5035A]

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/15/2010	10/15/2010

TCLP, Metals [EPA 1311]

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/14/2010	10/14/2010

ANALYSIS:

TCLP Mercury [EPA 6020] Units: mg/l

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/15/2010	10/15/2010
TCLP Mercury	ND < 0.002	ND < 0.002

Total Mercury [EPA 7471B] Units: mg/kg (Dry Wt)

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/15/2010	10/15/2010
Total Mercury	0.52	1.6

Flash Point (Ignitability) [EPA 1010] Units: Degrees F

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/15/2010	10/15/2010
Flash Point (Ignitability)	>200	>200

Total Halogens [EPA 5050] Units: ppm

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/15/2010	10/15/2010
Total Halogens	ND < 500	ND < 500

Paint Filter Test [EPA 9095] Units: Std. units

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/14/2010	10/14/2010
Paint Filter Test	NO FREE LIQUID	NO FREE LIQUID

Reactivity (Cyanide) [SW 846 CH.7] Units: mg/kg

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/15/2010	10/15/2010
Reactivity (Cyanide)	ND < 5.0	ND < 5.0

Reactivity (Sulfide) [SW 846 CH.7] Units: mg/kg

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/15/2010	10/15/2010
Reactivity (Sulfide)	ND < 20	ND < 20

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/14/2010	10/14/2010
Total Solids	90	85

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/14/2010	10/14/2010
Dilution	1.0	1.0
Lead	130	1100
Selenium	2.2	4.2
Cadmium	ND < 1.0	ND < 1.0
Chromium	13	15
Arsenic	3.3	4.9
Barium	68	130
Silver	ND < 2.5	ND < 2.5

TCLP Metals [EPA 6020A] Units: mg/l

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/15/2010	10/15/2010
Dilution	1.0	1.0
Lead	0.76	3.2
Selenium	ND < 0.05	ND < 0.05
Cadmium	ND < 0.005	ND < 0.005
Chromium	ND < 0.05	ND < 0.05
Arsenic	ND < 0.05	ND < 0.05
Barium	0.78	1.5
Silver	ND < 0.02	ND < 0.02

EPA 8082 PCBs [EPA 8082] Units: mg/kg (Dry Wt)

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/15/2010	10/15/2010
Dilution	1.0	1.0
PCB-1016	ND < 0.30	ND < 0.30
PCB-1221	ND < 0.30	ND < 0.30
PCB-1232	ND < 0.30	ND < 0.30
PCB-1242	ND < 0.30	ND < 0.30
PCB-1248	ND < 0.30	ND < 0.30
PCB-1254	ND < 0.30	ND < 0.30
PCB-1260	ND < 0.30	ND < 0.30
PCB-1268	ND < 0.30	ND < 0.30
TCMX (Surr 1) 50-150	95	92
DCB (Surr 2) 50-150	71	55

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/14/2010	10/14/2010
Dilution	1.0	1.0
Pyridine	ND < 334	ND < 353
n-Nitroso-dimethylamine	ND < 334	ND < 353
bis(2-Chloroethyl)ether	ND < 334	ND < 353
Phenol	ND < 334	ND < 353
Aniline	ND < 334	ND < 353
2-Chlorophenol	ND < 334	ND < 353
1,3-Dichlorobenzene	ND < 334	ND < 353
1,4-Dichlorobenzene	ND < 334	ND < 353
Benzyl Alcohol	ND < 334	ND < 353
1,2-Dichlorobenzene	ND < 334	ND < 353
bis(2-chloroisopropyl)ether	ND < 334	ND < 353
Hexachloroethane	ND < 334	ND < 353
N-Nitroso-di-n-propylamine	ND < 334	ND < 353
2-Methyl Phenol	ND < 334	ND < 353
3+4 Methyl Phenol	ND < 334	ND < 353
Nitrobenzene	ND < 334	ND < 353
Isophorone	ND < 334	ND < 353
2-Nitrophenol	ND < 334	ND < 353
2,4-Dimethylphenol	ND < 334	ND < 353
bis(2-Chloroethoxy)methane	ND < 334	ND < 353
Benzoic Acid	ND < 334	ND < 353
2,4-Dichlorophenol	ND < 334	ND < 353
1,2,4-Trichlorobenzene	ND < 334	ND < 353
Naphthalene	ND < 334	ND < 353
2,6-Dichlorophenol	ND < 334	ND < 353
4-Chloroaniline	ND < 334	ND < 353
Hexachlorobutadiene	ND < 334	ND < 353
4-Chloro-3-methylphenol	ND < 334	ND < 353
2-Methyl Naphthalene	460	ND < 353
Hexachlorocyclopentadiene	ND < 334	ND < 353

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Petroleum SP	ASH SP
2,4,6-Trichlorophenol	ND < 334	ND < 353
2,4,5-Trichlorophenol	ND < 334	ND < 353
2-Chloronaphthalene	ND < 334	ND < 353
2-Nitroaniline	ND < 334	ND < 353
Acenaphthylene	ND < 334	ND < 353
Dimethylphthalate	ND < 334	ND < 353
2,6-Dinitrotoluene	ND < 334	ND < 353
4-Nitroaniline	ND < 334	ND < 353
Acenaphthene	ND < 334	ND < 353
2,4-Dinitrophenol	ND < 334	ND < 353
2,4-Dinitrotoluene	ND < 334	ND < 353
4-Nitrophenol	ND < 334	ND < 353
Dibenzofuran	ND < 334	ND < 353
2,3,4,6-Tetrachlorophenol	ND < 334	ND < 353
Fluorene	470	ND < 353
4-Chlorophenyl-phenylether	ND < 334	ND < 353
Diethylphthalate	ND < 334	ND < 353
3-Nitroaniline	ND < 334	ND < 353
4,6-Dinitro-2-methylphenol	ND < 334	ND < 353
n-Nitrosodiphenylamine	ND < 334	ND < 353
Azobenzene	ND < 334	ND < 353
4-Bromophenyl-phenylether	ND < 334	ND < 353
Hexachlorobenzene	ND < 334	ND < 353
Pentachlorophenol	ND < 334	ND < 353
Phenanthrene	1400	ND < 353
Anthracene	ND < 334	ND < 353
Carbazole	ND < 334	ND < 353
Di-n-butylphthalate	ND < 334	ND < 353
Fluoranthene	1700	ND < 353
Pyrene	2400	ND < 353
Butylbenzylphthalate	ND < 334	ND < 353
3,3-Dichlorobenzidine	ND < 334	ND < 353
Benzo[a]anthracene	1100	ND < 353
Chrysene	1400	ND < 353
bis(2-Ethylhexyl)phthalate	ND < 334	ND < 353
Di-n-octylphthalate	ND < 334	ND < 353
Benzo[b]fluoranthene	1100	ND < 353
Benzo[k]fluoranthene	540	ND < 353
Benzo[a]pyrene	1000	ND < 353
Indeno[1,2,3-cd]pyrene	410	ND < 353
Dibenz[a,h]anthracene	ND < 334	ND < 353
Benzo[g,h,i]perylene	540	ND < 353
2-Fluorophenol (Surr) 30-130	72.9	68.1
Phenol-d5 (Surr) 30-130	73	69.5
Nitrobenzene-d5(Surr) 30-130	77.9	69.6
2-Fluorobiphenyl (Surr) 30-130	89	79.8
2,4,6-Tribromophenol (Surr) 30-130	91.1	81.3
Terphenyl-d14 (Surr) 30-130	62.3	62.6

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Petroleum SP	ASH SP
CET ID	AE53127	AE53128
Date Analyzed	10/14/2010	10/14/2010
Dilution	1.0	1.0
ETPH	5600*	ND < 59
Octacosane (surr) 50-150	93.2	101

*C_9-C_{36} Unknown

Volatile Org. Dilution [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	Petroleum SP
CET ID	AE53127
Date Analyzed	10/14/2010
Dilution	45.2
Dichlorodifluoromethane	ND < 500
Chloromethane	ND < 140
Vinyl Chloride	ND < 81
Bromomethane	ND < 250
Chloroethane	ND < 250
Acetone	ND < 2500
Acrylonitrile	ND < 1000
Trichlorofluoromethane	ND < 1300
Trichlorotrifluoroethane	ND < 1300
1,1-Dichloroethene	ND < 51
Methylene Chloride	ND < 250
Carbon Disulfide	ND < 250
Methyl-t-Butyl Ether (MTBE)	ND < 250
trans-1,2-Dichloroethene	ND < 51
1,1-Dichloroethane	ND < 51
2-Butanone (MEK)	ND < 1300
2,2-Dichloropropane	ND < 51
cis-1,2-Dichloroethene	ND < 51
Chloroform	ND < 51
Tetrahydrofuran	ND < 250
1,1,1-Trichloroethane	ND < 51
Carbon Tetrachloride	ND < 51
1,1-Dichloropropene	ND < 51
Benzene	ND < 51
1,2-Dichloroethane	ND < 51
Methyl Isobutyl Ketone	ND < 1300
Trichloroethene	ND < 51
1,2-Dichloropropane	ND < 51
Dibromomethane	ND < 51
Bromodichloromethane	ND < 51
2-Hexanone	ND < 1300
cis-1,3-Dichloropropene	ND < 51
Toluene	ND < 51
trans-1,3-Dichloropropene	ND < 51
1,1,2-Trichloroethane	ND < 51
Tetrachloroethene	ND < 51
1,3-Dichloropropane	ND < 51
Dibromochloromethane	ND < 51

Volatile Org. Dilution [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	Petroleum SP
1,2-Dibromoethane	ND < 51
trans-1,4-Dichloro-2-Butene	ND < 500
Chlorobenzene	ND < 51
1,1,1,2-Tetrachloroethane	ND < 51
Ethylbenzene	ND < 51
m+p Xylenes	ND < 51
o-Xylene	ND < 51
Styrene	ND < 51
Bromoform	ND < 51
Isopropylbenzene	ND < 51
1,1,2,2-Tetrachloroethane	ND < 51
Bromobenzene	ND < 51
1,2,3-Trichloropropane	ND < 51
n-Propylbenzene	ND < 51
2-Chlorotoluene	ND < 51
4-Chlorotoluene	ND < 51
1,3,5-Trimethylbenzene	ND < 51
tert-Butylbenzene	ND < 51
1,2,4-Trimethylbenzene	ND < 51
sec-Butylbenzene	ND < 51
1,3-Dichlorobenzene	ND < 51
4-Isopropyltoluene	ND < 51
1,4-Dichlorobenzene	ND < 51
1,2-Dichlorobenzene	ND < 51
n-Butylbenzene	ND < 51
1,2-Dibromo-3-Chloropropane	ND < 51
1,2,4-Trichlorobenzene	ND < 51
Hexachlorobutadiene	ND < 51
Naphthalene	ND < 51
1,2,3-Trichlorobenzene	ND < 51
1,2 Dichloroethane-d4 (SURR) 70-130	103
toluene-d8 (SURR) 70-130	103
4-bromofluorobenzene (SURR) 70-130	104

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	ASH SP
CET ID	AE53128
Date Analyzed	10/14/2010
Dilution	1.9
Dichlorodifluoromethane	ND < 17
Chloromethane	ND < 12
Vinyl Chloride	ND < 6.0
Bromomethane	ND < 12
Chloroethane	ND < 12
Acetone	ND < 170
Acrylonitrile	ND < 10
Trichlorofluoromethane	ND < 17
Trichlorotrifluoroethane	ND < 34
1,1-Dichloroethene	ND < 6.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	ASH SP
Methylene Chloride	ND < 57
Carbon Disulfide	ND < 12
Methyl-t-Butyl Ether (MTBE)	ND < 6.0
trans-1,2-Dichloroethene	ND < 6.0
1,1-Dichloroethane	ND < 6.0
2-Butanone (MEK)	ND < 29
2,2-Dichloropropane	ND < 6.0
cis-1,2-Dichloroethene	ND < 6.0
Chloroform	ND < 6.0
Tetrahydrofuran	ND < 29
1,1,1-Trichloroethane	ND < 6.0
Carbon Tetrachloride	ND < 6.0
1,1-Dichloropropene	ND < 6.0
Benzene	ND < 6.0
1,2-Dichloroethane	ND < 6.0
Methyl Isobutyl Ketone	ND < 29
Trichloroethene	ND < 6.0
1,2-Dichloropropane	ND < 6.0
Dibromomethane	ND < 6.0
Bromodichloromethane	ND < 6.0
2-Hexanone	ND < 29
cis-1,3-Dichloropropene	ND < 6.0
Toluene	ND < 6.0
trans-1,3-Dichloropropene	ND < 6.0
1,1,2-Trichloroethane	ND < 6.0
Tetrachloroethene	ND < 6.0
1,3-Dichloropropane	ND < 6.0
Dibromochloromethane	ND < 6.0
1,2-Dibromoethane	ND < 6.0
trans-1,4-Dichloro-2-Butene	ND < 29
Chlorobenzene	ND < 6.0
1,1,1,2-Tetrachloroethane	ND < 6.0
Ethylbenzene	ND < 6.0
m+p Xylenes	ND < 6.0
o-Xylene	ND < 6.0
Styrene	ND < 6.0
Bromoform	ND < 6.0
Isopropylbenzene	ND < 6.0
1,1,2,2-Tetrachloroethane	ND < 6.0
Bromobenzene	ND < 6.0
1,2,3-Trichloropropane	ND < 6.0
n-Propylbenzene	ND < 6.0
2-Chlorotoluene	ND < 6.0
4-Chlorotoluene	ND < 6.0
1,3,5-Trimethylbenzene	ND < 6.0
tert-Butylbenzene	ND < 6.0
1,2,4-Trimethylbenzene	ND < 6.0
sec-Butylbenzene	ND < 6.0
1,3-Dichlorobenzene	ND < 6.0
4-Isopropyltoluene	ND < 6.0
1,4-Dichlorobenzene	ND < 6.0
1,2-Dichlorobenzene	ND < 6.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	ASH SP
n-Butylbenzene	ND < 6.0
1,2-Dibromo-3-Chloropropane	ND < 6.0
1,2,4-Trichlorobenzene	ND < 6.0
Hexachlorobutadiene	ND < 6.0
Naphthalene	ND < 6.0
1,2,3-Trichlorobenzene	ND < 6.0
1,2 Dichloroethane-d4 (SURR) 70-130	115
toluene-d8 (SURR) 70-130	98.5
4-bromofluorobenzene (SURR) 70-130	106

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

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CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer

Client:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA Total	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Additional Analysis: Total Halogens	Flashpoint	8 RCRA TCLP	Total Mercury	Total Chromium	Paint Filter	Reactivity		TOTAL # OF CONT.	NOTE #
Petroleum SP	10/14/10 - 11:00	S			X		X						X	X		X			X						X	X	X	X	X	X	X		6	
ASH SP	10/14/10 - 11:15	S			X		X						X	X		X			X						X	X	X	X	X	X	X		6	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

12

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	10/14/10-11:24	[illegible] 12:27
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Need Results by Fri morning or latest end of Day. Also send Results to Chris Eggers @ CEggers@geodesign.NET

Client / Reporting Information

Company Name: GeoDesign Inc
Address: 984 Southford Road
City: Middlebury State: CT Zip: 06762
Report To: AL Kovalik E-mail: AKovalik@geodesign.NET
Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1
Project: Parcel C South Project #: 3101-4.1
Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or (N)
Temp Upon Receipt: -19 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3104-4.1

Laboratory Sample ID(s): AE53127-AE53128 ***Sampling Date(s):*** 10/14/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10100314

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☐Yes ☒ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 10/22/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10100314

Blank/LCS Report

QA Type: Volatile Organics Date Analyzed: 10/14/2010 Batch ID: 69512

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	151 H	70-130
Chloromethane	ND<2.7	153 H	70-130
Vinyl Chloride	ND<1.6	93	70-130
Bromomethane	ND<5.0	129	70-130
Chloroethane	ND<5.0	149 H	70-130
Acetone	ND<50	102	70-130
Acrylonitrile	ND<20	124	70-130
Trichlorofluoromethane	ND<25	99	70-130
Trichlorotrifluoroethane	ND<25	116	70-130
1,1-Dichloroethene	ND<1.0	111	70-130
Methylene Chloride	ND<5.0	125	70-130
Carbon Disulfide	ND<5.0	146 H	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	108	70-130
trans-1,2-Dichloroethene	ND<1.0	107	70-130
1,1-Dichloroethane	ND<1.0	106	70-130
2-Butanone (MEK)	ND<25	105	70-130
2,2-Dichloropropane	ND<1.0	97	70-130
cis-1,2-Dichloroethene	ND<1.0	101	70-130
Chloroform	ND<1.0	93	70-130
Tetrahydrofuran	ND<5.0	120	70-130
1,1,1-Trichloroethane	ND<1.0	84	70-130
Carbon Tetrachloride	ND<1.0	89	70-130
1,1-Dichloropropene	ND<1.0	98	70-130
Benzene	ND<1.0	104	70-130
1,2-Dichloroethane	ND<1.0	82	70-130
Methyl Isobutyl Ketone	ND<25	97	70-130
Trichloroethene	ND<1.0	90	70-130
1,2-Dichloropropane	ND<1.0	102	70-130
Dibromomethane	ND<1.0	95	70-130
Bromodichloromethane	ND<0.5	88	70-130
2-Hexanone	ND<25	93	70-130
cis-1,3-Dichloropropene	ND<0.5	92	70-130

Project: Parcel C South, Naugatuck
Cet#: 10100314

QA Type: Volatile Organics Date Analyzed: 10/14/2010 Batch ID: 69512

Analyte	Blank	LCS%Rec	LCS CL
Toluene	ND<1.0	92	70-130
trans-1,3-Dichloropropene	ND<0.5	92	70-130
1,1,2-Trichloroethane	ND<1.0	93	70-130
Tetrachloroethene	ND<1.0	94	70-130
1,3-Dichloropropane	ND<1.0	95	70-130
Dibromochloromethane	ND<0.5	85	70-130
1,2-Dibromoethane	ND<0.5	91	70-130
Chlorobenzene	ND<1.0	92	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	86	70-130
Ethylbenzene	ND<1.0	83	70-130
m+p Xylenes	ND<1.0	80	70-130
o-Xylene	ND<1.0	80	70-130
Styrene	ND<1.0	90	70-130
Bromoform	ND<1.0	83	70-130
Isopropylbenzene	ND<1.0	83	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	99	70-130
Bromobenzene	ND<1.0	94	70-130
1,2,3-Trichloropropane	ND<1.0	110	70-130
n-Propylbenzene	ND<1.0	99	70-130
2-Chlorotoluene	ND<1.0	85	70-130
4-Chlorotoluene	ND<1.0	117	70-130
1,3,5-Trimethylbenzene	ND<1.0	88	70-130
tert-Butylbenzene	ND<1.0	93	70-130
1,2,4-Trimethylbenzene	ND<1.0	77	70-130
sec-Butylbenzene	ND<1.0	97	70-130
1,3-Dichlorobenzene	ND<1.0	96	70-130
4-Isopropyltoluene	ND<1.0	95	70-130
1,4-Dichlorobenzene	ND<1.0	96	70-130
1,2-Dichlorobenzene	ND<1.0	96	70-130
n-Butylbenzene	ND<1.0	96	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	98	70-130
1,2,4-Trichlorobenzene	ND<1.0	94	70-130
Hexachlorobutadiene	ND<0.45	95	70-130
Naphthalene	ND<1.0	88	70-130
1,2,3-Trichlorobenzene	ND<1.0	94	70-130

All associated samples: AE53128

QA Type: Volatile Org. Dilution Date Analyzed: 10/14/2010 Batch ID: 69513

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<25	112	70-130
Chloromethane	ND<5.0	94	70-130
Vinyl Chloride	ND<5.0	93	70-130
Bromomethane	ND<5.0	84	70-130
Chloroethane	ND<5.0	82	70-130
Acetone	ND<100	93	70-130
Acrylonitrile	ND<100	100	70-130
Trichlorofluoromethane	ND<5.0	112	70-130
Trichlorotrifluoroethane	ND<25	78	70-130
1,1-Dichloroethene	ND<5.0	83	70-130
Methylene Chloride	ND<5.0	84	70-130
Carbon Disulfide	ND<5.0	89	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	102	70-130
trans-1,2-Dichloroethene	ND<5.0	96	70-130

Project: Parcel C South, Naugatuck
Cet#: 10100314

QA Type: Volatile Org. Dilution Date Analyzed: 10/14/2010 Batch ID: 69513

Analyte	Blank	LCS%Rec	LCS CL
1,1-Dichloroethane	ND<5.0	93	70-130
2-Butanone (MEK)	ND<25	87	70-130
2,2-Dichloropropane	ND<5.0	103	70-130
cis-1,2-Dichloroethene	ND<5.0	98	70-130
Chloroform	ND<5.0	92	70-130
Tetrahydrofuran	ND<25	103	70-130
1,1,1-Trichloroethane	ND<5.0	99	70-130
Carbon Tetrachloride	ND<5.0	101	70-130
1,1-Dichloropropene	ND<5.0	98	70-130
Benzene	ND<5.0	90	70-130
1,2-Dichloroethane	ND<5.0	103	70-130
Methyl Isobutyl Ketone	ND<25	100	70-130
Trichloroethene	ND<5.0	84	70-130
1,2-Dichloropropane	ND<5.0	90	70-130
Dibromomethane	ND<5.0	87	70-130
Bromodichloromethane	ND<5.0	97	70-130
2-Hexanone	ND<25	100	70-130
cis-1,3-Dichloropropene	ND<5.0	99	70-130
Toluene	ND<5.0	86	70-130
trans-1,3-Dichloropropene	ND<5.0	100	70-130
1,1,2-Trichloroethane	ND<5.0	87	70-130
Tetrachloroethene	ND<5.0	86	70-130
1,3-Dichloropropane	ND<5.0	94	70-130
Dibromochloromethane	ND<5.0	93	70-130
1,2-Dibromoethane	ND<5.0	87	70-130
Chlorobenzene	ND<5.0	81	70-130
1,1,1,2-Tetrachloroethane	ND<5.0	88	70-130
Ethylbenzene	ND<5.0	85	70-130
m+p Xylenes	ND<5.0	86	70-130
o-Xylene	ND<5.0	92	70-130
Styrene	ND<5.0	90	70-130
Bromoform	ND<5.0	96	70-130
Isopropylbenzene	ND<5.0	92	70-130
1,1,2,2-Tetrachloroethane	ND<5.0	97	70-130
Bromobenzene	ND<5.0	86	70-130
1,2,3-Trichloropropane	ND<5.0	84	70-130
n-Propylbenzene	ND<5..0	86	70-130
2-Chlorotoluene	ND<5.0	87	70-130
4-Chlorotoluene	ND<5.0	85	70-130
1,3,5-Trimethylbenzene	ND<5.0	87	70-130
tert-Butylbenzene	ND<5.0	88	70-130
1,2,4-Trimethylbenzene	ND<5.0	89	70-130
sec-Butylbenzene	ND<5.0	90	70-130
1,3-Dichlorobenzene	ND<5.0	87	70-130
4-Isopropyltoluene	ND<5.0	90	70-130
1,4-Dichlorobenzene	ND<5.0	83	70-130
1,2-Dichlorobenzene	ND<5.0	90	70-130
n-Butylbenzene	ND<5.0	91	70-130
1,2-Dibromo-3-Chloropropane	ND<5.0	86	70-130
1,2,4-Trichlorobenzene	ND<5.0	90	70-130
Hexachlorobutadiene	ND<5.0	91	70-130
Naphthalene	ND<5.0	98	70-130
1,2,3-Trichlorobenzene	ND<5.0	95	70-130

All associated samples: AE53127

Project: Parcel C South, Naugatuck
Cet#: 10100314

QA Type: Conn. Extractable TPH Date Analyzed: 10/14/2010 Batch ID: 69516

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	92	60-120

All associated samples: AE53127 AE53128

QA Type: EPA 8082 PCBs Date Analyzed: 10/15/2010 Batch ID: 69523

Analyte	Blank	LCS%Rec	LCS CL
PCB-1016	ND<0.30	90	40-140
PCB-1260	ND<0.30	87	40-140

All associated samples: AE53127 AE53128

QA Type: Total Metals Date Analyzed: 10/14/2010 Batch ID: 69527

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	91	80-120
Selenium	ND<1.0	93	80-120
Cadmium	ND<0.5	94	80-120
Chromium	ND<2.0	98	80-120
Arsenic	ND<1.0	92	80-120
Barium	ND<2.0	90	80-120
Silver	ND<2.0	95	80-120

All associated samples: AE53127 AE53128

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/14/2010 Batch ID: 69530

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	47	30-130
n-Nitroso-dimethylamine	ND<300	59	40-140
bis(2-Chloroethyl)ether	ND<300	70	40-140
Phenol	ND<300	66	30-130
Aniline	ND<300	64	30-130
2-Chlorophenol	ND<300	76	30-130
1,3-Dichlorobenzene	ND<300	68	40-140
1,4-Dichlorobenzene	ND<300	70	40-140
Benzyl Alcohol	ND<300	66	30-130
1,2-Dichlorobenzene	ND<300	71	40-140
bis(2-chloroisopropyl)ether	ND<300	65	40-140
Hexachloroethane	ND<300	70	40-140
N-Nitroso-di-n-propylamine	ND<300	68	40-140
2-Methyl Phenol	ND<300	73	30-130
3+4 Methyl Phenol	ND<300	73	30-130
Nitrobenzene	ND<300	71	40-140
Isophorone	ND<300	72	40-140
2-Nitrophenol	ND<300	77	30-130
2,4-Dimethylphenol	ND<300	67	30-130
bis(2-Chloroethoxy)methane	ND<300	73	40-140
2,4-Dichlorophenol	ND<300	82	30-130
1,2,4-Trichlorobenzene	ND<300	80	40-140
Naphthalene	ND<300	76	40-140
4-Chloroaniline	ND<300	77	30-130
Hexachlorobutadiene	ND<300	77	40-140
4-Chloro-3-methylphenol	ND<300	83	30-130
2-Methyl Naphthalene	ND<300	79	40-140
Hexachlorocyclopentadiene	ND<300	50	40-140
2,4,6-Trichlorophenol	ND<300	80	30-130
2,4,5-Trichlorophenol	ND<300	87	30-130

Project: Parcel C South, Naugatuck
Cet#: 10100314

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/14/2010 Batch ID: 69530

Analyte	Blank	LCS%Rec	LCS CL
2-Chloronaphthalene	ND<300	77	30-130
2-Nitroaniline	ND<300	86	30-130
Acenaphthylene	ND<300	80	40-140
Dimethylphthalate	ND<300	91	40-140
2,6-Dinitrotoluene	ND<300	86	40-140
4-Nitroaniline	ND<300	99	30-130
Acenaphthene	ND<300	83	40-140
2,4-Dinitrophenol	ND<300	122	30-130
2,4-Dinitrotoluene	ND<300	93	40-140
4-Nitrophenol	ND<300	68	30-130
Dibenzofuran	ND<300	88	40-140
Fluorene	ND<300	89	40-140
4-Chlorophenyl-phenylether	ND<300	90	40-140
Diethylphthalate	ND<300	93	40-140
3-Nitroaniline	ND<300	80	30-130
4,6-Dinitro-2-methylphenol	ND<300	112	30-130
n-Nitrosodiphenylamine	ND<300	99	40-140
Azobenzene	ND<300	76	40-140
4-Bromophenyl-phenylether	ND<300	88	40-140
Hexachlorobenzene	ND<300	86	40-140
Pentachlorophenol	ND<300	78	30-130
Phenanthrene	ND<300	91	40-140
Anthracene	ND<300	91	40-140
Di-n-butylphthalate	ND<300	95	40-140
Fluoranthene	ND<300	96	40-140
Pyrene	ND<300	97	40-140
Butylbenzylphthalate	ND<300	97	40-140
Benzo[a]anthracene	ND<300	93	40-140
Chrysene	ND<300	95	40-140
bis(2-Ethylhexyl)phthalate	ND<300	100	40-140
Di-n-octylphthalate	ND<300	101	40-140
Benzo[b]fluoranthene	ND<300	93	40-140
Benzo[k]fluoranthene	ND<300	102	40-140
Benzo[a]pyrene	ND<300	96	40-140
Indeno[1,2,3-cd]pyrene	ND<300	82	40-140
Dibenz[a,h]anthracene	ND<300	79	40-140
Benzo[g,h,i]perylene	ND<300	84	40-140

All associated samples: AE53127 AE53128

QA Type: Total Mercury Date Analyzed: 10/15/2010 Batch ID: 69531

Analyte	Blank	LCS%Rec	LCS CL
Total Mercury	ND<0.002	99	80-120

All associated samples: AE53127 AE53128

QA Type: TCLP Metals Date Analyzed: 10/15/2010 Batch ID: 69533

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	96	80-120
Selenium	ND<0.05	96	80-120
Cadmium	ND<0.005	98	80-120
Chromium	ND<0.05	100	80-120
Arsenic	ND<0.05	102	80-120
Barium	ND<0.05	98	80-120
Silver	ND<0.02	94	80-120
Mercury	ND<0.002	93	80-120

All associated samples: AE53127 AE53128

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration VOC			
Vinyl Chloride	69512	24 H	20
Bromomethane	69512	22 H	20
Chloroethane	69512	21 H	20
Ethylbenzene	69512	23 H	20
m+p Xylenes	69512	34 H	20
o-Xylene	69512	22 H	20
1,2,4-Trimethylbenzene	69512	36 H	20
Naphthalene	69512	28 H	20
All associated samples: AE53128			
Initial Calibration SVOC			
Benzyl Alcohol	69530	21 H	20
2,4-Dinitrophenol	69530	27 H	20
All associated samples: AE53127 AE53128			

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Volatile Organics Cont Cal				
Dichlorodifluoromethane	69512	83 H	35-65	10/14/2010
Chloromethane	69512	85 H	35-65	10/14/2010
Vinyl Chloride	69512	70 H	35-65	10/14/2010
Bromomethane	69512	69 H	35-65	10/14/2010
Carbon Disulfide	69512	79 H	35-65	10/14/2010
All associated samples: AE53128				
Semi-Vol Cont Cal				
Hexachlorocyclopentadiene	69530	32 L	35-65	10/14/2010
2,4-Dinitrophenol	69530	78 H	35-65	10/14/2010
4,6-Dinitro-2-methylphenol	69530	66 H	35-65	10/14/2010
All associated samples: AE53127 AE53128				

QC Batch Report

Volatile Organics Batch 69512

CET ID	Client Sample ID	Matrix	Collection Date
AE53128	ASH SP	Soil	10/14/2010

Volatile Org. Dilution Batch 69513

CET ID	Client Sample ID	Matrix	Collection Date
AE53127	Petroleum SP	Soil	10/14/2010

Conn. Extractable TPH Batch 69516

CET ID	Client Sample ID	Matrix	Collection Date
AE53127	Petroleum SP	Soil	10/14/2010
AE53128	ASH SP	Soil	10/14/2010

EPA 8082 PCBs Batch 69523

CET ID	Client Sample ID	Matrix	Collection Date
AE53127	Petroleum SP	Soil	10/14/2010
AE53128	ASH SP	Soil	10/14/2010

Total Metals Batch 69527

CET ID	Client Sample ID	Matrix	Collection Date
AE53127	Petroleum SP	Soil	10/14/2010
AE53128	ASH SP	Soil	10/14/2010

EPA 8270C Semi-Volatile Organics Batch 69530

CET ID	Client Sample ID	Matrix	Collection Date
AE53127	Petroleum SP	Soil	10/14/2010
AE53128	ASH SP	Soil	10/14/2010

Total Mercury Batch 69531

CET ID	Client Sample ID	Matrix	Collection Date
AE53127	Petroleum SP	Soil	10/14/2010
AE53128	ASH SP	Soil	10/14/2010

TCLP Metals Batch 69533

CET ID	Client Sample ID	Matrix	Collection Date
AE53127	Petroleum SP	Soil	10/14/2010
AE53128	ASH SP	Soil	10/14/2010

Narrative

3. The samples were not received at appropriate temperature the temperature was 19 degrees and there was no evidence of cooling.

4. Dichlorodifluoromethane LCS recovery high (151%) for batch 69512.
   Chloromethane LCS recovery high (153%) for batch 69512.
   Chloroethane LCS recovery high (149%) for batch 69512.
   Carbon Disulfide LCS recovery high (146%) for batch 69512.
   Vinyl Chloride Initial Cal % RSD high(24%) for batch 69512.
   Bromomethane Initial Cal % RSD high(22%) for batch 69512.
   Chloroethane Initial Cal % RSD high(21%) for batch 69512.
   Ethylbenzene Initial Cal % RSD high(23%) for batch 69512.
   m+p Xylenes Initial Cal % RSD high(34%) for batch 69512.
   o-Xylene Initial Cal % RSD high(22%) for batch 69512.
   1,2,4-Trimethylbenzene Initial Cal % RSD high(36%) for batch 69512.
   Naphthalene Initial Cal % RSD high(28%) for batch 69512.
   Benzyl Alcohol Initial Cal % RSD high(21%) for batch 69530.
   2,4-Dinitrophenol Initial Cal % RSD high(27%) for batch 69530.
   Dichlorodifluoromethane CC high for batch 69512.
   Chloromethane CC high for batch 69512.
   Vinyl Chloride CC high for batch 69512.
   Bromomethane CC high for batch 69512.
   Carbon Disulfide CC high for batch 69512.
   Hexachlorocyclopentadiene CC low for batch 69530.
   2,4-Dinitrophenol CC high for batch 69530.
   4,6-Dinitro-2-methylphenol CC high for batch 69530.

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by client.

Project: Parcel C South, Naugatuck
Cet#: 10100314

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Sample ID	Date/Time	Matrix	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA Total	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Additional Analysis: Total Halogens	Flashpoint	8 RCRA TCLP	Total Mercury	Total Chromium	Paint Filter	Reactivity			TOTAL # OF CONT.	NOTE #
Petroleum SP	10/14/10 - 1100	S			X		X						X	X		X			X						X	X	X	X	X	X	X			6	
ASH SP	10/14/10 - 1115	S			X		X						X	X		X			X						X	X	X	X	X	X	X			6	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

12

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Ahmed Mushk	10/14/10 - 1124	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Need Results by Fri morning or latest end of Day. Also send Results to Chris Eggers @ CEggers@Geodesign.NET

Client / Reporting Information

Company Name: Geo Design Inc.
Address: 954 South Pond Road
City: Middlebury State: CT Zip: 06762
Report To: AL Kovalik E-mail: AKovalik@geodesign.net
Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-41
Project: Amal C Sarth Project #: 3101-41
Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 19 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

TRS-8,9,10,11
12,13,14,15,16

CET # 10100244

Report Date: October 14, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

NELAP ACCREDITED TNI LABORATORY

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE52823	TRS-8 4ft	Soil	10/11/2010	7:36	10/11/2010
AE52824	TRS-9 4ft	Soil	10/11/2010	7:40	10/11/2010
AE52825	TRS-10 4ft	Soil	10/11/2010	7:43	10/11/2010
AE52826	TRS-11 4ft	Soil	10/11/2010	7:45	10/11/2010
AE52827	TRS-12 6ft	Soil	10/11/2010	7:47	10/11/2010
AE52828	TRS-13 6ft	Soil	10/11/2010	7:50	10/11/2010
AE52829	TRS-14 6ft	Soil	10/11/2010	7:52	10/11/2010
AE52830	TRS South Wall 15 5f	Soil	10/11/2010	7:55	10/11/2010
AE52831	TRS South Wall 16 5f	Soil	10/11/2010	8:00	10/11/2010

Sample temperature upon receipt was 2.2 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	TRS-8 4ft	TRS-9 4ft	TRS-10 4ft	TRS-11 4ft
CET ID	AE52823	AE52824	AE52825	AE52826
Date Analyzed	10/12/2010	10/12/2010	10/12/2010	10/12/2010

Acid Digestion [EPA 3050B]

Client ID	TRS-12 6ft	TRS-13 6ft	TRS-14 6ft	TRS South Wall 15 5f
CET ID	AE52827	AE52828	AE52829	AE52830
Date Analyzed	10/12/2010	10/12/2010	10/12/2010	10/12/2010

Acid Digestion [EPA 3050B]

Client ID	TRS South Wall 16 5f
CET ID	AE52831
Date Analyzed	10/12/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	TRS-8 4ft	TRS-9 4ft	TRS-10 4ft	TRS-11 4ft
CET ID	AE52823	AE52824	AE52825	AE52826
Date Analyzed	10/13/2010	10/13/2010	10/13/2010	10/13/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	TRS-12 6ft	TRS-13 6ft	TRS-14 6ft	TRS South Wall 15 5f
CET ID	AE52827	AE52828	AE52829	AE52830
Date Analyzed	10/13/2010	10/13/2010	10/13/2010	10/13/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	TRS South Wall 16 5f
CET ID	AE52831
Date Analyzed	10/13/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TRS-8 4ft	TRS-9 4ft	TRS-10 4ft	TRS-11 4ft
CET ID	AE52823	AE52824	AE52825	AE52826
Date Analyzed	10/12/2010	10/12/2010	10/12/2010	10/12/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TRS-12 6ft	TRS-13 6ft	TRS-14 6ft	TRS South Wall 15 5f
CET ID	AE52827	AE52828	AE52829	AE52830
Date Analyzed	10/13/2010	10/13/2010	10/13/2010	10/13/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	TRS South Wall 16 5f
CET ID	AE52831
Date Analyzed	10/13/2010

SPLP, Metals [EPA 1312]

Client ID	TRS-8 4ft	TRS-9 4ft	TRS-10 4ft	TRS-11 4ft
CET ID	AE52823	AE52824	AE52825	AE52826
Date Analyzed	10/12/2010	10/12/2010	10/12/2010	10/12/2010

SPLP, Metals [EPA 1312]

Client ID	TRS-12 6ft	TRS-13 6ft	TRS-14 6ft	TRS South Wall 15 5f
CET ID	AE52827	AE52828	AE52829	AE52830
Date Analyzed	10/12/2010	10/12/2010	10/12/2010	10/12/2010

SPLP, Metals [EPA 1312]

Client ID	TRS South Wall 16 5f
CET ID	AE52831
Date Analyzed	10/12/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TRS-8 4ft	TRS-9 4ft	TRS-10 4ft	TRS-11 4ft
CET ID	AE52823	AE52824	AE52825	AE52826
Date Analyzed	10/12/2010	10/12/2010	10/12/2010	10/12/2010
Total Solids	91	91	91	90

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TRS-12 6ft	TRS-13 6ft	TRS-14 6ft	TRS South Wall 15 5f
CET ID	AE52827	AE52828	AE52829	AE52830
Date Analyzed	10/12/2010	10/12/2010	10/12/2010	10/12/2010
Total Solids	96	94	85	90

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TRS South Wall 16 5f
CET ID	AE52831
Date Analyzed	10/12/2010
Total Solids	82

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TRS-8 4ft	TRS-9 4ft	TRS-10 4ft	TRS-11 4ft
CET ID	AE52823	AE52824	AE52825	AE52826
Date Analyzed	10/12/2010	10/12/2010	10/12/2010	10/12/2010
Dilution	1.0	1.0	1.0	1.0
Lead	180	290	170	260

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TRS-12 6ft	TRS-13 6ft	TRS-14 6ft	TRS South Wall 15 5f
CET ID	AE52827	AE52828	AE52829	AE52830
Date Analyzed	10/12/2010	10/12/2010	10/12/2010	10/12/2010
Dilution	1.0	1.0	1.0	1.0
Lead	13	92	110	7.7

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TRS South Wall 16 5f
CET ID	AE52831
Date Analyzed	10/12/2010
Dilution	1.0
Lead	6.5

Metals Dup Result [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	TRS-8 4ft
CET ID	AE52823
Date Analyzed	10/12/2010
Dilution	1.0
Lead	170

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	TRS-8 4ft	TRS-9 4ft	TRS-10 4ft	TRS-11 4ft
CET ID	AE52823	AE52824	AE52825	AE52826
Date Analyzed	10/13/2010	10/13/2010	10/13/2010	10/13/2010
Dilution	1.0	1.0	1.0	1.0
Lead	0.016	ND < 0.013	ND < 0.013	0.016

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	TRS-12 6ft	TRS-13 6ft	TRS-14 6ft	TRS South Wall 15 5f
CET ID	AE52827	AE52828	AE52829	AE52830
Date Analyzed	10/13/2010	10/13/2010	10/13/2010	10/13/2010
Dilution	1.0	1.0	1.0	1.0
Lead	ND < 0.013	ND < 0.013	ND < 0.013	ND < 0.013

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	TRS South Wall 16 5f
CET ID	AE52831
Date Analyzed	10/13/2010
Dilution	1.0
Lead	ND < 0.013

SPLP Metals by ICP/MS Dup [EPA 6020A] Units: mg/l

Client ID	TRS-14 6ft
CET ID	AE52829
Date Analyzed	10/13/2010
Dilution	1.0
Lead	ND < 0.013

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS-8 4ft	TRS-9 4ft	TRS-10 4ft	TRS-11 4ft
CET ID	AE52823	AE52824	AE52825	AE52826
Date Analyzed	10/13/2010	10/13/2010	10/13/2010	10/14/2010
Dilution	1.0	1.0	1.0	1.0
Pyridine	ND < 330	ND < 330	ND < 330	ND < 334
n-Nitroso-dimethylamine	ND < 330	ND < 330	ND < 330	ND < 334
bis(2-Chloroethyl)ether	ND < 330	ND < 330	ND < 330	ND < 334
Phenol	ND < 330	ND < 330	ND < 330	ND < 334
Aniline	ND < 330	ND < 330	ND < 330	ND < 334
2-Chlorophenol	ND < 330	ND < 330	ND < 330	ND < 334
1,3-Dichlorobenzene	ND < 330	ND < 330	ND < 330	ND < 334
1,4-Dichlorobenzene	ND < 330	ND < 330	ND < 330	ND < 334
Benzyl Alcohol	ND < 330	ND < 330	ND < 330	ND < 334
1,2-Dichlorobenzene	ND < 330	ND < 330	ND < 330	ND < 334
bis(2-chloroisopropyl)ether	ND < 330	ND < 330	ND < 330	ND < 334
Hexachloroethane	ND < 330	ND < 330	ND < 330	ND < 334
N-Nitroso-di-n-propylamine	ND < 330	ND < 330	ND < 330	ND < 334
2-Methyl Phenol	ND < 330	ND < 330	ND < 330	ND < 334
3+4 Methyl Phenol	ND < 330	ND < 330	ND < 330	ND < 334
Nitrobenzene	ND < 330	ND < 330	ND < 330	ND < 334
Isophorone	ND < 330	ND < 330	ND < 330	ND < 334
2-Nitrophenol	ND < 330	ND < 330	ND < 330	ND < 334
2,4-Dimethylphenol	ND < 330	ND < 330	ND < 330	ND < 334
bis(2-Chloroethoxy)methane	ND < 330	ND < 330	ND < 330	ND < 334
Benzoic Acid	ND < 330	ND < 330	ND < 330	ND < 334
2,4-Dichlorophenol	ND < 330	ND < 330	ND < 330	ND < 334
1,2,4-Trichlorobenzene	ND < 330	ND < 330	ND < 330	ND < 334
Naphthalene	ND < 330	ND < 330	ND < 330	ND < 334
2,6-Dichlorophenol	ND < 330	ND < 330	ND < 330	ND < 334
4-Chloroaniline	ND < 330	ND < 330	ND < 330	ND < 334
Hexachlorobutadiene	ND < 330	ND < 330	ND < 330	ND < 334
4-Chloro-3-methylphenol	ND < 330	ND < 330	ND < 330	ND < 334
2-Methyl Naphthalene	ND < 330	ND < 330	ND < 330	ND < 334
Hexachlorocyclopentadiene	ND < 330	ND < 330	ND < 330	ND < 334
2,4,6-Trichlorophenol	ND < 330	ND < 330	ND < 330	ND < 334
2,4,5-Trichlorophenol	ND < 330	ND < 330	ND < 330	ND < 334
2-Chloronaphthalene	ND < 330	ND < 330	ND < 330	ND < 334
2-Nitroaniline	ND < 330	ND < 330	ND < 330	ND < 334
Acenaphthylene	ND < 330	ND < 330	ND < 330	ND < 334
Dimethylphthalate	ND < 330	ND < 330	ND < 330	ND < 334
2,6-Dinitrotoluene	ND < 330	ND < 330	ND < 330	ND < 334
4-Nitroaniline	ND < 330	ND < 330	ND < 330	ND < 334
Acenaphthene	ND < 330	ND < 330	500	ND < 334
2,4-Dinitrophenol	ND < 330	ND < 330	ND < 330	ND < 334
2,4-Dinitrotoluene	ND < 330	ND < 330	ND < 330	ND < 334
4-Nitrophenol	ND < 330	ND < 330	ND < 330	ND < 334
Dibenzofuran	ND < 330	ND < 330	ND < 330	ND < 334
2,3,4,6-Tetrachlorophenol	ND < 330	ND < 330	ND < 330	ND < 334
Fluorene	ND < 330	ND < 330	660	ND < 334
4-Chlorophenyl-phenylether	ND < 330	ND < 330	ND < 330	ND < 334
Diethylphthalate	ND < 330	ND < 330	ND < 330	ND < 334
3-Nitroaniline	ND < 330	ND < 330	ND < 330	ND < 334
4,6-Dinitro-2-methylphenol	ND < 330	ND < 330	ND < 330	ND < 334

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS-8 4ft	TRS-9 4ft	TRS-10 4ft	TRS-11 4ft
n-Nitrosodiphenylamine	ND < 330	ND < 330	ND < 330	ND < 334
Azobenzene	ND < 330	ND < 330	ND < 330	ND < 334
4-Bromophenyl-phenylether	ND < 330	ND < 330	ND < 330	ND < 334
Hexachlorobenzene	ND < 330	ND < 330	ND < 330	ND < 334
Pentachlorophenol	ND < 330	ND < 330	ND < 330	ND < 334
Phenanthrene	ND < 330	2800	8000	ND < 334
Anthracene	ND < 330	620	2300	ND < 334
Carbazole	ND < 330	610	1300	ND < 334
Di-n-butylphthalate	ND < 330	ND < 330	1900	530
Fluoranthene	ND < 330	3400	10000	390
Pyrene	ND < 330	2700	8200	ND < 334
Butylbenzylphthalate	ND < 330	ND < 330	ND < 330	ND < 334
3,3-Dichlorobenzidine	ND < 330	ND < 330	ND < 330	ND < 334
Benzo[a]anthracene	ND < 330	2300	7100	ND < 334
Chrysene	ND < 330	1800	5100	ND < 334
bis(2-Ethylhexyl)phthalate	ND < 330	ND < 330	ND < 330	ND < 334
Di-n-octylphthalate	ND < 330	ND < 330	ND < 330	ND < 334
Benzo[b]fluoranthene	ND < 330	2200	6700	350
Benzo[k]fluoranthene	ND < 330	890	2400	ND < 334
Benzo[a]pyrene	ND < 330	1400	5600	ND < 334
Indeno[1,2,3-cd]pyrene	ND < 330	1500	3500	ND < 334
Dibenz[a,h]anthracene	ND < 330	410	1000	ND < 334
Benzo[g,h,i]perylene	ND < 330	1700	3600	ND < 334
2-Fluorophenol (Surr) 30-130	66.1	64.2	69.5	64.3
Phenol-d5 (Surr) 30-130	72.9	74.6	79.3	72.8
Nitrobenzene-d5(Surr) 30-130	61.6	62.4	68.1	60.9
2-Fluorobiphenyl (Surr) 30-130	82.6	84.9	90.5	82.8
2,4,6-Tribromophenol (Surr) 30-130	94.4	97.2	103	98.1
Terphenyl-d14 (Surr) 30-130	64	60	56.4	63.8

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS-12 6ft	TRS-13 6ft	TRS-14 6ft	TRS South Wall 15 5f
CET ID	AE52827	AE52828	AE52829	AE52830
Date Analyzed	10/14/2010	10/14/2010	10/14/2010	10/14/2010
Dilution	1.0	1.0	1.0	1.0
Pyridine	ND < 313	ND < 320	ND < 353	ND < 334
n-Nitroso-dimethylamine	ND < 313	ND < 320	ND < 353	ND < 334
bis(2-Chloroethyl)ether	ND < 313	ND < 320	ND < 353	ND < 334
Phenol	ND < 313	ND < 320	ND < 353	ND < 334
Aniline	ND < 313	ND < 320	ND < 353	ND < 334
2-Chlorophenol	ND < 313	ND < 320	ND < 353	ND < 334
1,3-Dichlorobenzene	ND < 313	ND < 320	ND < 353	ND < 334
1,4-Dichlorobenzene	ND < 313	ND < 320	ND < 353	ND < 334
Benzyl Alcohol	ND < 313	ND < 320	ND < 353	ND < 334
1,2-Dichlorobenzene	ND < 313	ND < 320	ND < 353	ND < 334
bis(2-chloroisopropyl)ether	ND < 313	ND < 320	ND < 353	ND < 334
Hexachloroethane	ND < 313	ND < 320	ND < 353	ND < 334
N-Nitroso-di-n-propylamine	ND < 313	ND < 320	ND < 353	ND < 334
2-Methyl Phenol	ND < 313	ND < 320	ND < 353	ND < 334

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS-12 6ft	TRS-13 6ft	TRS-14 6ft	TRS South Wall 15 5f
3+4 Methyl Phenol	ND < 313	ND < 320	ND < 353	ND < 334
Nitrobenzene	ND < 313	ND < 320	ND < 353	ND < 334
Isophorone	ND < 313	ND < 320	ND < 353	ND < 334
2-Nitrophenol	ND < 313	ND < 320	ND < 353	ND < 334
2,4-Dimethylphenol	ND < 313	ND < 320	ND < 353	ND < 334
bis(2-Chloroethoxy)methane	ND < 313	ND < 320	ND < 353	ND < 334
Benzoic Acid	ND < 313	ND < 320	ND < 353	ND < 334
2,4-Dichlorophenol	ND < 313	ND < 320	ND < 353	ND < 334
1,2,4-Trichlorobenzene	ND < 313	ND < 320	ND < 353	ND < 334
Naphthalene	ND < 313	ND < 320	ND < 353	ND < 334
2,6-Dichlorophenol	ND < 313	ND < 320	ND < 353	ND < 334
4-Chloroaniline	ND < 313	ND < 320	ND < 353	ND < 334
Hexachlorobutadiene	ND < 313	ND < 320	ND < 353	ND < 334
4-Chloro-3-methylphenol	ND < 313	ND < 320	ND < 353	ND < 334
2-Methyl Naphthalene	ND < 313	ND < 320	ND < 353	ND < 334
Hexachlorocyclopentadiene	ND < 313	ND < 320	ND < 353	ND < 334
2,4,6-Trichlorophenol	ND < 313	ND < 320	ND < 353	ND < 334
2,4,5-Trichlorophenol	ND < 313	ND < 320	ND < 353	ND < 334
2-Chloronaphthalene	ND < 313	ND < 320	ND < 353	ND < 334
2-Nitroaniline	ND < 313	ND < 320	ND < 353	ND < 334
Acenaphthylene	ND < 313	ND < 320	ND < 353	ND < 334
Dimethylphthalate	ND < 313	ND < 320	ND < 353	ND < 334
2,6-Dinitrotoluene	ND < 313	ND < 320	ND < 353	ND < 334
4-Nitroaniline	ND < 313	ND < 320	ND < 353	ND < 334
Acenaphthene	ND < 313	ND < 320	ND < 353	ND < 334
2,4-Dinitrophenol	ND < 313	ND < 320	ND < 353	ND < 334
2,4-Dinitrotoluene	ND < 313	ND < 320	ND < 353	ND < 334
4-Nitrophenol	ND < 313	ND < 320	ND < 353	ND < 334
Dibenzofuran	ND < 313	ND < 320	ND < 353	ND < 334
2,3,4,6-Tetrachlorophenol	ND < 313	ND < 320	ND < 353	ND < 334
Fluorene	ND < 313	ND < 320	ND < 353	ND < 334
4-Chlorophenyl-phenylether	ND < 313	ND < 320	ND < 353	ND < 334
Diethylphthalate	ND < 313	ND < 320	ND < 353	ND < 334
3-Nitroaniline	ND < 313	ND < 320	ND < 353	ND < 334
4,6-Dinitro-2-methylphenol	ND < 313	ND < 320	ND < 353	ND < 334
n-Nitrosodiphenylamine	ND < 313	ND < 320	ND < 353	ND < 334
Azobenzene	ND < 313	ND < 320	ND < 353	ND < 334
4-Bromophenyl-phenylether	ND < 313	ND < 320	ND < 353	ND < 334
Hexachlorobenzene	ND < 313	ND < 320	ND < 353	ND < 334
Pentachlorophenol	ND < 313	ND < 320	ND < 353	ND < 334
Phenanthrene	ND < 313	ND < 320	640	ND < 334
Anthracene	ND < 313	ND < 320	ND < 353	ND < 334
Carbazole	ND < 313	ND < 320	ND < 353	ND < 334
Di-n-butylphthalate	ND < 313	ND < 320	ND < 353	ND < 334
Fluoranthene	ND < 313	ND < 320	900	ND < 334
Pyrene	ND < 313	ND < 320	700	ND < 334
Butylbenzylphthalate	ND < 313	ND < 320	ND < 353	ND < 334
3,3-Dichlorobenzidine	ND < 313	ND < 320	ND < 353	ND < 334
Benzo[a]anthracene	ND < 313	ND < 320	420	ND < 334
Chrysene	ND < 313	ND < 320	390	ND < 334
bis(2-Ethylhexyl)phthalate	ND < 313	ND < 320	ND < 353	ND < 334
Di-n-octylphthalate	ND < 313	ND < 320	ND < 353	ND < 334

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS-12 6ft	TRS-13 6ft	TRS-14 6ft	TRS South Wall 15 5f
Benzo[b]fluoranthene	ND < 313	ND < 320	470	ND < 334
Benzo[k]fluoranthene	ND < 313	ND < 320	ND < 353	ND < 334
Benzo[a]pyrene	ND < 313	ND < 320	ND < 353	ND < 334
Indeno[1,2,3-cd]pyrene	ND < 313	ND < 320	ND < 353	ND < 334
Dibenz[a,h]anthracene	ND < 313	ND < 320	ND < 353	ND < 334
Benzo[g,h,i]perylene	ND < 313	ND < 320	360	ND < 334
2-Fluorophenol (Surr) 30-130	71.6	68.3	70.4	65.8
Phenol-d5 (Surr) 30-130	82.6	77.3	74.7	69.8
Nitrobenzene-d5(Surr) 30-130	70.2	62.9	66.6	62.2
2-Fluorobiphenyl (Surr) 30-130	90.9	85.9	83.2	79.5
2,4,6-Tribromophenol (Surr) 30-130	103	104	104	96.7
Terphenyl-d14 (Surr) 30-130	90.8	92	92.3	75.4

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS South Wall 16 5f
CET ID	AE52831
Date Analyzed	10/14/2010
Dilution	1.0
Pyridine	ND < 366
n-Nitroso-dimethylamine	ND < 366
bis(2-Chloroethyl)ether	ND < 366
Phenol	ND < 366
Aniline	ND < 366
2-Chlorophenol	ND < 366
1,3-Dichlorobenzene	ND < 366
1,4-Dichlorobenzene	ND < 366
Benzyl Alcohol	ND < 366
1,2-Dichlorobenzene	ND < 366
bis(2-chloroisopropyl)ether	ND < 366
Hexachloroethane	ND < 366
N-Nitroso-di-n-propylamine	ND < 366
2-Methyl Phenol	ND < 366
3+4 Methyl Phenol	ND < 366
Nitrobenzene	ND < 366
Isophorone	ND < 366
2-Nitrophenol	ND < 366
2,4-Dimethylphenol	ND < 366
bis(2-Chloroethoxy)methane	ND < 366
Benzoic Acid	ND < 366
2,4-Dichlorophenol	ND < 366
1,2,4-Trichlorobenzene	ND < 366
Naphthalene	ND < 366
2,6-Dichlorophenol	ND < 366
4-Chloroaniline	ND < 366
Hexachlorobutadiene	ND < 366
4-Chloro-3-methylphenol	ND < 366
2-Methyl Naphthalene	ND < 366
Hexachlorocyclopentadiene	ND < 366
2,4,6-Trichlorophenol	ND < 366

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	TRS South Wall 16 5f
2,4,5-Trichlorophenol	ND < 366
2-Chloronaphthalene	ND < 366
2-Nitroaniline	ND < 366
Acenaphthylene	ND < 366
Dimethylphthalate	ND < 366
2,6-Dinitrotoluene	ND < 366
4-Nitroaniline	ND < 366
Acenaphthene	ND < 366
2,4-Dinitrophenol	ND < 366
2,4-Dinitrotoluene	ND < 366
4-Nitrophenol	ND < 366
Dibenzofuran	ND < 366
2,3,4,6-Tetrachlorophenol	ND < 366
Fluorene	ND < 366
4-Chlorophenyl-phenylether	ND < 366
Diethylphthalate	ND < 366
3-Nitroaniline	ND < 366
4,6-Dinitro-2-methylphenol	ND < 366
n-Nitrosodiphenylamine	ND < 366
Azobenzene	ND < 366
4-Bromophenyl-phenylether	ND < 366
Hexachlorobenzene	ND < 366
Pentachlorophenol	ND < 366
Phenanthrene	ND < 366
Anthracene	ND < 366
Carbazole	ND < 366
Di-n-butylphthalate	ND < 366
Fluoranthene	ND < 366
Pyrene	ND < 366
Butylbenzylphthalate	ND < 366
3,3-Dichlorobenzidine	ND < 366
Benzo[a]anthracene	ND < 366
Chrysene	ND < 366
bis(2-Ethylhexyl)phthalate	ND < 366
Di-n-octylphthalate	ND < 366
Benzo[b]fluoranthene	ND < 366
Benzo[k]fluoranthene	ND < 366
Benzo[a]pyrene	ND < 366
Indeno[1,2,3-cd]pyrene	ND < 366
Dibenz[a,h]anthracene	ND < 366
Benzo[g,h,i]perylene	ND < 366
2-Fluorophenol (Surr) 30-130	74.7
Phenol-d5 (Surr) 30-130	79
Nitrobenzene-d5(Surr) 30-130	69
2-Fluorobiphenyl (Surr) 30-130	88.9
2,4,6-Tribromophenol (Surr) 30-130	96.5
Terphenyl-d14 (Surr) 30-130	77.7

Conn. Extractable TPH Dup [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TRS-10 4ft	TRS South Wall 16 5f
CET ID	AE52825	AE52831
Date Analyzed	10/12/2010	10/13/2010
Dilution	1.0	1.0
ETPH	110*	ND < 61
Octacosane (surr)	85.1	113

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TRS-8 4ft	TRS-9 4ft	TRS-10 4ft	TRS-11 4ft
CET ID	AE52823	AE52824	AE52825	AE52826
Date Analyzed	10/12/2010	10/12/2010	10/12/2010	10/12/2010
Dilution	1.0	1.0	1.0	1.0
ETPH	ND < 55	200*	90*	160**
Octacosane (surr) 50-150	93.7	88.1	90	81.6

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TRS-12 6ft	TRS-13 6ft	TRS-14 6ft	TRS South Wall 15 5f
CET ID	AE52827	AE52828	AE52829	AE52830
Date Analyzed	10/13/2010	10/13/2010	10/13/2010	10/13/2010
Dilution	1.0	1.0	1.0	1.0
ETPH	ND < 53	ND < 54	ND < 59	ND < 56
Octacosane (surr) 50-150	110	111	112	111

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	TRS South Wall 16 5f
CET ID	AE52831
Date Analyzed	10/13/2010
Dilution	1.0
ETPH	ND < 61
Octacosane (surr) 50-150	111

*C_{18}-C_{36} May be PNA related
**C_{18}-C_{36} Motor oil range

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

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CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
TRS-8 @ 4'	10/11/10 - 736				X								X	X						X		X			1	
TRS-9 @ 4'	740				X								X	X						X		X			1	
TRS-10 @ 4'	743				X								X	X						X		X			1	
TRS-11 @ 4'	745				X								X	X						X		X			1	
TRS-12 @ 6'	747				X								X	X						X		X			1	
TRS-13 @ 6'	750				X								X	X						X		X			1	
TRS-14 @ 6'	752				X								X	X						X		X			1	
TRS/SOUTH WALL-15 @ 5'	755				X								X	X						X		X			1	
TRS/SOUTH WALL-16 @ 5'	800				X								X	X						X		X			1	
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)													C	C						C		C			9	
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)													G	G						G		G				

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	10/11/10 925	[signature]
[signature]	10-11-10 13	[signature]

NOTES:
Plese Also Send Results to Chris Eggers at CEggers@geodesign.NET

Client / Reporting Information

Company Name: GeoDesign INC
Address: 984 South Ford Road
City: Middlebury State: CT Zip: 06762
Report To: AL Kwalik E-mail: AKwalik@geodesign.NET
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: AL Kwalik PO #: 3101-4.1
Project: Parcel C South Project #: 3101-4.1
Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 2.2 °C
SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/08

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE52823-AE52831 ***Sampling Date(s):*** 10/11/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10100224

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 10/20/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10100244

Blank/LCS Report

QA Type: Conn. Extractable TPH Date Analyzed: 10/12/2010 Batch ID: 69443

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	90	60-120

All associated samples: AE52823 AE52824 AE52825 AE52826

QA Type: Total Metals Date Analyzed: 10/12/2010 Batch ID: 69454

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	105	80-120

All associated samples: AE52823 AE52824 AE52825 AE52826 AE52827 AE52828 AE52829 AE52830 AE52831

QA Type: Conn. Extractable TPH Date Analyzed: 10/13/2010 Batch ID: 69466

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	103	60-120

All associated samples: AE52827 AE52828 AE52829 AE52830 AE52831

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/13/2010 Batch ID: 69469

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	46	30-130
n-Nitroso-dimethylamine	ND<300	60	40-140
bis(2-Chloroethyl)ether	ND<300	75	40-140
Phenol	ND<300	75	30-130
Aniline	ND<300	68	30-130
2-Chlorophenol	ND<300	73	30-130
1,3-Dichlorobenzene	ND<300	74	40-140
1,4-Dichlorobenzene	ND<300	74	40-140
Benzyl Alcohol	ND<300	30	30-130
1,2-Dichlorobenzene	ND<300	77	40-140
bis(2-chloroisopropyl)ether	ND<300	68	40-140
Hexachloroethane	ND<300	69	40-140
N-Nitroso-di-n-propylamine	ND<300	70	40-140
2-Methyl Phenol	ND<300	76	30-130
3+4 Methyl Phenol	ND<300	75	30-130
Nitrobenzene	ND<300	67	40-140

Project: Parcel C South, Naugatuck
Cet#: 10100244

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/13/2010 Batch ID: 69469

Analyte	Blank	LCS%Rec	LCS CL
Isophorone	ND<300	69	40-140
2-Nitrophenol	ND<300	79	30-130
2,4-Dimethylphenol	ND<300	64	30-130
bis(2-Chloroethoxy)methane	ND<300	74	40-140
2,4-Dichlorophenol	ND<300	88	30-130
1,2,4-Trichlorobenzene	ND<300	86	40-140
Naphthalene	ND<300	77	40-140
4-Chloroaniline	ND<300	73	30-130
Hexachlorobutadiene	ND<300	93	40-140
4-Chloro-3-methylphenol	ND<300	75	30-130
2-Methyl Naphthalene	ND<300	79	40-140
Hexachlorocyclopentadiene	ND<300	73	40-140
2,4,6-Trichlorophenol	ND<300	71	30-130
2,4,5-Trichlorophenol	ND<300	80	30-130
2-Chloronaphthalene	ND<300	78	30-130
2-Nitroaniline	ND<300	79	30-130
Acenaphthylene	ND<300	74	40-140
Dimethylphthalate	ND<300	83	40-140
2,6-Dinitrotoluene	ND<300	83	40-140
4-Nitroaniline	ND<300	56	30-130
Acenaphthene	ND<300	78	40-140
2,4-Dinitrophenol	ND<300	63	30-130
2,4-Dinitrotoluene	ND<300	86	40-140
4-Nitrophenol	ND<300	60	30-130
Dibenzofuran	ND<300	84	40-140
Fluorene	ND<300	81	40-140
4-Chlorophenyl-phenylether	ND<300	83	40-140
Diethylphthalate	ND<300	79	40-140
3-Nitroaniline	ND<300	76	30-130
4,6-Dinitro-2-methylphenol	ND<300	81	30-130
n-Nitrosodiphenylamine	ND<300	89	40-140
Azobenzene	ND<300	72	40-140
4-Bromophenyl-phenylether	ND<300	98	40-140
Hexachlorobenzene	ND<300	98	40-140
Pentachlorophenol	ND<300	67	30-130
Phenanthrene	ND<300	84	40-140
Anthracene	ND<300	83	40-140
Di-n-butylphthalate	ND<300	90	40-140
Fluoranthene	ND<300	86	40-140
Pyrene	ND<300	86	40-140
Butylbenzylphthalate	ND<300	82	40-140
Benzo[a]anthracene	ND<300	91	40-140
Chrysene	ND<300	83	40-140
bis(2-Ethylhexyl)phthalate	ND<300	77	40-140
Di-n-octylphthalate	ND<300	87	40-140
Benzo[b]fluoranthene	ND<300	98	40-140
Benzo[k]fluoranthene	ND<300	96	40-140
Benzo[a]pyrene	ND<300	99	40-140
Indeno[1,2,3-cd]pyrene	ND<300	107	40-140
Dibenz[a,h]anthracene	ND<300	94	40-140
Benzo[g,h,i]perylene	ND<300	105	40-140

All associated samples: AE52823 AE52824 AE52825 AE52826

Project: Parcel C South, Naugatuck
Cet#: 10100244

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/13/2010 Batch ID: 69470

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	47	30-130
n-Nitroso-dimethylamine	ND<300	63	40-140
bis(2-Chloroethyl)ether	ND<300	79	40-140
Phenol	ND<300	72	30-130
Aniline	ND<300	68	30-130
2-Chlorophenol	ND<300	82	30-130
1,3-Dichlorobenzene	ND<300	73	40-140
1,4-Dichlorobenzene	ND<300	74	40-140
Benzyl Alcohol	ND<300	40	30-130
1,2-Dichlorobenzene	ND<300	76	40-140
bis(2-chloroisopropyl)ether	ND<300	75	40-140
Hexachloroethane	ND<300	68	40-140
N-Nitroso-di-n-propylamine	ND<300	76	40-140
2-Methyl Phenol	ND<300	81	30-130
3+4 Methyl Phenol	ND<300	81	30-130
Nitrobenzene	ND<300	77	40-140
Isophorone	ND<300	79	40-140
2-Nitrophenol	ND<300	73	30-130
2,4-Dimethylphenol	ND<300	80	30-130
bis(2-Chloroethoxy)methane	ND<300	82	40-140
2,4-Dichlorophenol	ND<300	87	30-130
1,2,4-Trichlorobenzene	ND<300	86	40-140
Naphthalene	ND<300	82	40-140
4-Chloroaniline	ND<300	71	30-130
Hexachlorobutadiene	ND<300	83	40-140
4-Chloro-3-methylphenol	ND<300	88	30-130
2-Methyl Naphthalene	ND<300	91	40-140
Hexachlorocyclopentadiene	ND<300	56	40-140
2,4,6-Trichlorophenol	ND<300	78	30-130
2,4,5-Trichlorophenol	ND<300	96	30-130
2-Chloronaphthalene	ND<300	83	30-130
2-Nitroaniline	ND<300	85	30-130
Acenaphthylene	ND<300	85	40-140
Dimethylphthalate	ND<300	97	40-140
2,6-Dinitrotoluene	ND<300	88	40-140
4-Nitroaniline	ND<300	77	30-130
Acenaphthene	ND<300	89	40-140
2,4-Dinitrophenol	ND<300	17 L	30-130
2,4-Dinitrotoluene	ND<300	91	40-140
4-Nitrophenol	ND<300	54	30-130
Dibenzofuran	ND<300	91	40-140
Fluorene	ND<300	89	40-140
4-Chlorophenyl-phenylether	ND<300	95	40-140
Diethylphthalate	ND<300	91	40-140
3-Nitroaniline	ND<300	72	30-130
4,6-Dinitro-2-methylphenol	ND<300	24 L	30-130
n-Nitrosodiphenylamine	ND<300	101	40-140
Azobenzene	ND<300	80	40-140
4-Bromophenyl-phenylether	ND<300	89	40-140
Hexachlorobenzene	ND<300	88	40-140
Pentachlorophenol	ND<300	80	30-130
Phenanthrene	ND<300	92	40-140
Anthracene	ND<300	93	40-140

Project: Parcel C South, Naugatuck
Cet#: 10100244

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/13/2010 Batch ID: 69470

Analyte	Blank	LCS%Rec	LCS CL
Di-n-butylphthalate	ND<300	100	40-140
Fluoranthene	ND<300	99	40-140
Pyrene	ND<300	100	40-140
Butylbenzylphthalate	ND<300	103	40-140
Benzo[a]anthracene	ND<300	96	40-140
Chrysene	ND<300	95	40-140
bis(2-Ethylhexyl)phthalate	ND<300	107	40-140
Di-n-octylphthalate	ND<300	109	40-140
Benzo[b]fluoranthene	ND<300	101	40-140
Benzo[k]fluoranthene	ND<300	102	40-140
Benzo[a]pyrene	ND<300	97	40-140
Indeno[1,2,3-cd]pyrene	ND<300	90	40-140
Dibenz[a,h]anthracene	ND<300	90	40-140
Benzo[g,h,i]perylene	ND<300	90	40-140

All associated samples: AE52827 AE52828 AE52829 AE52830 AE52831

QA Type: SPLP Metals Date Analyzed: 10/13/2010 Batch ID: 69485

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	98	80-120

All associated samples: AE52823 AE52824 AE52825 AE52826 AE52827 AE52828 AE52829 AE52830 AE52831

Project: Parcel C South, Naugatuck
Cet#: 10100244

Matrix Spike Report

QA Type: Total Metals Date Analyzed: 10/12/2010 Sample ID: AE52823 Client ID: TRS-8 4ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	180	27.5	#	#	75-125	#	35

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/13/2010 Sample ID: AE52824 Client ID: TRS-9 4ft

Analyte	SampRes	Amt	MS%R	MS CL
Pyridine	ND<330	4400	36	30-130
n-Nitroso-dimethylamine	ND<330	4400	52	40-140
bis(2-Chloroethyl)ether	ND<330	4400	73	40-140
Phenol	ND<330	4400	75	30-130
Aniline	ND<330	4400	61	30-130
2-Chlorophenol	ND<330	4400	70	30-130
1,3-Dichlorobenzene	ND<330	4400	66	40-140
1,4-Dichlorobenzene	ND<330	4400	68	40-140
Benzyl Alcohol	ND<330	4400	8 L	30-130
1,2-Dichlorobenzene	ND<330	4400	70	40-140
bis(2-chloroisopropyl)ether	ND<330	4400	68	40-140
Hexachloroethane	ND<330	4400	59	40-140
N-Nitroso-di-n-propylamine	ND<330	4400	68	40-140
2-Methyl Phenol	ND<330	4400	86	30-130
3+4 Methyl Phenol	ND<330	4400	70	30-130
Nitrobenzene	ND<330	4400	66	40-140
Isophorone	ND<330	4400	68	40-140
2-Nitrophenol	ND<330	4400	75	30-130
2,4-Dimethylphenol	ND<330	4400	61	30-130
bis(2-Chloroethoxy)methane	ND<330	4400	75	40-140
2,4-Dichlorophenol	ND<330	4400	86	30-130
1,2,4-Trichlorobenzene	ND<330	4400	84	40-140
Naphthalene	ND<330	4400	75	40-140
4-Chloroaniline	ND<330	4400	70	30-130
Hexachlorobutadiene	ND<330	4400	86	40-140
4-Chloro-3-methylphenol	ND<330	4400	75	30-130
2-Methyl Naphthalene	ND<330	4400	80	40-140
Hexachlorocyclopentadiene	ND<330	4400	61	40-140
2,4,6-Trichlorophenol	ND<330	4400	70	30-130
2,4,5-Trichlorophenol	ND<330	4400	98	30-130
2-Chloronaphthalene	ND<330	4400	80	40-140
2-Nitroaniline	ND<330	4400	82	30-130
Acenaphthylene	ND<330	4400	75	40-140
Dimethylphthalate	ND<330	4400	86	40-140
2,6-Dinitrotoluene	ND<330	4400	84	40-140
4-Nitroaniline	ND<330	4400	66	30-130
Acenaphthene	ND<330	4400	80	40-140
2,4-Dinitrophenol	ND<330	4400	9 L	30-130
2,4-Dinitrotoluene	ND<330	4400	86	40-140
4-Nitrophenol	ND<330	4400	73	30-130
Dibenzofuran	ND<330	4400	84	40-140

Project: Parcel C South, Naugatuck
Cet#: 10100244

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 10/13/2010 Sample ID: AE52824 Client ID: TRS-9 4ft

Analyte	SampRes	Amt	MS%R	MS CL
Fluorene	ND<330	4400	84	40-140
4-Chlorophenyl-phenylether	ND<330	4400	84	40-140
Diethylphthalate	ND<330	4400	82	40-140
3-Nitroaniline	ND<330	4400	84	30-130
4,6-Dinitro-2-methylphenol	ND<330	4400	21 L	30-130
n-Nitrosodiphenylamine	ND<330	4400	100	40-140
Azobenzene	ND<330	4400	77	40-140
4-Bromophenyl-phenylether	ND<330	4400	102	40-140
Hexachlorobenzene	ND<330	4400	98	40-140
Pentachlorophenol	ND<330	4400	75	30-130
Phenanthrene	2800	4400	43	40-140
Anthracene	620	4400	63	40-140
Di-n-butylphthalate	ND<330	4400	89	40-140
Fluoranthene	3400	4400	41	40-140
Pyrene	2700	4400	39 L	40-140
Butylbenzylphthalate	ND<330	4400	91	40-140
Benzo[a]anthracene	2300	4400	70	40-140
Chrysene	1800	4400	59	40-140
bis(2-Ethylhexyl)phthalate	ND<330	4400	93	40-140
Di-n-octylphthalate	ND<330	4400	102	40-140
Benzo[b]fluoranthene	2200	4400	86	40-140
Benzo[k]fluoranthene	890	4400	89	40-140
Benzo[a]pyrene	1400	4400	93	40-140
Indeno[1,2,3-cd]pyrene	1500	4400	127	40-140
Dibenz[a,h]anthracene	410	4400	127	40-140
Benzo[g,h,i]perylene	1700	4400	120	40-140

QA Type: Conn. Extractable TPH Date Analyzed: 10/13/2010 Sample ID: AE52825 Client ID: TRS-10 4ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	90	1650	91	98	50-150	7.11	30

QA Type: SPLP Metals Date Analyzed: 10/13/2010 Sample ID: AE52829 Client ID: TRS-14 6ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.20	99	100	75-125	0.50	20

QA Type: Conn. Extractable TPH Date Analyzed: 10/14/2010 Sample ID: AE52831 Client ID: TRS South Wall 16 5f

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	ND<61	1830	107	107	50-150	0.00	30

ND is not detected

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
Hexachlorobutadiene	69469	61 H	40-60	10/13/2010
All associated samples: AE52823 AE52824 AE52825 AE52826				
Semi-Vol Cont Cal				
Indeno[1,2,3-cd]pyrene	69470	33 H	17.5-32.5	10/13/2010
Benzo[g,h,i]perylene	69470	35 H	17.5-32.5	10/13/2010
All associated samples: AE52827 AE52828 AE52829 AE52830 AE52831				

QC Batch Report

Conn. Extractable TPH Batch 69443

CET ID	Client Sample ID	Matrix	Collection Date
AE52823	TRS-8 4ft	Soil	10/11/2010
AE52824	TRS-9 4ft	Soil	10/11/2010
AE52825	TRS-10 4ft	Soil	10/11/2010
AE52826	TRS-11 4ft	Soil	10/11/2010

Total Metals Batch 69454

CET ID	Client Sample ID	Matrix	Collection Date
AE52823	TRS-8 4ft	Soil	10/11/2010
AE52824	TRS-9 4ft	Soil	10/11/2010
AE52825	TRS-10 4ft	Soil	10/11/2010
AE52826	TRS-11 4ft	Soil	10/11/2010
AE52827	TRS-12 6ft	Soil	10/11/2010
AE52828	TRS-13 6ft	Soil	10/11/2010
AE52829	TRS-14 6ft	Soil	10/11/2010
AE52830	TRS South Wall 15 5f	Soil	10/11/2010
AE52831	TRS South Wall 16 5f	Soil	10/11/2010

Conn. Extractable TPH Batch 69466

CET ID	Client Sample ID	Matrix	Collection Date
AE52827	TRS-12 6ft	Soil	10/11/2010
AE52828	TRS-13 6ft	Soil	10/11/2010
AE52829	TRS-14 6ft	Soil	10/11/2010
AE52830	TRS South Wall 15 5f	Soil	10/11/2010
AE52831	TRS South Wall 16 5f	Soil	10/11/2010

EPA 8270C Semi-Volatile Organics Batch 69469

CET ID	Client Sample ID	Matrix	Collection Date
AE52823	TRS-8 4ft	Soil	10/11/2010
AE52824	TRS-9 4ft	Soil	10/11/2010
AE52825	TRS-10 4ft	Soil	10/11/2010
AE52826	TRS-11 4ft	Soil	10/11/2010

EPA 8270C Semi-Volatile Organics Batch 69470

CET ID	Client Sample ID	Matrix	Collection Date
AE52827	TRS-12 6ft	Soil	10/11/2010
AE52828	TRS-13 6ft	Soil	10/11/2010
AE52829	TRS-14 6ft	Soil	10/11/2010
AE52830	TRS South Wall 15 5f	Soil	10/11/2010
AE52831	TRS South Wall 16 5f	Soil	10/11/2010

Project: Parcel C South, Naugatuck
Cet#: 10100244

SPLP Metals Batch 69485

CET ID	Client Sample ID	Matrix	Collection Date
AE52823	TRS-8 4ft	Soil	10/11/2010
AE52824	TRS-9 4ft	Soil	10/11/2010
AE52825	TRS-10 4ft	Soil	10/11/2010
AE52826	TRS-11 4ft	Soil	10/11/2010
AE52827	TRS-12 6ft	Soil	10/11/2010
AE52828	TRS-13 6ft	Soil	10/11/2010
AE52829	TRS-14 6ft	Soil	10/11/2010
AE52830	TRS South Wall 15 5f	Soil	10/11/2010
AE52831	TRS South Wall 16 5f	Soil	10/11/2010

Narrative

4. 2,4-Dinitrophenol LCS recovery low (17%) for batch 69470.
   4,6-Dinitro-2-methylphenol LCS recovery low (24%) for batch 69470.
   Benzyl Alcohol matrix spike recovery low (8%) for sample AE52824.
   2,4-Dinitrophenol matrix spike recovery low (9%) for sample AE52824.
   4,6-Dinitro-2-methylphenol matrix spike recovery low (21%) for sample AE52824.
   Pyrene matrix spike recovery low (39%) for sample AE52824.
   Hexachlorobutadiene CC high for batch 69469.
   Indeno[1,2,3-cd]pyrene CC high for batch 69470.
   Benzo[g,h,i]perylene CC high for batch 69470.

6. The client requested a subset of the RCP metals list.

Project: Parcel C South, Naugatuck
Cet#: 10100244

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Tumaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
TRS-8 @ 4'	10/11/10 - 736				X								X	X						X		X			1	
TRS-9 @ 4'	740				X								X	X						X		X			1	
TRS-10 @ 4'	743				X								X	X						X		X			1	
TRS-11 @ 4'	745				X								X	X						X		X			1	
TRS-12 @ 6'	747				X								X	X						X		X			1	
TRS-13 @ 6'	750				X								X	X						X		X			1	
TRS-14 @ 6'	752				X								X	X						X		X			1	
TRS/SOUTH WALL-15 @ 5'	755				X								X	X						X		X			1	
TRS/SOUTH WALL-16 @ 5'	800				X								X	X						X		X			1	
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)													C	C						C		C			9	
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)													G	G						G		G				
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)																										

RELINQUISHED BY: Gerald Muzzi DATE/TIME 10/11/10 RECEIVED BY: 925

RELINQUISHED BY: DATE/TIME RECEIVED BY:

RELINQUISHED BY: DATE/TIME RECEIVED BY:

NOTES:
Please Also Send Results to Chris Eggers at CEggers@geodesign.NET

Client / Reporting Information

Company Name: GeoDesign, INC
Address: 984 South Ford Road
City: Middlebury State: CT Zip: 06762
Report To: AL Kwalik E-mail: AKwalik@geodesign.NET
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: AL Kwalik PO #: 3101-4.1
Project: Parcel C South Project #: 3101-4.1
Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 2.2 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

12' EXC AREA
5 SAmples

Analytical Report

CET # 10070405

Report Date: July 27, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date
AE45286	12EXC-SW 12ft	Soil	7/20/2010
AE45287	12EXC-CEN 12ft	Soil	7/20/2010
AE45288	12EXC-NW 12ft	Soil	7/20/2010
AE45289	12EXC-SE 12ft	Soil	7/20/2010
AE45290	12EXC-NE 12ft	Soil	7/20/2010

Sample temperature upon receipt was 10.9 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	12EXC-SW 12ft	12EXC-CEN 12ft	12EXC-NW 12ft	12EXC-SE 12ft
CET ID	AE45286	AE45287	AE45288	AE45289
Date Analyzed	7/22/2010	7/22/2010	7/22/2010	7/22/2010

Acid Digestion [EPA 3050B]

Client ID	12EXC-NE 12ft
CET ID	AE45290
Date Analyzed	7/22/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	12EXC-SW 12ft	12EXC-CEN 12ft	12EXC-NW 12ft	12EXC-SE 12ft
CET ID	AE45286	AE45287	AE45288	AE45289
Date Analyzed	7/22/2010	7/22/2010	7/22/2010	7/22/2010

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	12EXC-NE 12ft
CET ID	AE45290
Date Analyzed	7/22/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	12EXC-SW 12ft	12EXC-CEN 12ft	12EXC-NW 12ft	12EXC-SE 12ft
CET ID	AE45286	AE45287	AE45288	AE45289
Date Analyzed	7/26/2010	7/26/2010	7/26/2010	7/26/2010

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	12EXC-NE 12ft
CET ID	AE45290
Date Analyzed	7/26/2010

SPLP, Metals [EPA 1312]

Client ID	12EXC-SW 12ft	12EXC-CEN 12ft	12EXC-NW 12ft	12EXC-SE 12ft
CET ID	AE45286	AE45287	AE45288	AE45289
Date Analyzed	7/22/2010	7/22/2010	7/22/2010	7/22/2010

SPLP, Metals [EPA 1312]

Client ID	12EXC-NE 12ft
CET ID	AE45290
Date Analyzed	7/22/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	12EXC-SW 12ft	12EXC-CEN 12ft	12EXC-NW 12ft	12EXC-SE 12ft
CET ID	AE45286	AE45287	AE45288	AE45289
Date Analyzed	7/22/2010	7/22/2010	7/22/2010	7/22/2010
Total Solids	92	91	93	86

Total Solids [EPA 160.3 mo] Units: percent

Client ID	12EXC-NE 12ft
CET ID	AE45290
Date Analyzed	7/22/2010
Total Solids	86

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	12EXC-SW 12ft	12EXC-CEN 12ft	12EXC-NW 12ft	12EXC-SE 12ft
CET ID	AE45286	AE45287	AE45288	AE45289
Date Analyzed	7/22/2010	7/22/2010	7/22/2010	7/22/2010
Dilution	1.0	1.0	1.0	1.0
Lead	76	83	11	180

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	12EXC-NE 12ft
CET ID	AE45290
Date Analyzed	7/22/2010
Dilution	1.0
Lead	17

Metals Dup Result [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	12EXC-NE 12ft
CET ID	AE45290
Date Analyzed	7/22/2010
Dilution	1.0
Lead	19

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	12EXC-SW 12ft	12EXC-CEN 12ft	12EXC-NW 12ft	12EXC-SE 12ft
CET ID	AE45286	AE45287	AE45288	AE45289
Date Analyzed	7/23/2010	7/23/2010	7/23/2010	7/23/2010
Dilution	1.0	1.0	1.0	1.0
Lead	ND < 0.013	ND < 0.013	ND < 0.013	0.077

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	12EXC-NE 12ft
CET ID	AE45290
Date Analyzed	7/23/2010
Dilution	1.0
Lead	ND < 0.013

SPLP Metals by ICP/MS Dup [EPA 6020A] Units: mg/l

Client ID	12EXC-SW 12ft
CET ID	AE45286
Date Analyzed	7/23/2010
Dilution	1.0
Lead	ND < 0.013

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	12EXC-SW 12ft	12EXC-CEN 12ft	12EXC-NW 12ft	12EXC-SE 12ft
CET ID	AE45286	AE45287	AE45288	AE45289
Date Analyzed	7/23/2010	7/23/2010	7/23/2010	7/23/2010
Dilution	1.0	1.0	1.0	1.0
Pyridine	ND < 327	ND < 330	ND < 323	ND < 349
n-Nitroso-dimethylamine	ND < 327	ND < 330	ND < 323	ND < 349
bis(2-Chloroethyl)ether	ND < 327	ND < 330	ND < 323	ND < 349
Phenol	ND < 327	ND < 330	ND < 323	ND < 349
Aniline	ND < 327	ND < 330	ND < 323	ND < 349
2-Chlorophenol	ND < 327	ND < 330	ND < 323	ND < 349
1,3-Dichlorobenzene	ND < 327	ND < 330	ND < 323	ND < 349
1,4-Dichlorobenzene	ND < 327	ND < 330	ND < 323	ND < 349
Benzyl Alcohol	ND < 327	ND < 330	ND < 323	ND < 349
1,2-Dichlorobenzene	ND < 327	ND < 330	ND < 323	ND < 349
bis(2-chloroisopropyl)ether	ND < 327	ND < 330	ND < 323	ND < 349
Hexachloroethane	ND < 327	ND < 330	ND < 323	ND < 349
N-Nitroso-di-n-propylamine	ND < 327	ND < 330	ND < 323	ND < 349
2-Methyl Phenol	ND < 327	ND < 330	ND < 323	ND < 349
3+4 Methyl Phenol	ND < 327	ND < 330	ND < 323	ND < 349
Nitrobenzene	ND < 327	ND < 330	ND < 323	ND < 349
Isophorone	ND < 327	ND < 330	ND < 323	ND < 349
2-Nitrophenol	ND < 327	ND < 330	ND < 323	ND < 349
2,4-Dimethylphenol	ND < 327	ND < 330	ND < 323	ND < 349
bis(2-Chloroethoxy)methane	ND < 327	ND < 330	ND < 323	ND < 349
Benzoic Acid	ND < 327	ND < 330	ND < 323	ND < 349
2,4-Dichlorophenol	ND < 327	ND < 330	ND < 323	ND < 349
1,2,4-Trichlorobenzene	ND < 327	ND < 330	ND < 323	ND < 349
Naphthalene	ND < 327	ND < 330	ND < 323	ND < 349
2,6-Dichlorophenol	ND < 327	ND < 330	ND < 323	ND < 349
4-Chloroaniline	ND < 327	ND < 330	ND < 323	ND < 349
Hexachlorobutadiene	ND < 327	ND < 330	ND < 323	ND < 349
4-Chloro-3-methylphenol	ND < 327	ND < 330	ND < 323	ND < 349
2-Methyl Naphthalene	ND < 327	ND < 330	ND < 323	ND < 349
Hexachlorocyclopentadiene	ND < 327	ND < 330	ND < 323	ND < 349
2,4,6-Trichlorophenol	ND < 327	ND < 330	ND < 323	ND < 349
2,4,5-Trichlorophenol	ND < 327	ND < 330	ND < 323	ND < 349
2-Chloronaphthalene	ND < 327	ND < 330	ND < 323	ND < 349
2-Nitroaniline	ND < 327	ND < 330	ND < 323	ND < 349
Acenaphthylene	ND < 327	ND < 330	ND < 323	ND < 349
Dimethylphthalate	ND < 327	ND < 330	ND < 323	ND < 349
2,6-Dinitrotoluene	ND < 327	ND < 330	ND < 323	ND < 349
4-Nitroaniline	ND < 327	ND < 330	ND < 323	ND < 349
Acenaphthene	ND < 327	ND < 330	ND < 323	ND < 349
2,4-Dinitrophenol	ND < 327	ND < 330	ND < 323	ND < 349
2,4-Dinitrotoluene	ND < 327	ND < 330	ND < 323	ND < 349
4-Nitrophenol	ND < 327	ND < 330	ND < 323	ND < 349
Dibenzofuran	ND < 327	ND < 330	ND < 323	ND < 349
2,3,4,6-Tetrachlorophenol	ND < 327	ND < 330	ND < 323	ND < 349
Fluorene	ND < 327	ND < 330	ND < 323	ND < 349
4-Chlorophenyl-phenylether	ND < 327	ND < 330	ND < 323	ND < 349
Diethylphthalate	ND < 327	ND < 330	ND < 323	ND < 349
3-Nitroaniline	ND < 327	ND < 330	ND < 323	ND < 349
4,6-Dinitro-2-methylphenol	ND < 327	ND < 330	ND < 323	ND < 349

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	12EXC-SW 12ft	12EXC-CEN 12ft	12EXC-NW 12ft	12EXC-SE 12ft
n-Nitrosodiphenylamine	ND < 327	ND < 330	ND < 323	ND < 349
Azobenzene	ND < 327	ND < 330	ND < 323	ND < 349
4-Bromophenyl-phenylether	ND < 327	ND < 330	ND < 323	ND < 349
Hexachlorobenzene	ND < 327	ND < 330	ND < 323	ND < 349
Pentachlorophenol	ND < 327	ND < 330	ND < 323	ND < 349
Phenanthrene	ND < 327	ND < 330	ND < 323	1600
Anthracene	ND < 327	ND < 330	ND < 323	480
Carbazole	ND < 327	ND < 330	ND < 323	ND < 349
Di-n-butylphthalate	ND < 327	ND < 330	ND < 323	ND < 349
Fluoranthene	700	450	ND < 323	3900
Pyrene	610	390	ND < 323	3500
Butylbenzylphthalate	ND < 327	ND < 330	ND < 323	ND < 349
3,3-Dichlorobenzidine	ND < 327	ND < 330	ND < 323	ND < 349
Benzo[a]anthracene	420	ND < 330	ND < 323	2400
Chrysene	400	ND < 330	ND < 323	2100
bis(2-Ethylhexyl)phthalate	ND < 327	ND < 330	ND < 323	ND < 349
Di-n-octylphthalate	ND < 327	ND < 330	ND < 323	ND < 349
Benzo[b]fluoranthene	430	ND < 330	ND < 323	2300
Benzo[k]fluoranthene	ND < 327	ND < 330	ND < 323	1000
Benzo[a]pyrene	410	ND < 330	ND < 323	2100
Indeno[1,2,3-cd]pyrene	330	ND < 330	ND < 323	1500
Dibenz[a,h]anthracene	ND < 327	ND < 330	ND < 323	400
Benzo[g,h,i]perylene	360	ND < 330	ND < 323	1700
2-Fluorophenol (Surr) 30-130	61	52.9	42.2	67.2
Phenol-d5 (Surr) 30-130	64.7	61.3	63.9	74
Nitrobenzene-d5(Surr) 30-130	57.1	53.5	54.6	62.8
2-Fluorobiphenyl (Surr) 30-130	66	61.7	64.4	70.8
2,4,6-Tribromophenol (Surr) 30-130	91.9	89.9	88.2	102
Terphenyl-d14 (Surr) 30-130	53.7	55.2	57.9	58.3

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	12EXC-NE 12ft
CET ID	AE45290
Date Analyzed	7/23/2010
Dilution	1.0
Pyridine	ND < 349
n-Nitroso-dimethylamine	ND < 349
bis(2-Chloroethyl)ether	ND < 349
Phenol	ND < 349
Aniline	ND < 349
2-Chlorophenol	ND < 349
1,3-Dichlorobenzene	ND < 349
1,4-Dichlorobenzene	ND < 349
Benzyl Alcohol	ND < 349
1,2-Dichlorobenzene	ND < 349
bis(2-chloroisopropyl)ether	ND < 349
Hexachloroethane	ND < 349
N-Nitroso-di-n-propylamine	ND < 349
2-Methyl Phenol	ND < 349

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	12EXC-NE 12ft
3+4 Methyl Phenol	ND < 349
Nitrobenzene	ND < 349
Isophorone	ND < 349
2-Nitrophenol	ND < 349
2,4-Dimethylphenol	ND < 349
bis(2-Chloroethoxy)methane	ND < 349
Benzoic Acid	ND < 349
2,4-Dichlorophenol	ND < 349
1,2,4-Trichlorobenzene	ND < 349
Naphthalene	ND < 349
2,6-Dichlorophenol	ND < 349
4-Chloroaniline	ND < 349
Hexachlorobutadiene	ND < 349
4-Chloro-3-methylphenol	ND < 349
2-Methyl Naphthalene	ND < 349
Hexachlorocyclopentadiene	ND < 349
2,4,6-Trichlorophenol	ND < 349
2,4,5-Trichlorophenol	ND < 349
2-Chloronaphthalene	ND < 349
2-Nitroaniline	ND < 349
Acenaphthylene	ND < 349
Dimethylphthalate	ND < 349
2,6-Dinitrotoluene	ND < 349
4-Nitroaniline	ND < 349
Acenaphthene	ND < 349
2,4-Dinitrophenol	ND < 349
2,4-Dinitrotoluene	ND < 349
4-Nitrophenol	ND < 349
Dibenzofuran	ND < 349
2,3,4,6-Tetrachlorophenol	ND < 349
Fluorene	ND < 349
4-Chlorophenyl-phenylether	ND < 349
Diethylphthalate	ND < 349
3-Nitroaniline	ND < 349
4,6-Dinitro-2-methylphenol	ND < 349
n-Nitrosodiphenylamine	ND < 349
Azobenzene	ND < 349
4-Bromophenyl-phenylether	ND < 349
Hexachlorobenzene	ND < 349
Pentachlorophenol	ND < 349
Phenanthrene	ND < 349
Anthracene	ND < 349
Carbazole	ND < 349
Di-n-butylphthalate	ND < 349
Fluoranthene	ND < 349
Pyrene	ND < 349
Butylbenzylphthalate	ND < 349
3,3-Dichlorobenzidine	ND < 349
Benzo[a]anthracene	ND < 349
Chrysene	ND < 349
bis(2-Ethylhexyl)phthalate	ND < 349
Di-n-octylphthalate	ND < 349

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	12EXC-NE 12ft
Benzo[b]fluoranthene	ND < 349
Benzo[k]fluoranthene	ND < 349
Benzo[a]pyrene	ND < 349
Indeno[1,2,3-cd]pyrene	ND < 349
Dibenz[a,h]anthracene	ND < 349
Benzo[g,h,i]perylene	ND < 349
2-Fluorophenol (Surr) 30-130	34.9
Phenol-d5 (Surr) 30-130	40.2
Nitrobenzene-d5(Surr) 30-130	32.1
2-Fluorobiphenyl (Surr) 30-130	38.1
2,4,6-Tribromophenol (Surr) 30-130	61.7
Terphenyl-d14 (Surr) 30-130	41.3

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	12EXC-SW 12ft	12EXC-CEN 12ft	12EXC-NW 12ft	12EXC-SE 12ft
CET ID	AE45286	AE45287	AE45288	AE45289
Date Analyzed	7/27/2010	7/27/2010	7/27/2010	7/27/2010
Dilution	1.0	1.0	1.0	1.0
ETPH	ND < 55	ND < 55	ND < 54	ND < 59
Octacosane (surr) 50-150	90.9	94.1	98.7	101

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	12EXC-NE 12ft
CET ID	AE45290
Date Analyzed	7/27/2010
Dilution	1.0
ETPH	ND < 59
Octacosane (surr) 50-150	98.8

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.

Sincerely,

David Ditta
Laboratory Director

405

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
12 Exc-SWe 12'	7/20/10 1100	Soil				X							X	X						X		X			1	
12 Exc-Cene 12'	" 1045	Soil				X							X	X						X		X			1	
12 Exc-NWe 12'	" 1145	Soil				X							X	X						X		X			1	
12 Exc-SEe 12'	" 1115	Soil				X							X	X						X		X			1	
12 Exc-NEe 12'	" 1043	Soil				X							X	X						X		X			1	
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)																										
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)													G	G							G	G			5	
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)																										

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Gerald Mishler	7/21/10 1318	[illegible]
[illegible]	7/21/10 1412	[illegible]

NOTES: Please Report Results in AL Kovalik specified excel spread sheet format as done previously. Any questions please call JERRY Mishler 203-758-8836 X127

Client / Reporting Information

Company Name: GeoDesign. Inc
Address: 984 SOUTH FORD ROAD
City: Middlebury State: CT Zip: 06762
Report To: GERALD MISHLER E-mail: gMishler@geodesign.net
Phone #: 203-758-8836 X127 Fax #: 203-758-8842

Project Information

Project Contact: AL KOVALIK PO #:
Project: PARCEL C-SOUTH Project #: 3101-4.1
Location: NAUGATUCK Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☐ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use: Evidence of Cooling: Temp Upon Receipt 10.9 °C or N

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE45286-AE45290 ***Sampling Date(s):*** 7/20/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10070405

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☐Yes ☒ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☒Yes ☐No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 7/27/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10070405

Blank/LCS Report

QA Type: Total Metals Date Analyzed: 7/22/2010 Batch ID: 68077

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	118	80-120

All associated samples: AE45286 AE45287 AE45288 AE45289 AE45290

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 7/23/2010 Batch ID: 68084

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	29 L	30-130
n-Nitroso-dimethylamine	ND<300	61	40-140
bis(2-Chloroethyl)ether	ND<300	72	40-140
Phenol	ND<300	72	30-130
Aniline	ND<300	62	30-130
2-Chlorophenol	ND<300	78	30-130
1,3-Dichlorobenzene	ND<300	67	40-140
1,4-Dichlorobenzene	ND<300	67	40-140
Benzyl Alcohol	ND<300	57	30-130
1,2-Dichlorobenzene	ND<300	71	40-140
bis(2-chloroisopropyl)ether	ND<300	74	40-140
Hexachloroethane	ND<300	68	40-140
N-Nitroso-di-n-propylamine	ND<300	78	40-140
2-Methyl Phenol	ND<300	80	30-130
3+4 Methyl Phenol	ND<300	78	30-130
Nitrobenzene	ND<300	76	40-140
Isophorone	ND<300	80	40-140
2-Nitrophenol	ND<300	80	30-130
2,4-Dimethylphenol	ND<300	71	30-130
bis(2-Chloroethoxy)methane	ND<300	81	40-140
2,4-Dichlorophenol	ND<300	88	30-130
1,2,4-Trichlorobenzene	ND<300	80	40-140
Naphthalene	ND<300	77	40-140
4-Chloroaniline	ND<300	71	30-130
Hexachlorobutadiene	ND<300	83	40-140
4-Chloro-3-methylphenol	ND<300	86	30-130
2-Methyl Naphthalene	ND<300	89	40-140

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 7/23/2010 Batch ID: 68084

Analyte	Blank	LCS%Rec	LCS CL
Hexachlorocyclopentadiene	ND<300	97	40-140
2,4,6-Trichlorophenol	ND<300	84	30-130
2,4,5-Trichlorophenol	ND<300	98	30-130
2-Chloronaphthalene	ND<300	84	30-130
2-Nitroaniline	ND<300	85	30-130
Acenaphthylene	ND<300	80	40-140
Dimethylphthalate	ND<300	84	40-140
2,6-Dinitrotoluene	ND<300	83	40-140
4-Nitroaniline	ND<300	79	30-130
Acenaphthene	ND<300	83	40-140
2,4-Dinitrophenol	ND<300	70	30-130
2,4-Dinitrotoluene	ND<300	83	40-140
4-Nitrophenol	ND<300	82	30-130
Dibenzofuran	ND<300	83	40-140
Fluorene	ND<300	80	40-140
4-Chlorophenyl-phenylether	ND<300	80	40-140
Diethylphthalate	ND<300	82	40-140
3-Nitroaniline	ND<300	69	30-130
4,6-Dinitro-2-methylphenol	ND<300	69	30-130
n-Nitrosodiphenylamine	ND<300	81	40-140
4-Bromophenyl-phenylether	ND<300	85	40-140
Hexachlorobenzene	ND<300	93	40-140
Pentachlorophenol	ND<300	96	30-130
Phenanthrene	ND<300	87	40-140
Anthracene	ND<300	84	40-140
Di-n-butylphthalate	ND<300	85	40-140
Fluoranthene	ND<300	86	40-140
Pyrene	ND<300	86	40-140
Butylbenzylphthalate	ND<300	77	40-140
Benzo[a]anthracene	ND<300	92	40-140
Chrysene	ND<300	93	40-140
bis(2-Ethylhexyl)phthalate	ND<300	85	40-140
Di-n-octylphthalate	ND<300	81	40-140
Benzo[b]fluoranthene	ND<300	79	40-140
Benzo[k]fluoranthene	ND<300	92	40-140
Benzo[a]pyrene	ND<300	88	40-140
Indeno[1,2,3-cd]pyrene	ND<300	116	40-140
Dibenz[a,h]anthracene	ND<300	108	40-140
Benzo[g,h,i]perylene	ND<300	114	40-140

All associated samples: AE45286 AE45287 AE45288 AE45289 AE45290

QA Type: SPLP Metals Date Analyzed: 7/23/2010 Batch ID: 68089

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	102	80-120

All associated samples: AE45286 AE45287 AE45288 AE45289 AE45290

QA Type: Conn. Extractable TPH Date Analyzed: 7/26/2010 Batch ID: 68118

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	95	60-120

All associated samples: AE45286 AE45287 AE45288 AE45289 AE45290

Matrix Spike Report

QA Type: SPLP Metals Date Analyzed: 7/23/2010 Sample ID: AE45286 Client ID: 12EXC-SW 12ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.20	102	102	75-125	0.00	20

QA Type: Total Metals Date Analyzed: 7/22/2010 Sample ID: AE45290 Client ID: 12EXC-NE 12ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	17	29.1	93	92	75-125	1.10	35

ND is not detected

QC Batch Report

Total Metals Batch 68077

CET ID	Client Sample ID	Matrix	Collection Date
AE45286	12EXC-SW 12ft	Soil	7/20/2010
AE45287	12EXC-CEN 12ft	Soil	7/20/2010
AE45288	12EXC-NW 12ft	Soil	7/20/2010
AE45289	12EXC-SE 12ft	Soil	7/20/2010
AE45290	12EXC-NE 12ft	Soil	7/20/2010

EPA 8270C Semi-Volatile Organics Batch 68084

CET ID	Client Sample ID	Matrix	Collection Date
AE45286	12EXC-SW 12ft	Soil	7/20/2010
AE45287	12EXC-CEN 12ft	Soil	7/20/2010
AE45288	12EXC-NW 12ft	Soil	7/20/2010
AE45289	12EXC-SE 12ft	Soil	7/20/2010
AE45290	12EXC-NE 12ft	Soil	7/20/2010

SPLP Metals Batch 68089

CET ID	Client Sample ID	Matrix	Collection Date
AE45286	12EXC-SW 12ft	Soil	7/20/2010
AE45287	12EXC-CEN 12ft	Soil	7/20/2010
AE45288	12EXC-NW 12ft	Soil	7/20/2010
AE45289	12EXC-SE 12ft	Soil	7/20/2010
AE45290	12EXC-NE 12ft	Soil	7/20/2010

Conn. Extractable TPH Batch 68118

CET ID	Client Sample ID	Matrix	Collection Date
AE45286	12EXC-SW 12ft	Soil	7/20/2010
AE45287	12EXC-CEN 12ft	Soil	7/20/2010
AE45288	12EXC-NW 12ft	Soil	7/20/2010
AE45289	12EXC-SE 12ft	Soil	7/20/2010
AE45290	12EXC-NE 12ft	Soil	7/20/2010

Narrative

3. The samples were not received at appropriate temperature. The temperature was 10.9 degrees and there was evidence of cooling.

4. Pyridine LCS recovery low (29%) for batch 68084.

6. The client requested a subset of the RCP metals list.

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Sample ID	Date/Time	Matrix	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
12Exc-SW@12'	7/20/10 1100	Soil				X							X	X						X		X				1	
12Exc-Cen@12'	" 1045	Soil				X							X	X						X		X				1	
12Exc-NW@12'	" 1145	Soil				X							X	X						X		X				1	
12Exc-SE@12'	" 1115	Soil				X							X	X						X		X				1	
12Exc-NE@12'	" 1043	Soil				X							X	X						X		X				1	
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)																										5	
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)													G	G							C	C					
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)																											

RELINQUISHED BY: Gerald Mishler DATE/TIME: 7/21/10 1316 RECEIVED BY: [illegible]

RELINQUISHED BY: DATE/TIME: RECEIVED BY:

RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES: Please Report Results in AL Kovalik specified excel spreadsheet format as done previously. Any questions please call Jeffrey Mishler 203 758-8836 x127

Client / Reporting Information

Company Name: GeoDesign, Inc

Address: 484 South Ford Road

City: Middlebury State: CT Zip: 06762

Report To: Gerald Mishler E-mail: gmishler@geodesign.net

Phone #: 203 758-8836 x127 Fax #: 203 758-8842

Project Information

Project Contact: AL Kovalik PO #:

Project: Parcel C South Project #: 3101-41

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 10.9 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

CET # 10050293

South wall 1
@ 8'

Detects, no exceedances

Report Date: May 24, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date
AE39211	South Wall 1 8ft	Soil	5/11/2010

Sample temperature upon receipt was 1.3 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	South Wall 1 8ft
CET ID	AE39211
Date Analyzed	5/18/2010

Accelerated Solvent Ext. SVOC [EPA 3545]

Client ID	South Wall 1 8ft
CET ID	AE39211
Date Analyzed	5/20/2010

Ultrasonic Extraction-ETPH [EPA 3550B]

Client ID	South Wall 1 8ft
CET ID	AE39211
Date Analyzed	5/14/2010

SPLP, Metals [EPA 1312]

Client ID	South Wall 1 8ft
CET ID	AE39211
Date Analyzed	5/18/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	South Wall 1 8ft
CET ID	AE39211
Date Analyzed	5/17/2010
Total Solids	96

Total Metals [EPA 6010] Units: mg/kg (Dry Wt)

Client ID	South Wall 1 8ft
CET ID	AE39211
Date Analyzed	5/19/2010
Dilution	1.0
Lead	16

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	South Wall 1 8ft
CET ID	AE39211
Date Analyzed	5/19/2010
Dilution	1.0
Lead	ND < 0.013

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	South Wall 1 8ft
CET ID	AE39211
Date Analyzed	5/22/2010
Dilution	1.0
Pyridine	ND < 313
n-Nitroso-dimethylamine	ND < 313
bis(2-Chloroethyl)ether	ND < 313
Phenol	ND < 313
Aniline	ND < 313
2-Chlorophenol	ND < 313
1,3-Dichlorobenzene	ND < 313
1,4-Dichlorobenzene	ND < 313
Benzyl Alcohol	ND < 313
1,2-Dichlorobenzene	ND < 313
bis(2-chloroisopropyl)ether	ND < 313
Hexachloroethane	ND < 313
N-Nitroso-di-n-propylamine	ND < 313
2-Methyl Phenol	ND < 313
3+4 Methyl Phenol	ND < 313
Nitrobenzene	ND < 313
Isophorone	ND < 313
2 Nitrophenol	ND < 313
2,4-Dimethylphenol	ND < 313
bis(2-Chloroethoxy)methane	ND < 313
Benzoic Acid	ND < 313
2,4-Dichlorophenol	ND < 313
1,2,4-Trichlorobenzene	ND < 313
Naphthalene	ND < 313
2,6-Dichlorophenol	ND < 313
4-Chloroaniline	ND < 313
Hexachlorobutadiene	ND < 313
4-Chloro-3-methylphenol	ND < 313
2-Methyl Naphthalene	ND < 313
Hexachlorocyclopentadiene	ND < 313

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	South Wall 1 8ft
2,4,6-Trichlorophenol	ND < 313
2,4,5-Trichlorophenol	ND < 313
2-Chloronaphthalene	ND < 313
2-Nitroaniline	ND < 313
Acenaphthylene	ND < 313
Dimethylphthalate	ND < 313
2,6-Dinitrotoluene	ND < 313
4-Nitroaniline	ND < 313
Acenaphthene	ND < 313
2,4-Dinitrophenol	ND < 313
2,4-Dinitrotoluene	ND < 313
4-Nitrophenol	ND < 313
Dibenzofuran	ND < 313
2,3,4,6-Tetrachlorophenol	ND < 313
Fluorene	ND < 313
4-Chlorophenyl-phenylether	ND < 313
Diethylphthalate	ND < 313
3-Nitroaniline	ND < 313
4,6-Dinitro-2-methylphenol	ND < 313
n-Nitrosodiphenylamine	ND < 313
Azobenzene	ND < 313
4-Bromophenyl-phenylether	ND < 313
Hexachlorobenzene	ND < 313
Pentachlorophenol	ND < 313
Phenanthrene	ND < 313
Anthracene	ND < 313
Carbazole	ND < 313
Di-n-butylphthalate	ND < 313
Fluoranthene	ND < 313
Pyrene	ND < 313
Butylbenzylphthalate	ND < 313
3,3-Dichlorobenzidine	ND < 313
Benzo[a]anthracene	ND < 313
Chrysene	ND < 313
bis(2-Ethylhexyl)phthalate	ND < 313
Di-n-octylphthalate	ND < 313
Benzo[b]fluoranthene	ND < 313
Benzo[k]fluoranthene	ND < 313
Benzo[a]pyrene	ND < 313
Indeno[1,2,3-cd]pyrene	ND < 313
Dibenz[a,h]anthracene	ND < 313
Benzo[g,h,i]perylene	ND < 313
2-Fluorophenol (Surr) 30-130	68.2
Phenol-d5 (Surr) -	82.9
Nitrobenzene-d5(Surr) 30-130	72.3
2-Fluorobiphenyl (Surr) 30-130	79.2
2,4,6-Tribromophenol (Surr) 30-130	82.5
Terphenyl-d14 (Surr) 30-130	97.8

Conn. Extractable TPH Dup [CT DEP] Units: mg/kg (Dry Wt)

Client ID	South Wall 1 8ft
CET ID	AE39211
Date Analyzed	5/14/2010
Dilution	1.0
ETPH	ND < 53
Octacosane (surr)	126

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	South Wall 1 8ft
CET ID	AE39211
Date Analyzed	5/14/2010
Dilution	1.0
ETPH	ND < 53
Octacosane (surr) 50-150	123

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.

Sincerely,

David Ditta
Laboratory Director

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer

Client:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
Comp 13@ 8'	5/11/10 2:07	S			3								X	X						X		X				1	
South Wall 1@ 8'	5/11/10 2:02	S				X							X	X						X		X				1	

Turnaround Time ** (check one): Same Day / 24 Hours / 2-3 Days / Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	5/12/10	[illegible] 5-12-10 1000
[illegible]	5-15 10 1545	Dawn
RELINQUISHED BY	DATE/TIME	RECEIVED BY:

NOTES: Please Report on RSR spread sheet PER AL Kovalik's instructions.

Client / Reporting Information

Company Name: GeoDesign Inc

Address: 284 Southford Road

City: Middlebury State: CT Zip: 06762

Report To: AL Kovalik - AKovalik@geodesignnet / Pingum - PGum@geodesignnet

E-mail:

Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: Parcel C - South PO #: 3101-41

Project: AL Kovalik Project #: 3101-41

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☑ RCP Pkg *

Data Report: ☐ Email ☐ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use Only: Cooler Temp. Upon Receipt: [illegible]

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Sample ID	Date/Time	Matrix	Turnaround Time ** (check one): Same Day	24 Hours	2–3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
Cone 13@ 8'	5/1/10 207	S			3					X			X	X						X		X				1	
South Wall 1@ 8'	5/1/10 200	S				X							X	X						X		X				1	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)																											
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)																										2	
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)							/	/	/	/	/																

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Manuel Michel	5/1/10	[illegible] 5/1/10 1400
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Please Report on RSR spreadsheet per AL Kovalik's instructions.

Client / Reporting Information

Company Name: GeoDesign Inc

Address: 984 Southford Road

City: Middlebury State: CT Zip: 06762

Report To: AL Kovalik - AKovalik@geodesign.net / Purdon - PGarcia@geodesign.net

E-mail:

Phone #: 203-758-8836 X113 Fax #: 203-758-8842

Project Information

Project Contact: Parcel C South PO #: 3101-4.1

Project: AL Kovalik Project #: 3101-4.1

Location: Newgatuck Collector(s): GTM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☑ RCP Pkg *

Data Report: ☐ Email ☐ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 4.3 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

CET # 10050292

CONF 13@8'
PAH exceedances

SOUTH WALL 1
(NO RCP)

Report Date: May 19, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date
AE39210	Conf13 8ft	Soil	5/11/2010

Sample temperature upon receipt was 1.3 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	Conf13 8ft
CET ID	AE39210
Date Analyzed	5/18/2010

Accelerated Solvent Ext. SVOC [EPA 3545]

Client ID	Conf13 8ft
CET ID	AE39210
Date Analyzed	5/17/2010

Ultrasonic Extraction-ETPH [EPA 3550B]

Client ID	Conf13 8ft
CET ID	AE39210
Date Analyzed	5/14/2010

SPLP, Metals [EPA 1312]

Client ID	Conf13 8ft
CET ID	AE39210
Date Analyzed	5/17/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Conf13 8ft
CET ID	AE39210
Date Analyzed	5/17/2010
Total Solids	91

Total Metals [EPA 6010] Units: mg/kg (Dry Wt)

Client ID	Conf13 8ft
CET ID	AE39210
Date Analyzed	5/19/2010
Dilution	1.0
Lead	40

Metals Dup Result [EPA 6010] Units: mg/kg (Dry Wt)

Client ID	Conf13 8ft
CET ID	AE39210
Date Analyzed	5/19/2010
Dilution	1.0
Lead	49

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	Conf13 8ft
CET ID	AE39210
Date Analyzed	5/18/2010
Dilution	1.0
Lead	ND < 0.013

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	Conf13 8ft
CET ID	AE39210
Date Analyzed	5/19/2010
Dilution	1.0
Pyridine	ND < 330
n-Nitroso-dimethylamine	ND < 330
bis(2-Chloroethyl)ether	ND < 330
Phenol	ND < 330
Aniline	ND < 330
2-Chlorophenol	ND < 330
1,3-Dichlorobenzene	ND < 330
1,4-Dichlorobenzene	ND < 330
Benzyl Alcohol	ND < 330
1,2-Dichlorobenzene	ND < 330
bis(2-chloroisopropyl)ether	ND < 330
Hexachloroethane	ND < 330
N-Nitroso-di-n-propylamine	ND < 330
2-Methyl Phenol	ND < 330
3+4 Methyl Phenol	ND < 330
Nitrobenzene	ND < 330
Isophorone	ND < 330
2-Nitrophenol	ND < 330
2,4-Dimethylphenol	ND < 330
bis(2-Chloroethoxy)methane	ND < 330

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	Conf13 8ft
Benzoic Acid	ND < 330
2,4-Dichlorophenol	ND < 330
1,2,4-Trichlorobenzene	ND < 330
Naphthalene	ND < 330
2,6-Dichlorophenol	ND < 330
4-Chloroaniline	ND < 330
Hexachlorobutadiene	ND < 330
4-Chloro-3-methylphenol	ND < 330
2-Methyl Naphthalene	ND < 330
Hexachlorocyclopentadiene	ND < 330
2,4,6-Trichlorophenol	ND < 330
2,4,5-Trichlorophenol	ND < 330
2-Chloronaphthalene	ND < 330
2-Nitroaniline	ND < 330
Acenaphthylene	ND < 330
Dimethylphthalate	ND < 330
2,6-Dinitrotoluene	ND < 330
4-Nitroaniline	ND < 330
Acenaphthene	ND < 330
2,4-Dinitrophenol	ND < 330
2,4-Dinitrotoluene	ND < 330
4-Nitrophenol	ND < 330
Dibenzofuran	ND < 330
2,3,4,6-Tetrachlorophenol	ND < 330
Fluorene	ND < 330
4-Chlorophenyl-phenylether	ND < 330
Diethylphthalate	ND < 330
3-Nitroaniline	ND < 330
4,6-Dinitro-2-methylphenol	ND < 330
n-Nitrosodiphenylamine	ND < 330
Azobenzene	ND < 330
4-Bromophenyl-phenylether	ND < 330
Hexachlorobenzene	ND < 330
Pentachlorophenol	ND < 330
Phenanthrene	2500
Anthracene	660
Carbazole	740
Di-n-butylphthalate	ND < 330
Fluoranthene	2800
Pyrene	2100
Butylbenzylphthalate	ND < 330
3,3-Dichlorobenzidine	ND < 330
Benzo[a]anthracene	1300
Chrysene	1200
bis(2-Ethylhexyl)phthalate	ND < 330
Di-n-octylphthalate	ND < 330
Benzo[b]fluoranthene	1100
Benzo[k]fluoranthene	550
Benzo[a]pyrene	1100
Indeno[1,2,3-cd]pyrene	730

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	Conf13 8ft
Dibenz[a,h]anthracene	ND < 330
Benzo[g,h,i]perylene	770
2-Fluorophenol (Surr) 30-130	67.1
Phenol-d5 (Surr) -	74.5
Nitrobenzene-d5(Surr) 30-130	58
2-Fluorobiphenyl (Surr) 30-130	92.7
2,4,6-Tribromophenol (Surr) 30-130	65.4
Terphenyl-d14 (Surr) 30-130	72.2

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf13 8ft
CET ID	AE39210
Date Analyzed	5/14/2010
Dilution	1.0
ETPH	85*
Octacosane (surr) 50-150	127

*C_{18}-C_{36} May be PNA related.

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.

Sincerely,

David Ditta
Laboratory Director

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer

Client:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
Conf 13e 8'	5/11/10 2:07	S			3								X	X						X		X				1	
South Wall 1e 8'	5/11/10 2:00	S				X							X	X						X		X				1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	5/12/10	[illegible] 5-12-10 1000
[illegible]	5-13-10 15:45	[illegible]

NOTES: Please Report on RSR spreadsheet PER AL Kovalik's instructions.

Client / Reporting Information

Company Name: GeoDesign INC

Address: 984 Southford Road

City: Middlebury State: CT Zip: 06762

Report To: AL Kovalik - Akovalik@geodesign.net / Pinkgun - Pgunes@geodesign.net

Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: Pascal C. Smith PO #: 3101-4.1

Project: AL Kovalik Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☑ RCP Pkg *

Data Report: ☐ Email ☐ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Laboratory Acceptance of Coolers and Sample Containers: [illegible] Y N

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

Conf 8A @ 7'
Conf 3A @ 6'
PAH exceedances

CET # 10050174

Report Date: May 12, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date
AE38763	CONF 8A 7ft	Soil	5/7/2010
AE38764	CONF 3A 6ft	Soil	5/7/2010

Sample temperature upon receipt was 6 degrees C

PREP ANALYSIS:

Accelerated Solvent Ext. SVOC [EPA 3545]

Client ID	CONF 8A 7ft	CONF 3A 6ft
CET ID	AE38763	AE38764
Date Analyzed	5/11/2010	5/11/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	CONF 8A 7ft	CONF 3A 6ft
CET ID	AE38763	AE38764
Date Analyzed	5/12/2010	5/12/2010
Total Solids	85	92

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	CONF 8A 7ft	CONF 3A 6ft
CET ID	AE38763	AE38764
Date Analyzed	5/12/2010	5/12/2010
Dilution	1.0	1.0
Pyridine	ND < 353	ND < 327
n-Nitroso-dimethylamine	ND < 353	ND < 327
bis(2-Chloroethyl)ether	ND < 353	ND < 327
Phenol	ND < 353	ND < 327
Aniline	ND < 353	ND < 327
2-Chlorophenol	ND < 353	ND < 327
1,3-Dichlorobenzene	ND < 353	ND < 327
1,4-Dichlorobenzene	ND < 353	ND < 327
Benzyl Alcohol	ND < 353	ND < 327
1,2-Dichlorobenzene	ND < 353	ND < 327
bis(2-chloroisopropyl)ether	ND < 353	ND < 327
Hexachloroethane	ND < 353	ND < 327
N-Nitroso-di-n-propylamine	ND < 353	ND < 327
2-Methyl Phenol	ND < 353	ND < 327
3+4 Methyl Phenol	ND < 353	ND < 327
Nitrobenzene	ND < 353	ND < 327
Isophorone	ND < 353	ND < 327
2-Nitrophenol	ND < 353	ND < 327

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	CONF 8A 7ft	CONF 3A 6ft
2,4-Dimethylphenol	ND < 353	ND < 327
bis(2-Chloroethoxy)methane	ND < 353	ND < 327
Benzoic Acid	ND < 353	ND < 327
2,4-Dichlorophenol	ND < 353	ND < 327
1,2,4-Trichlorobenzene	ND < 353	ND < 327
Naphthalene	ND < 353	ND < 327
2,6-Dichlorophenol	ND < 353	ND < 327
4-Chloroaniline	ND < 353	ND < 327
Hexachlorobutadiene	ND < 353	ND < 327
4-Chloro-3-methylphenol	ND < 353	ND < 327
2-Methyl Naphthalene	ND < 353	ND < 327
Hexachlorocyclopentadiene	ND < 353	ND < 327
2,4,6-Trichlorophenol	ND < 353	ND < 327
2,4,5-Trichlorophenol	ND < 353	ND < 327
2-Chloronaphthalene	ND < 353	ND < 327
2-Nitroaniline	ND < 353	ND < 327
Acenaphthylene	ND < 353	ND < 327
Dimethylphthalate	ND < 353	ND < 327
2,6-Dinitrotoluene	ND < 353	ND < 327
4-Nitroaniline	ND < 353	ND < 327
Acenaphthene	ND < 353	ND < 327
2,4-Dinitrophenol	ND < 353	ND < 327
2,4-Dinitrotoluene	ND < 353	ND < 327
4-Nitrophenol	ND < 353	ND < 327
Dibenzofuran	ND < 353	ND < 327
2,3,4,6-Tetrachlorophenol	ND < 353	ND < 327
Fluorene	420	ND < 327
4-Chlorophenyl-phenylether	ND < 353	ND < 327
Diethylphthalate	ND < 353	ND < 327
3-Nitroaniline	ND < 353	ND < 327
4,6-Dinitro-2-methylphenol	ND < 353	ND < 327
n-Nitrosodiphenylamine	ND < 353	ND < 327
Azobenzene	ND < 353	ND < 327
4-Bromophenyl-phenylether	ND < 353	ND < 327
Hexachlorobenzene	ND < 353	ND < 327
Pentachlorophenol	ND < 353	ND < 327
Phenanthrene	3500	830
Anthracene	860	ND < 327
Carbazole	670	ND < 327
Di-n-butylphthalate	ND < 353	ND < 327
Fluoranthene	4000	1400
Pyrene	3300	1100
Butylbenzylphthalate	ND < 353	ND < 327
3,3-Dichlorobenzidine	ND < 353	ND < 327
Benzo[a]anthracene	2100	990
Chrysene	2400	1200
bis(2-Ethylhexyl)phthalate	ND < 353	ND < 327
Di-n-octylphthalate	ND < 353	ND < 327
Benzo[b]fluoranthene	2000	1100
Benzo[k]fluoranthene	890	610
Benzo[a]pyrene	1200	730

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	CONF 8A 7ft	CONF 3A 6ft
Indeno[1,2,3-cd]pyrene	1200	590
Dibenz[a,h]anthracene	ND < 353	ND < 327
Benzo[g,h,i]perylene	1400	650
2-Fluorophenol (Surr) 30-130	61	67.9
Phenol-d5 (Surr) -	63.5	69.6
Nitrobenzene-d5(Surr) 30-130	55.1	61
2-Fluorobiphenyl (Surr) 30-130	75	80.8
2,4,6-Tribromophenol (Surr) 30-130	108	110
Terphenyl-d14 (Surr) 30-130	84.6	106

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.

Sincerely,

David Ditta
Laboratory Director

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** Geodesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE38763-AE38764 ***Sampling Date(s):*** 5/7/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10050174

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☒Yes ☐No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 5/17/2010

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10050174

Blank/LCS Report

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 5/13/2010 Batch ID: 66818

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	61	30-130
n-Nitroso-dimethylamine	ND<300	79	40-140
bis(2-Chloroethyl)ether	ND<300	66	40-140
Phenol	ND<300	72	30-130
Aniline	ND<300	69	30-130
2-Chlorophenol	ND<300	67	30-130
1,3-Dichlorobenzene	ND<300	62	40-140
1,4-Dichlorobenzene	ND<300	65	40-140
Benzyl Alcohol	ND<300	73	30-130
1,2-Dichlorobenzene	ND<300	67	40-140
bis(2-chloroisopropyl)ether	ND<300	71	40-140
Hexachloroethane	ND<300	60	40-140
N-Nitroso-di-n-propylamine	ND<300	70	40-140
2-Methyl Phenol	ND<300	68	30-130
3+4 Methyl Phenol	ND<300	68	30-130
Nitrobenzene	ND<300	68	40-140
Isophorone	ND<300	69	40-140
2-Nitrophenol	ND<300	64	30-130
2,4-Dimethylphenol	ND<300	59	30-130
bis(2-Chloroethoxy)methane	ND<300	68	40-140
2,4-Dichlorophenol	ND<300	66	30-130
1,2,4-Trichlorobenzene	ND<300	65	40-140
Naphthalene	ND<300	69	40-140
4-Chloroaniline	ND<300	64	30-130
Hexachlorobutadiene	ND<300	64	40-140
4-Chloro-3-methylphenol	ND<300	68	30-130
2-Methyl Naphthalene	ND<300	72	40-140
Hexachlorocyclopentadiene	ND<300	74	40-140
2,4,6-Trichlorophenol	ND<300	67	30-130
2,4,5-Trichlorophenol	ND<300	71	30-130
2-Chloronaphthalene	ND<300	69	30-130
2-Nitroaniline	ND<300	69	30-130
Acenaphthylene	ND<300	70	40-140

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 5/13/2010 Batch ID: 66818

Analyte	Blank	LCS%Rec	LCS CL
Dimethylphthalate	ND<300	71	40-140
2,6-Dinitrotoluene	ND<300	70	40-140
4-Nitroaniline	ND<300	80	30-130
Acenaphthene	ND<300	72	40-140
2,4-Dinitrophenol	ND<300	40	30-130
2,4-Dinitrotoluene	ND<300	70	40-140
4-Nitrophenol	ND<300	70	30-130
Dibenzofuran	ND<300	75	40-140
Fluorene	ND<300	89	40-140
4-Chlorophenyl-phenylether	ND<300	82	40-140
Diethylphthalate	ND<300	92	40-140
3-Nitroaniline	ND<300	70	30-130
4,6-Dinitro-2-methylphenol	ND<300	58	30-130
n-Nitrosodiphenylamine	ND<300	93	40-140
Azobenzene	ND<300	76	40-140
4-Bromophenyl-phenylether	ND<300	70	40-140
Hexachlorobenzene	ND<300	70	40-140
Pentachlorophenol	ND<300	72	30-130
Phenanthrene	ND<300	75	40-140
Anthracene	ND<300	75	40-140
Di-n-butylphthalate	ND<300	77	40-140
Fluoranthene	ND<300	74	40-140
Pyrene	ND<300	75	40-140
Butylbenzylphthalate	ND<300	72	40-140
Benzo[a]anthracene	ND<300	71	40-140
Chrysene	ND<300	72	40-140
bis(2-Ethylhexyl)phthalate	ND<300	74	40-140
Di-n-octylphthalate	ND<300	75	40-140
Benzo[b]fluoranthene	ND<300	66	40-140
Benzo[k]fluoranthene	ND<300	78	40-140
Benzo[a]pyrene	ND<300	71	40-140
Indeno[1,2,3-cd]pyrene	ND<300	125	40-140
Dibenz[a,h]anthracene	ND<300	123	40-140
Benzo[g,h,i]perylene	ND<300	125	40-140

All associated samples: AE38763 AE38764

QC Batch Report

EPA 8270C Semi-Volatile Organics Batch 66818

CET ID	Client Sample ID	Matrix	Collection Date
AE38763	CONF 8A 7ft	Soil	5/7/2010
AE38764	CONF 3A 6ft	Soil	5/7/2010

Narrative

7. Project specific QC was not requested by client.

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
Conf 8A @ 7'		S			2									X													
Conf 3A @ 6'		S			2									X													

PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Gerald Mikl	5/10/10 9:35	
	5/10/10 10:10	

NOTES: Report on AL Kovalik Specified excel table format

Wednesday (End of Day)

Client / Reporting Information

Company Name: GeoDesign, Inc

Address: 984 South Ford Road

City: Middlebury State: CT Zip: 06762

Report To: AL Kovalik - AKovalik@geodesign.net

E-mail: Ping Gan - PGan@geodesign.net

Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1

Project: Parcel C - South Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 6.0 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
Conf 8A @ 7'		S			2									X												
Conf 3A @ 6'		S			2									X												

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Gerald Muhl	5/10/10 9:35	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Report in AL Kovalik Specified excel table format.

Wednesday (End of Day)

Client / Reporting Information

Company Name: GeoDesign, Inc.

Address: 684 South Ford Road

City: Middlebury State: CT Zip: 06762

Report To: AL Kovalik - AKovalik@geodesign.net / Dingfan Pfan@geodesign.net

Phone #: 203 758 8836 x113 Fax #: 203 758 8842

Project Information

Project Contact: AL Kovalik PO #: 3101-41

Project: Parcel C - South Project #: 3101-41

Location: Newgatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☐ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt ____ °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

RECEIVED
MAY 18 2010
GeoDesign, inc.

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

Nord wall 2 @ 6'

Cons 12 @ 6'
Detects, no exceedances

CET # 10050158

Report Date: May 11, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date
AE38698	CONF 12 6ft	Soil	5/6/2010

Sample temperature upon receipt was 7.2 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	CONF 12 6ft
CET ID	AE38698
Date Analyzed	5/10/2010

Accelerated Solvent Ext. SVOC [EPA 3545]

Client ID	CONF 12 6ft
CET ID	AE38698
Date Analyzed	5/10/2010

Ultrasonic Extraction-ETPH [EPA 3550B]

Client ID	CONF 12 6ft
CET ID	AE38698
Date Analyzed	5/8/2010

SPLP, Metals [EPA 1312]

Client ID	CONF 12 6ft
CET ID	AE38698
Date Analyzed	5/10/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	CONF 12 6ft
CET ID	AE38698
Date Analyzed	5/10/2010
Total Solids	85

Total Metals [EPA 6010] Units: mg/kg (Dry Wt)

Client ID	CONF 12 6ft
CET ID	AE38698
Date Analyzed	5/10/2010
Dilution	1.0
Lead	23

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	CONF 12 6ft
CET ID	AE38698
Date Analyzed	5/11/2010
Dilution	1.0
Lead	ND < 0.013

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	CONF 12 6ft
CET ID	AE38698
Date Analyzed	5/11/2010
Dilution	1.0
Pyridine	ND < 353
n-Nitroso-dimethylamine	ND < 353
bis(2-Chloroethyl)ether	ND < 353
Phenol	ND < 353
Aniline	ND < 353
2-Chlorophenol	ND < 353
1,3-Dichlorobenzene	ND < 353
1,4-Dichlorobenzene	ND < 353
Benzyl Alcohol	ND < 353
1,2-Dichlorobenzene	ND < 353
bis(2-chloroisopropyl)ether	ND < 353
Hexachloroethane	ND < 353
N-Nitroso-di-n-propylamine	ND < 353
2-Methyl Phenol	ND < 353
3+4 Methyl Phenol	ND < 353
Nitrobenzene	ND < 353
Isophorone	ND < 353
2-Nitrophenol	ND < 353
2,4-Dimethylphenol	ND < 353
bis(2-Chloroethoxy)methane	ND < 353
Benzoic Acid	ND < 353
2,4-Dichlorophenol	ND < 353
1,2,4-Trichlorobenzene	ND < 353
Naphthalene	ND < 353
2,6-Dichlorophenol	ND < 353
4-Chloroaniline	ND < 353
Hexachlorobutadiene	ND < 353
4-Chloro-3-methylphenol	ND < 353
2-Methyl Naphthalene	ND < 353
Hexachlorocyclopentadiene	ND < 353

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	CONF 12 6ft
2,4,6-Trichlorophenol	ND < 353
2,4,5-Trichlorophenol	ND < 353
2-Chloronaphthalene	ND < 353
2-Nitroaniline	ND < 353
Acenaphthylene	ND < 353
Dimethylphthalate	ND < 353
2,6-Dinitrotoluene	ND < 353
4-Nitroaniline	ND < 353
Acenaphthene	ND < 353
2,4-Dinitrophenol	ND < 353
2,4-Dinitrotoluene	ND < 353
4-Nitrophenol	ND < 353
Dibenzofuran	ND < 353
2,3,4,6-Tetrachlorophenol	ND < 353
Fluorene	ND < 353
4-Chlorophenyl-phenylether	ND < 353
Diethylphthalate	ND < 353
3-Nitroaniline	ND < 353
4,6-Dinitro-2-methylphenol	ND < 353
n-Nitrosodiphenylamine	ND < 353
Azobenzene	ND < 353
4-Bromophenyl-phenylether	ND < 353
Hexachlorobenzene	ND < 353
Pentachlorophenol	ND < 353
Phenanthrene	ND < 353
Anthracene	ND < 353
Carbazole	ND < 353
Di-n-butylphthalate	ND < 353
Fluoranthene	ND < 353
Pyrene	ND < 353
Butylbenzylphthalate	ND < 353
3,3-Dichlorobenzidine	ND < 353
Benzo[a]anthracene	ND < 353
Chrysene	ND < 353
bis(2-Ethylhexyl)phthalate	ND < 353
Di-n-octylphthalate	ND < 353
Benzo[b]fluoranthene	ND < 353
Benzo[k]fluoranthene	ND < 353
Benzo[a]pyrene	ND < 353
Indeno[1,2,3-cd]pyrene	ND < 353
Dibenz[a,h]anthracene	ND < 353
Benzo[g,h,i]perylene	ND < 353
2-Fluorophenol (Surr) 30-130	73
Phenol-d5 (Surr) -	84.4
Nitrobenzene-d5(Surr) 30-130	73.6
2-Fluorobiphenyl (Surr) 30-130	83.9
2,4,6-Tribromophenol (Surr) 30-130	90.5
Terphenyl-d14 (Surr) 30-130	74.5

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	CONF 12 6ft
CET ID	AE38698
Date Analyzed	5/11/2010
Dilution	1.0
ETPH	ND < 59
Octacosane (surr) 50-150	88.4

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.

Sincerely,

David Ditta
Laboratory Director

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
North Wall 2 @ 6'	5/6/10 955	S				X							X	X						X		X					
Conf 12 @ 6'	5/6/10 953	S			2								X	X						X		X					

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	5/7/10 900	[signature]
[signature]	5-7-10 1040	[signature]

NOTES: Report Results on AL Kovalik specified excel format. for RSR comparison.

Client / Reporting Information

Company Name: GeoDesign, Inc

Address: 984 South Ford RD

City: Middlebury State: CT Zip: 06762

Report To: AKovalik - AKovalik@geodesign.net - Dingban - Dban@geodesign.net

Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1

Project: Parcel C-South Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use: Evidence of Cooling: Y or N
Temp Upon Receipt 7.2 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Nauagatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE38698 ***Sampling Date(s):*** 5/6/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10050158

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☐Yes ☒ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: David Ditta **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 5/13/2010

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10050158

Blank/LCS Report

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 5/12/2010 Batch ID: 66768

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	52	30-130
n-Nitroso-dimethylamine	ND<300	72	40-140
bis(2-Chloroethyl)ether	ND<300	77	40-140
Phenol	ND<300	89	30-130
Aniline	ND<300	78	30-130
2-Chlorophenol	ND<300	92	30-130
1,3-Dichlorobenzene	ND<300	87	40-140
1,4-Dichlorobenzene	ND<300	92	40-140
Benzyl Alcohol	ND<300	61	30-130
1,2-Dichlorobenzene	ND<300	90	40-140
bis(2-chloroisopropyl)ether	ND<300	69	40-140
Hexachloroethane	ND<300	80	40-140
N-Nitroso-di-n-propylamine	ND<300	89	40-140
2-Methyl Phenol	ND<300	88	30-130
3+4 Methyl Phenol	ND<300	101	30-130
Nitrobenzene	ND<300	71	40-140
Isophorone	ND<300	71	40-140
2-Nitrophenol	ND<300	80	30-130
2,4-Dimethylphenol	ND<300	73	30-130
bis(2-Chloroethoxy)methane	ND<300	73	40-140
2,4-Dichlorophenol	ND<300	88	30-130
1,2,4-Trichlorobenzene	ND<300	84	40-140
Naphthalene	ND<300	83	40-140
4-Chloroaniline	ND<300	76	30-130
Hexachlorobutadiene	ND<300	84	40-140
4-Chloro-3-methylphenol	ND<300	84	30-130
2-Methyl Naphthalene	ND<300	84	40-140
Hexachlorocyclopentadiene	ND<300	68	40-140
2,4,6-Trichlorophenol	ND<300	79	30-130
2,4,5-Trichlorophenol	ND<300	99	30-130
2-Chloronaphthalene	ND<300	95	30-130
2-Nitroaniline	ND<300	95	30-130
Acenaphthylene	ND<300	90	40-140

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 5/12/2010 Batch ID: 66768

Analyte	Blank	LCS%Rec	LCS CL
Dimethylphthalate	ND<300	99	40-140
2,6-Dinitrotoluene	ND<300	92	40-140
4-Nitroaniline	ND<300	96	30-130
Acenaphthene	ND<300	93	40-140
2,4-Dinitrophenol	ND<300	90	30-130
2,4-Dinitrotoluene	ND<300	111	40-140
4-Nitrophenol	ND<300	70	30-130
Dibenzofuran	ND<300	97	40-140
Fluorene	ND<300	97	40-140
4-Chlorophenyl-phenylether	ND<300	96	40-140
Diethylphthalate	ND<300	99	40-140
3-Nitroaniline	ND<300	60	30-130
4,6-Dinitro-2-methylphenol	ND<300	93	30-130
n-Nitrosodiphenylamine	ND<300	109	40-140
Azobenzene	ND<300	68	40-140
4-Bromophenyl-phenylether	ND<300	108	40-140
Hexachlorobenzene	ND<300	121	40-140
Pentachlorophenol	ND<300	100	30-130
Phenanthrene	ND<300	99	40-140
Anthracene	ND<300	100	40-140
Di-n-butylphthalate	ND<300	101	40-140
Fluoranthene	ND<300	83	40-140
Pyrene	ND<300	80	40-140
Butylbenzylphthalate	ND<300	97	40-140
Benzo[a]anthracene	ND<300	86	40-140
Chrysene	ND<300	105	40-140
bis(2-Ethylhexyl)phthalate	ND<300	116	40-140
Di-n-octylphthalate	ND<300	102	40-140
Benzo[b]fluoranthene	ND<300	68	40-140
Benzo[k]fluoranthene	ND<300	89	40-140
Benzo[a]pyrene	ND<300	84	40-140
Indeno[1,2,3-cd]pyrene	ND<300	91	40-140
Dibenz[a,h]anthracene	ND<300	96	40-140
Benzo[g,h,i]perylene	ND<300	92	40-140

All associated samples: AE38698

QA Type: Conn. Extractable TPH Date Analyzed: 5/11/2010 Batch ID: 66783

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	113	60-120

All associated samples: AE38698

QA Type: Total Metals Date Analyzed: 5/10/2010 Batch ID: 66787

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	95	80-120

All associated samples: AE38698

QA Type: SPLP Metals Date Analyzed: 5/11/2010 Batch ID: 66803

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	100	80-120

All associated samples: AE38698

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
Hexachlorobenzene	66768	73 H	35-65	5/13/2010
Fluoranthene	66768	17 L	20-30	5/13/2010
Pyrene	66768	16 L	17.5-32.5	5/13/2010

All associated samples: AE38698

QC Batch Report

EPA 8270C Semi-Volatile Organics Batch 66768

CET ID	Client Sample ID	Matrix	Collection Date
AE38698	CONF 12 6ft	Soil	5/6/2010

Conn. Extractable TPH Batch 66783

CET ID	Client Sample ID	Matrix	Collection Date
AE38698	CONF 12 6ft	Soil	5/6/2010

Total Metals Batch 66787

CET ID	Client Sample ID	Matrix	Collection Date
AE38698	CONF 12 6ft	Soil	5/6/2010

SPLP Metals Batch 66803

CET ID	Client Sample ID	Matrix	Collection Date
AE38698	CONF 12 6ft	Soil	5/6/2010

Narrative

3. The samples were not received at appropriate temperature the temperature was 7.2 degrees and there was evidence of cooling.

4. Hexachlorobenzene CC high for batch 66768.
   Fluoranthene CC low for batch 66768.
   Pyrene CC low for batch 66768.

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by client.

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Sample ID	Date/Time	Matrix	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL lead	TCLP	SPLP lead	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
Norw wall 2 @ 6'	5/6/10 955	S				X							X	X						X		X					
Conf 12 @ 6'	5/6/10 953	S			2								X	X						X		X					

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Gerald Smith	5/7/10 900	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Report Results on AL Kovalik specified excel format for RSR comparison.

Client / Reporting Information

Company Name: GeoDesign Inc.

Address: 984 South Ford RD

City: Middlebury State: CT Zip: 06762

Report To: AKovalik - AKovalik@geodesigninc.com - Pingbao - Pbao@geodesigninc.com

E-mail:

Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.18

Project: Parcel C-South Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 7.2 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Tim Carr
GeoDesign
984 Southford Rd
Middlebury, CT 06492

RECEIVED
MAY 16 2011
GeoDesign, Inc.

Analytical Report

CET # 11050123

Report Date: May 10, 2011
Client Project: Parcel C, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE69070	Conf 41 6ft	Soil	5/4/2011	7:50	05/04/2011
AE69071	Conf 42 6ft	Soil	5/4/2011	7:55	05/04/2011

Sample temperature upon receipt was 3.4 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	Conf 41 6ft	Conf 42 6ft
CET ID	AE69070	AE69071
Date Analyzed	5/6/2011	5/6/2011

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	Conf 41 6ft	Conf 42 6ft
CET ID	AE69070	AE69071
Date Analyzed	5/6/2011	5/6/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	Conf 41 6ft	Conf 42 6ft
CET ID	AE69070	AE69071
Date Analyzed	5/5/2011	5/5/2011

SPLP, Metals [EPA 1312]

Client ID	Conf 41 6ft	Conf 42 6ft
CET ID	AE69070	AE69071
Date Analyzed	5/5/2011	5/5/2011

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Conf 41 6ft	Conf 42 6ft
CET ID	AE69070	AE69071
Date Analyzed	5/6/2011	5/6/2011
Total Solids	88	90

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	Conf 41 6ft	Conf 42 6ft
CET ID	AE69070	AE69071
Date Analyzed	5/6/2011	5/6/2011
Lead	48	15

Total Metals Dup Result [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	Conf 41 6ft
CET ID	AE69070
Date Analyzed	5/6/2011
Lead	45

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	Conf 41 6ft	Conf 42 6ft
CET ID	AE69070	AE69071
Date Analyzed	5/6/2011	5/6/2011
Lead	ND < 0.013	ND < 0.013

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 41 6ft	Conf 42 6ft
CET ID	AE69070	AE69071
Date Analyzed	5/9/2011	5/9/2011
Dilution	1.0	1.0
Pyridine	ND < 114	ND < 112
n-Nitroso-dimethylamine	ND < 341	ND < 334
bis(2-Chloroethyl)ether	ND < 341	ND < 334
Phenol	ND < 341	ND < 334
Aniline	ND < 341	ND < 334
2-Chlorophenol	ND < 341	ND < 334
1,3-Dichlorobenzene	ND < 341	ND < 334
1,4-Dichlorobenzene	ND < 341	ND < 334
Benzyl Alcohol	ND < 341	ND < 334
1,2-Dichlorobenzene	ND < 341	ND < 334
bis(2-chloroisopropyl)ether	ND < 341	ND < 334
Hexachloroethane	ND < 341	ND < 334
N-Nitroso-di-n-propylamine	ND < 341	ND < 334
2-Methyl Phenol	ND < 341	ND < 334
3+4 Methyl Phenol	ND < 341	ND < 334
Nitrobenzene	ND < 341	ND < 334
Isophorone	ND < 341	ND < 334
2-Nitrophenol	ND < 341	ND < 334
2,4-Dimethylphenol	ND < 341	ND < 334
bis(2-Chloroethoxy)methane	ND < 341	ND < 334
Benzoic Acid	ND < 341	ND < 334
2,4-Dichlorophenol	ND < 341	ND < 334
1,2,4-Trichlorobenzene	ND < 341	ND < 334
Naphthalene	ND < 341	ND < 334
2,6-Dichlorophenol	ND < 341	ND < 334

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 41 6ft	Conf 42 6ft
4-Chloroaniline	ND < 341	ND < 334
Hexachlorobutadiene	ND < 341	ND < 334
4-Chloro-3-methylphenol	ND < 341	ND < 334
2-Methyl Naphthalene	ND < 341	ND < 334
Hexachlorocyclopentadiene	ND < 341	ND < 334
2,4,6-Trichlorophenol	ND < 341	ND < 334
2,4,5-Trichlorophenol	ND < 341	ND < 334
2-Chloronaphthalene	ND < 341	ND < 334
2-Nitroaniline	ND < 341	ND < 334
Acenaphthylene	ND < 341	ND < 334
Dimethylphthalate	ND < 341	ND < 334
2,6-Dinitrotoluene	ND < 341	ND < 334
4-Nitroaniline	ND < 341	ND < 334
Acenaphthene	ND < 341	ND < 334
2,4-Dinitrophenol	ND < 341	ND < 334
2,4-Dinitrotoluene	ND < 341	ND < 334
4-Nitrophenol	ND < 341	ND < 334
Dibenzofuran	ND < 341	ND < 334
2,3,4,6-Tetrachlorophenol	ND < 341	ND < 334
Fluorene	ND < 341	ND < 334
4-Chlorophenyl-phenylether	ND < 341	ND < 334
Diethylphthalate	ND < 341	ND < 334
3-Nitroaniline	ND < 341	ND < 334
4,6-Dinitro-2-methylphenol	ND < 341	ND < 334
n-Nitrosodiphenylamine	ND < 341	ND < 334
Azobenzene	ND < 341	ND < 334
4-Bromophenyl-phenylether	ND < 341	ND < 334
Hexachlorobenzene	ND < 341	ND < 334
Pentachlorophenol	ND < 341	ND < 334
Phenanthrene	ND < 341	ND < 334
Anthracene	ND < 341	ND < 334
Carbazole	ND < 341	ND < 334
Di-n-butylphthalate	ND < 341	ND < 334
Fluoranthene	ND < 341	ND < 334
Pyrene	ND < 341	ND < 334
Butylbenzylphthalate	ND < 341	ND < 334
3,3-Dichlorobenzidine	ND < 341	ND < 334
Benzo[a]anthracene	ND < 341	ND < 334
Chrysene	ND < 341	ND < 334
bis(2-Ethylhexyl)phthalate	ND < 341	ND < 334
Di-n-octylphthalate	ND < 341	ND < 334
Benzo[b]fluoranthene	ND < 341	ND < 334
Benzo[k]fluoranthene	ND < 341	ND < 334
Benzo[a]pyrene	ND < 341	ND < 334
Indeno[1,2,3-cd]pyrene	ND < 341	ND < 334
Dibenz[a,h]anthracene	ND < 341	ND < 334
Benzo[g,h,i]perylene	ND < 341	ND < 334
2-Fluorophenol (Surr) 30-130	66.2	79.4
Phenol-d5 (Surr) 30-130	78.4	88
Nitrobenzene-d5(Surr) 30-130	66	68.5
2-Fluorobiphenyl (Surr) 30-130	67	71.4
2,4,6-Tribromophenol (Surr) 30-130	51.7	62.6
Terphenyl-d14 (Surr) 30-130	54.3	60.5

Semi-Vol. Dup Result [EPA 8270D] Units: ug/kg

Client ID	Conf 42 6ft
CET ID	AE69071
Date Analyzed	5/9/2011
Dilution	1.0
Pyridine	ND < 112
n-Nitroso-dimethylamine	ND < 334
bis(2-Chloroethyl)ether	ND < 334
Phenol	ND < 334
Aniline	ND < 334
2-Chlorophenol	ND < 334
1,3-Dichlorobenzene	ND < 334
1,4-Dichlorobenzene	ND < 334
Benzyl Alcohol	ND < 334
1,2-Dichlorobenzene	ND < 334
bis(2-chloroisopropyl)ether	ND < 334
Hexachloroethane	ND < 334
N-Nitroso-di-n-propylamine	ND < 334
2-Methyl Phenol	ND < 334
3+4 Methyl Phenol	ND < 334
Nitrobenzene	ND < 334
Isophorone	ND < 334
2-Nitrophenol	ND < 334
2,4-Dimethylphenol	ND < 334
bis(2-Chloroethoxy)methane	ND < 334
Benzoic Acid	ND < 334
2,4-Dichlorophenol	ND < 334
1,2,4-Trichlorobenzene	ND < 334
Naphthalene	ND < 334
2,6-Dichlorophenol	ND < 334
4-Chloroaniline	ND < 334
Hexachlorobutadiene	ND < 334
4-Chloro-3-methylphenol	ND < 334
2-Methyl Naphthalene	ND < 334
Hexachlorocyclopentadiene	ND < 334
2,4,6-Trichlorophenol	ND < 334
2,4,5-Trichlorophenol	ND < 334
2-Chloronaphthalene	ND < 334
2-Nitroaniline	ND < 334
Acenaphthylene	ND < 334
Dimethylphthalate	ND < 334
2,6-Dinitrotoluene	ND < 334
4-Nitroaniline	ND < 334
Acenaphthene	ND < 334
2,4-Dinitrophenol	ND < 334
2,4-Dinitrotoluene	ND < 334
4-Nitrophenol	ND < 334
Dibenzofuran	ND < 334
2,3,4,6-Tetrachlorophenol	ND < 334
Fluorene	ND < 334
4-Chlorophenyl-phenylether	ND < 334
Diethylphthalate	ND < 334
3-Nitroaniline	ND < 334
4,6-Dinitro-2-methylphenol	ND < 334
n-Nitrosodiphenylamine	ND < 334

Semi-Vol. Dup Result [EPA 8270D] Units: ug/kg

Client ID	Conf 42 6ft
Azobenzene	ND < 334
4-Bromophenyl-phenylether	ND < 334
Hexachlorobenzene	ND < 334
Pentachlorophenol	ND < 334
Phenanthrene	ND < 334
Anthracene	ND < 334
Carbazole	ND < 334
Di-n-butylphthalate	ND < 334
Fluoranthene	ND < 334
Pyrene	ND < 334
Butylbenzylphthalate	ND < 334
3,3-Dichlorobenzidine	ND < 334
Benzo[a]anthracene	ND < 334
Chrysene	ND < 334
bis(2-Ethylhexyl)phthalate	ND < 334
Di-n-octylphthalate	ND < 334
Benzo[b]fluoranthene	ND < 334
Benzo[k]fluoranthene	ND < 334
Benzo[a]pyrene	ND < 334
Indeno[1,2,3-cd]pyrene	ND < 334
Dibenz[a,h]anthracene	ND < 334
Benzo[g,h,i]perylene	ND < 334
2-Fluorophenol (Surr) 30-130	77.6
Phenol-d5 (Surr) 30-130	86.5
Nitrobenzene-d5(Surr) 30-130	68.8
2-Fluorobiphenyl (Surr) 30-130	69.8
2,4,6-Tribromophenol (Surr) 30-130	61
Terphenyl-d14 (Surr) 30-130	60.7

Conn. Extractable TPH Dup [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf 41 6ft
CET ID	AE69070
Date Analyzed	5/6/2011
Dilution	1.0
ETPH	ND < 57
Octacosane (surr)	96.1

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf 41 6ft	Conf 42 6ft
CET ID	AE69070	AE69071
Date Analyzed	5/6/2011	5/6/2011
Dilution	1.0	1.0
ETPH	ND < 57	ND < 56
Octacosane (surr) 50-150	107	102

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

CET #: 11050123

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

CHAIN OF CUSTODY RECORD

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 2-3 Days *, Std (5-7 Days)

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides, Herbicides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
Conf 41@6'	5/4/11 750	S			3							X	X							X		X			1	
Conf 42@6'	5/4/11 755	S			3							X	X							X		X			1	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)												C	C							C		C				
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)												G	G							G		G			2	
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)																										

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	5-4-11 1050	[signature]
[signature]	5-4-11 1520	[signature]

NOTES: Also please send copy of Results to Chris Eggers at CEggers@geodesign.NET

Client / Reporting Information

Company Name: GeoDesign, Inc
Address: 984 Southford Road
City: Middlebury State: CT Zip: 06762
Report To: Tim Carr E-mail: Tim@geodesign.NET
Phone #: 203-758-8836 x106 Fax #: 203-758-8842

Project Information

Project Contact: ~~Parcel C~~ Tim Carr PO #: 3101-4.1
Project: Parcel C Project #: 3101.4.1
Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *
Data Report: ☐ Email ☐ PDF ☐ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (specify)

Lab Use: Evidence of Cooling: Y or N
Temp Upon Receipt: 3.4 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE69070, AE69071 ***Sampling Date(s):*** 5/4/11

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 11050123

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 5/12/11

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C, Naugatuck
CET#: 11050123

Blank/LCS Report

QA Type: Conn. Extractable TPH Date Analyzed: 5/6/2011 Batch ID: 72850

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	118	60-120

All associated samples: AE69070 AE69071

QA Type: Total Metals Date Analyzed: 5/6/2011 Batch ID: 72856

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	109	80-120

All associated samples: AE69070 AE69071

QA Type: SPLP Metals Date Analyzed: 5/6/2011 Batch ID: 72865

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	100	80-120

All associated samples: AE69070 AE69071

QA Type: Semi-Volatile Organics Date Analyzed: 5/9/2011 Batch ID: 72883

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	58	30-130
n-Nitroso-dimethylamine	ND<300	75	40-140
bis(2-Chloroethyl)ether	ND<300	78	40-140
Phenol	ND<300	90	30-130
Aniline	ND<300	71	30-130
2-Chlorophenol	ND<300	80	30-130
1,3-Dichlorobenzene	ND<300	66	40-140
1,4-Dichlorobenzene	ND<300	67	40-140
Benzyl Alcohol	ND<300	37	30-130
1,2-Dichlorobenzene	ND<300	69	40-140
bis(2-chloroisopropyl)ether	ND<300	90	40-140
Hexachloroethane	ND<300	68	40-140
N-Nitroso-di-n-propylamine	ND<300	91	40-140
2-Methyl Phenol	ND<300	78	30-130
3+4 Methyl Phenol	ND<300	80	30-130
Nitrobenzene	ND<300	77	40-140
Isophorone	ND<300	76	40-140

Project: Parcel C, Naugatuck
Cet#: 11050123

QA Type: Semi-Volatile Organics Date Analyzed: 5/9/2011 Batch ID: 72883

Analyte	Blank	LCS%Rec	LCS CL
2-Nitrophenol	ND<300	73	30-130
2,4-Dimethylphenol	ND<300	57	30-130
bis(2-Chloroethoxy)methane	ND<300	77	40-140
2,4-Dichlorophenol	ND<300	68	30-130
1,2,4-Trichlorobenzene	ND<300	67	40-140
Naphthalene	ND<300	70	40-140
4-Chloroaniline	ND<300	69	30-130
Hexachlorobutadiene	ND<300	64	40-140
4-Chloro-3-methylphenol	ND<300	82	30-130
2-Methyl Naphthalene	ND<300	79	40-140
Hexachlorocyclopentadiene	ND<300	55	40-140
2,4,6-Trichlorophenol	ND<300	62	30-130
2,4,5-Trichlorophenol	ND<300	70	30-130
2-Chloronaphthalene	ND<300	68	30-130
2-Nitroaniline	ND<300	80	30-130
Acenaphthylene	ND<300	69	40-140
Dimethylphthalate	ND<300	74	40-140
2,6-Dinitrotoluene	ND<300	71	40-140
4-Nitroaniline	ND<300	109	30-130
Acenaphthene	ND<300	75	40-140
2,4-Dinitrophenol	ND<300	66	30-130
2,4-Dinitrotoluene	ND<300	73	40-140
4-Nitrophenol	ND<300	60	30-130
Dibenzofuran	ND<300	76	40-140
Fluorene	ND<300	73	40-140
4-Chlorophenyl-phenylether	ND<300	73	40-140
Diethylphthalate	ND<300	75	40-140
3-Nitroaniline	ND<300	96	30-130
4,6-Dinitro-2-methylphenol	ND<300	82	30-130
n-Nitrosodiphenylamine	ND<300	92	40-140
Azobenzene	ND<300	88	40-140
4-Bromophenyl-phenylether	ND<300	76	40-140
Hexachlorobenzene	ND<300	77	40-140
Pentachlorophenol	ND<300	57	30-130
Phenanthrene	ND<300	79	40-140
Anthracene	ND<300	80	40-140
Di-n-butylphthalate	ND<300	84	40-140
Fluoranthene	ND<300	77	40-140
Pyrene	ND<300	77	40-140
Butylbenzylphthalate	ND<300	86	40-140
Benzo[a]anthracene	ND<300	81	40-140
Chrysene	ND<300	82	40-140
bis(2-Ethylhexyl)phthalate	ND<300	88	40-140
Di-n-octylphthalate	ND<300	86	40-140
Benzo[b]fluoranthene	ND<300	76	40-140
Benzo[k]fluoranthene	ND<300	88	40-140
Benzo[a]pyrene	ND<300	84	40-140
Indeno[1,2,3-cd]pyrene	ND<300	85	40-140
Dibenz[a,h]anthracene	ND<300	88	40-140
Benzo[g,h,i]perylene	ND<300	82	40-140

All associated samples: AE69070 AE69071

Project: Parcel C, Naugatuck
Cet#: 11050123

Matrix Spike Report

QA Type: Conn. Extractable TPH Date Analyzed: 5/9/2011 Sample ID: AE69070 Client ID: Conf 41 6ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	ND<57	1700	112	113	50-150	0.89	30

QA Type: Total Metals Date Analyzed: 5/6/2011 Sample ID: AE69070 Client ID: Conf 41 6ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	48	28.4	61 L	65 L	75-125	5.60	35

QA Type: Semi-Volatile Organics Date Analyzed: 5/9/2011 Sample ID: AE69071 Client ID: Conf 42 6ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Pyridine	ND<112	4400	64	66	30-130	4.00	30
n-Nitroso-dimethylamine	ND<334	4400	84	82	40-140	3.00	30
bis(2-Chloroethyl)ether	ND<334	4400	84	82	40-140	3.00	30
Phenol	ND<334	4400	93	89	30-130	5.00	30
Aniline	ND<334	4400	77	82	30-130	6.00	30
2-Chlorophenol	ND<334	4400	84	80	30-130	6.00	30
1,3-Dichlorobenzene	ND<334	4400	70	68	40-140	3.00	30
1,4-Dichlorobenzene	ND<334	4400	73	70	40-140	3.00	30
Benzyl Alcohol	ND<334	4400	20 L	13 L	30-130	42.00 H	30
1,2-Dichlorobenzene	ND<334	4400	75	73	40-140	3.00	30
bis(2-chloroisopropyl)ether	ND<334	4400	96	91	40-140	5.00	30
Hexachloroethane	ND<334	4400	75	73	40-140	3.00	30
N-Nitroso-di-n-propylamine	ND<334	4400	96	91	40-140	5.00	30
2-Methyl Phenol	ND<334	4400	77	77	30-130	0.00	30
3+4 Methyl Phenol	ND<334	4400	82	77	30-130	6.00	30
Nitrobenzene	ND<334	4400	82	80	40-140	3.00	30
Isophorone	ND<334	4400	80	75	40-140	6.00	30
2-Nitrophenol	ND<334	4400	80	73	30-130	9.00	30
2,4-Dimethylphenol	ND<334	4400	59	66	30-130	11.00	30
bis(2-Chloroethoxy)methane	ND<334	4400	82	75	40-140	9.00	30
2,4-Dichlorophenol	ND<334	4400	70	66	30-130	7.00	30
1,2,4-Trichlorobenzene	ND<334	4400	73	68	40-140	6.00	30
Naphthalene	ND<334	4400	75	70	40-140	6.00	30
4-Chloroaniline	ND<334	4400	70	73	30-130	3.00	30
Hexachlorobutadiene	ND<334	4400	68	66	40-140	3.00	30
4-Chloro-3-methylphenol	ND<334	4400	84	77	30-130	8.00	30
2-Methyl Naphthalene	ND<334	4400	84	77	40-140	8.00	30
Hexachlorocyclopentadiene	ND<334	4400	73	66	40-140	10.00	30
2,4,6-Trichlorophenol	ND<334	4400	54	50	30-130	9.00	30
2,4,5-Trichlorophenol	ND<334	4400	80	82	30-130	3.00	30
2-Chloronaphthalene	ND<334	4400	75	68	40-140	9.00	30
2-Nitroaniline	ND<334	4400	82	80	30-130	3.00	30
Acenaphthylene	ND<334	4400	73	73	40-140	0.00	30
Dimethylphthalate	ND<334	4400	75	70	40-140	6.00	30
2,6-Dinitrotoluene	ND<334	4400	73	68	40-140	6.00	30
4-Nitroaniline	ND<334	4400	118	114	30-130	3.00	30
Acenaphthene	ND<334	4400	77	75	40-140	3.00	30

Project: Parcel C, Naugatuck
Cet#: 11050123

QA Type: Semi-Volatile Organics Date Analyzed: 5/9/2011 Sample ID: AE69071 Client ID: Conf 42 6ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
2,4-Dinitrophenol	ND<334	4400	59	57	30-130	4.00	30
2,4-Dinitrotoluene	ND<334	4400	75	70	40-140	6.00	30
4-Nitrophenol	ND<334	4400	70	66	30-130	7.00	30
Dibenzofuran	ND<334	4400	80	75	40-140	6.00	30
Fluorene	ND<334	4400	75	73	40-140	3.00	30
4-Chlorophenyl-phenylether	ND<334	4400	75	70	40-140	6.00	30
Diethylphthalate	ND<334	4400	77	70	40-140	9.00	30
3-Nitroaniline	ND<334	4400	98	98	30-130	0.00	30
4,6-Dinitro-2-methylphenol	ND<334	4400	77	70	30-130	9.00	30
n-Nitrosodiphenylamine	ND<334	4400	91	84	40-140	8.00	30
Azobenzene	ND<334	4400	91	86	40-140	5.00	30
4-Bromophenyl-phenylether	ND<334	4400	80	73	40-140	9.00	30
Hexachlorobenzene	ND<334	4400	77	75	40-140	3.00	30
Pentachlorophenol	ND<334	4400	64	57	30-130	11.00	30
Phenanthrene	ND<334	4400	80	75	40-140	6.00	30
Anthracene	ND<334	4400	82	80	40-140	3.00	30
Di-n-butylphthalate	ND<334	4400	84	80	40-140	6.00	30
Fluoranthene	ND<334	4400	80	75	40-140	6.00	30
Pyrene	ND<334	4400	80	73	40-140	9.00	30
Butylbenzylphthalate	ND<334	4400	89	82	40-140	8.00	30
Benzo[a]anthracene	ND<334	4400	82	77	40-140	6.00	30
Chrysene	ND<334	4400	84	77	40-140	8.00	30
bis(2-Ethylhexyl)phthalate	ND<334	4400	89	84	40-140	5.00	30
Di-n-octylphthalate	ND<334	4400	89	82	40-140	8.00	30
Benzo[b]fluoranthene	ND<334	4400	77	73	40-140	6.00	30
Benzo[k]fluoranthene	ND<334	4400	89	84	40-140	5.00	30
Benzo[a]pyrene	ND<334	4400	86	84	40-140	3.00	30
Indeno[1,2,3-cd]pyrene	ND<334	4400	98	91	40-140	7.00	30
Dibenz[a,h]anthracene	ND<334	4400	96	89	40-140	7.00	30
Benzo[g,h,i]perylene	ND<334	4400	98	93	40-140	5.00	30

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration SVOC			
Hexachlorocyclopentadiene	72883	22 H	20
3-Nitroaniline	72883	26 H	20

All associated samples: AE69070 AE69071

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
Phenol	72883	61 H	40-60	5/9/2011

All associated samples: AE69070 AE69071

QC Batch Report

Conn. Extractable TPH Batch 72850

CET ID	Client Sample ID	Matrix	Collection Date
AE69070	Conf 41 6ft	Soil	5/4/2011
AE69071	Conf 42 6ft	Soil	5/4/2011

Total Metals Batch 72856

CET ID	Client Sample ID	Matrix	Collection Date
AE69070	Conf 41 6ft	Soil	5/4/2011
AE69071	Conf 42 6ft	Soil	5/4/2011

SPLP Metals Batch 72865

CET ID	Client Sample ID	Matrix	Collection Date
AE69070	Conf 41 6ft	Soil	5/4/2011
AE69071	Conf 42 6ft	Soil	5/4/2011

Semi-Volatile Organics Batch 72883

CET ID	Client Sample ID	Matrix	Collection Date
AE69070	Conf 41 6ft	Soil	5/4/2011
AE69071	Conf 42 6ft	Soil	5/4/2011

Narrative

4. Total Lead matrix spike recovery low (61%) for sample AE69070.
   Total Lead matrix spike dup recovery low (65%) for sample AE69070.
   Benzyl Alcohol matrix spike recovery low (20%) for sample AE69071.
   Benzyl Alcohol matrix spike RPD high (42.00%) for sample AE69071.
   Benzyl Alcohol matrix spike dup recovery low (13%) for sample AE69071.
   Hexachlorocyclopentadiene Initial Cal % RSD high(22%) for batch 72883.
   3-Nitroaniline Initial Cal % RSD high(26%) for batch 72883.
   Phenol CC high for batch 72883.

6. The client has requested a subset of the RCP Metals list.

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
LCS CL	Control limits for Laboratory Control Sample.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
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e-mail: cet1@cetlabs.com

RECEIVED
MAY 19 2010
GeoDesign, Inc.

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

Lead
Test Pit F7 @ 6'
(Cross wall)
clean for lead

CET # 10050090

Report Date: May 10, 2010
Client Project: Parcel C South Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date
AE38430	TP F7 East Wall 6ft	Soil	5/5/2010

Sample temperature upon receipt was 21.2 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	TP F7 East Wall 6ft
CET ID	AE38430
Date Analyzed	5/7/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	TP F7 East Wall 6ft
CET ID	AE38430
Date Analyzed	5/10/2010
Total Solids	85

Total Metals [EPA 6010] Units: mg/kg (Dry Wt)

Client ID	TP F7 East Wall 6ft
CET ID	AE38430
Date Analyzed	5/7/2010
Dilution	1.0
Lead	24

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.

Sincerely,

David Ditta
Laboratory Director

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL Lead	TCLP	SPLP Lead	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
TP F7 East Wall @ 6'	5/5/10 1000	S			2															X		H					

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	5/6/10	927 [illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: HOLD SAMPLE FOR SPLP LEAD until to ID.

Client / Reporting Information

Company Name: GeoDesign INC

Address: 984 SOUTH FORD ROAD

City: Middlebury State: CT Zip: 06762

Report To: AL KOVALIK - AKOVALIK@geodesign.net / Pingbun - Pbun@geodesign.net

E-mail:

Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: AL KOVALIK PO #: 3101-4.1

Project: PARCEL C SOUTH Project #: 3101-4.1

Location: NAUGATUCK Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or (N)
Temp Upon Receipt 21.2 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDeisgn

Project Location: Parcel C South Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE38430 ***Sampling Date(s):*** 5/5/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10050090

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☐Yes ☒ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☒Yes ☐No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 5/14/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South Naugatuck
CET#: 10050090

Blank/LCS Report

QA Type: Total Metals Date Analyzed: 5/7/2010 Batch ID: 66760

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	92	80-120

All associated samples: AE38430

QC Batch Report

Total Metals Batch 66760

CET ID	Client Sample ID	Matrix	Collection Date
AE38430	TP F7 East Wall 6ft	Soil	5/5/2010

Narrative

3. The samples were not received at appropriate temperature the temperature was 21.2 degrees and there was no evidence of cooling.

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by client.

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL Lead	TCLP	SPLP Lead	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
TP F7 East wall @ 6'	5/5/10 1000	S			2															X		H					

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Michael Mishe	5/6/10	927 [illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Hold sample for SPLP Lead until told.

Client / Reporting Information

Company Name: GeoDesign INC

Address: 984 South Ford Road

City: Middlebury State: CT Zip: 06762

Report To: AL Kwalik - AKwalik@geodesignnet / Pingtian - PKu@geodesignnet

E-mail:

Phone #: 203-758-8836 x13 Fax #: 203-758-8842

Project Information

Project Contact: AL Kwalik PO #: 3101-4.1

Project: Parcel C South Project #: 3101-4.1

Location: Naugatuck Collector(s): GTM

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report ☐ Email ☐ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or (N)
Temp Upon Receipt 21.2 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

RECEIVED
MAY 13 2010
GeoDesign, Inc.

Analytical Report

CET # 10050048

CONF 11@ 10'
exc PAHs

East wall 4@ 9'
exc PAHs

CONF 1A@ 6' - clean [illegible]
ok PAHs.

Report Date: May 10, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date
AE38288	Conf 11 10ft	Soil	5/3/2010
AE38289	East Wall 4 9ft	Soil	5/3/2010
AE38290	Conf 1A 6ft	Soil	5/4/2010

Sample temperature upon receipt was 4.4 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	Conf 11 10ft	East Wall 4 9ft	Conf 1A 6ft
CET ID	AE38288	AE38289	AE38290
Date Analyzed	5/5/2010	5/5/2010	5/5/2010

Accelerated Solvent Ext. SVOC [EPA 3545]

Client ID	Conf 11 10ft	East Wall 4 9ft
CET ID	AE38288	AE38289
Date Analyzed	5/6/2010	5/6/2010

Ultrasonic Extraction-ETPH [EPA 3550B]

Client ID	Conf 11 10ft	East Wall 4 9ft
CET ID	AE38288	AE38289
Date Analyzed	5/5/2010	5/6/2010

SPLP, Metals [EPA 1312]

Client ID	Conf 11 10ft	East Wall 4 9ft
CET ID	AE38288	AE38289
Date Analyzed	5/6/2010	5/6/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Conf 11 10ft	East Wall 4 9ft	Conf 1A 6ft
CET ID	AE38288	AE38289	AE38290
Date Analyzed	5/6/2010	5/7/2010	5/10/2010
Total Solids	86	86	89

Total Metals [EPA 6010] Units: mg/kg (Dry Wt)

Client ID	Conf 11 10ft	East Wall 4 9ft	Conf 1A 6ft
CET ID	AE38288	AE38289	AE38290
Date Analyzed	5/5/2010	5/5/2010	5/5/2010
Dilution	1.0	1.0	1.0
Lead	93	19	100
Selenium		2.0	
Cadmium		ND < 1.0	
Chromium		17	
Arsenic		2.2	
Barium		91	
Silver		ND < 2.5	

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	Conf 11 10ft	East Wall 4 9ft
CET ID	AE38288	AE38289
Date Analyzed	5/6/2010	5/6/2010
Dilution	1.0	1.0
Lead	ND < 0.013	0.027
Selenium		ND < 0.01
Cadmium		ND < 0.005
Chromium		ND < 0.05
Arsenic		ND < 0.009
Barium		0.072
Silver		ND < 0.02

EPA 8270 Semi-Volatile Organics [EPA 8270] Units: ug/kg (Dry Wt)

Client ID	Conf 11 10ft	East Wall 4 9ft
CET ID	AE38288	AE38289
Date Analyzed	5/8/2010	5/8/2010
Dilution	1.0	1.0
Pyridine	ND < 349	ND < 349
n-Nitroso-dimethylamine	ND < 349	ND < 349
bis(2-Chloroethyl)ether	ND < 349	ND < 349
Phenol	ND < 349	ND < 349
Aniline	ND < 349	ND < 349
2-Chlorophenol	ND < 349	ND < 349
1,3-Dichlorobenzene	ND < 349	ND < 349
1,4-Dichlorobenzene	ND < 349	ND < 349
Benzyl Alcohol	ND < 349	ND < 349
1,2-Dichlorobenzene	ND < 349	ND < 349
bis(2-chloroisopropyl)ether	ND < 349	ND < 349
Hexachloroethane	ND < 349	ND < 349
N-Nitroso-di-n-propylamine	ND < 349	ND < 349
2-Methyl Phenol	ND < 349	ND < 349
3+4 Methyl Phenol	ND < 349	ND < 349
Nitrobenzene	ND < 349	ND < 349
Isophorone	ND < 349	ND < 349

EPA 8270 Semi-Volatile Organics [EPA 8270] Units: ug/kg (Dry Wt)

Client ID	Conf 11 10ft	East Wall 4 9ft
2-Nitrophenol	ND < 349	ND < 349
2,4-Dimethylphenol	ND < 349	ND < 349
bis(2-Chloroethoxy)methane	ND < 349	ND < 349
Benzoic Acid	ND < 349	ND < 349
2,4-Dichlorophenol	ND < 349	ND < 349
1,2,4-Trichlorobenzene	ND < 349	ND < 349
Naphthalene	ND < 349	850
2,6-Dichlorophenol	ND < 349	ND < 349
4-Chloroaniline	ND < 349	ND < 349
Hexachlorobutadiene	ND < 349	ND < 349
4-Chloro-3-methylphenol	ND < 349	ND < 349
2-Methyl Naphthalene	ND < 349	5600
Hexachlorocyclopentadiene	ND < 349	ND < 349
2,4,6-Trichlorophenol	ND < 349	ND < 349
2,4,5-Trichlorophenol	ND < 349	ND < 349
2-Chloronaphthalene	ND < 349	ND < 349
2-Nitroaniline	ND < 349	ND < 349
Acenaphthylene	ND < 349	ND < 349
Dimethylphthalate	ND < 349	ND < 349
2,6-Dinitrotoluene	ND < 349	ND < 349
4-Nitroaniline	ND < 349	ND < 349
Acenaphthene	ND < 349	930
2,4-Dinitrophenol	ND < 349	ND < 349
2,4-Dinitrotoluene	ND < 349	ND < 349
4-Nitrophenol	ND < 349	ND < 349
Dibenzofuran	ND < 349	ND < 349
2,3,4,6-Tetrachlorophenol	ND < 349	ND < 349
Fluorene	ND < 349	1000
4-Chlorophenyl-phenylether	ND < 349	ND < 349
Diethylphthalate	ND < 349	ND < 349
3-Nitroaniline	ND < 349	ND < 349
4,6-Dinitro-2-methylphenol	ND < 349	ND < 349
n-Nitrosodiphenylamine	ND < 349	ND < 349
Azobenzene	ND < 349	ND < 349
4-Bromophenyl-phenylether	ND < 349	ND < 349
Hexachlorobenzene	ND < 349	ND < 349
Pentachlorophenol	ND < 349	ND < 349
Phenanthrene	860	3700
Anthracene	ND < 349	ND < 349
Carbazole	ND < 349	ND < 349
Di-n-butylphthalate	ND < 349	ND < 349
Fluoranthene	1800	1200
Pyrene	1800	1900
Butylbenzylphthalate	ND < 349	ND < 349
3,3-Dichlorobenzidine	ND < 349	ND < 349
Benzo[a]anthracene	1100	690
Chrysene	980	1200
bis(2-Ethylhexyl)phthalate	ND < 349	ND < 349
Di-n-octylphthalate	ND < 349	ND < 349
Benzo[b]fluoranthene	1000	540
Benzo[k]fluoranthene	460	ND < 349
Benzo[a]pyrene	960	510

EPA 8270 Semi-Volatile Organics [EPA 8270] Units: ug/kg (Dry Wt)

Client ID	Conf 11 10ft	East Wall 4 9ft
Indeno[1,2,3-cd]pyrene	620	ND < 349
Dibenz[a,h]anthracene	ND < 349	ND < 349
Benzo[g,h,i]perylene	660	ND < 349
2-Fluorophenol (Surr) 30-130	61.1	55.4
Phenol-d5 (Surr) -	66.4	59.9
Nitrobenzene-d5(Surr) 30-130	65.3	54.9
2-Fluorobiphenyl (Surr) 30-130	73.8	69.8
2,4,6-Tribromophenol (Surr) 30-130	71.6	83.2
Terphenyl-d14 (Surr) 30-130	67	63.7

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf 11 10ft	East Wall 4 9ft
CET ID	AE38288	AE38289
Date Analyzed	5/6/2010	5/7/2010
Dilution	1.0	1.0
ETPH	520*	5500*
Octacosane (surr) 50-150	98.4	94.8

*C_{18}-C_{36} Motor oil range

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.

Sincerely,

David Ditta
Laboratory Director

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis: Moisture cont

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Moisture cont	TOTAL # OF CONT.	NOTE #
CONF 11 @ 10'	5/3/10 240	S			3								X	X						X		X				1	
EAST WALL 4 @ 9'	5/3/10 245	S				X							X	X						X		X				1	
UST BOTTOM @ 7'	5/3/10 255	S			3		X						X	X					X	[redacted]		[redacted]			X	5	
CONF 1A @ 6'	5/4/10 757	S			3															X						1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	5/4/10 915	[signature]
[signature]	5-4-10 1620	[signature]

NOTES: Please put results on AL Kovalik specified excel format.

Client / Reporting Information

Company Name: GeoDesign, Inc

Address: 984 Southford Road

City: Middlebury State: CT Zip: 06762

Report To: AL Kovalik - AKovalik@geodesign.net / PatGan - PGan@geodesign.net

E-mail:

Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1

Project: Parcel C South Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use: Evidence of Cooling: Y or N
Temp Upon Receipt: 4°C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE38288-AE38290 ***Sampling Date(s):*** 5/3-5/4/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10050048

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 5/11/2010

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10050048

Blank/LCS Report

QA Type: Total Metals Date Analyzed: 5/5/2010 Batch ID: 66706

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	91	80-120
Selenium	ND<1.0	91	80-120
Cadmium	ND<0.5	95	80-120
Chromium	ND<2.0	95	80-120
Arsenic	ND<1.0	93	80-120
Barium	ND<2.0	93	80-120
Silver	ND<2.0	96	80-120

All associated samples: AE38288 AE38289 AE38290

QA Type: Conn. Extractable TPH Date Analyzed: 5/6/2010 Batch ID: 66715

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	96	60-120

All associated samples: AE38288

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 5/7/2010 Batch ID: 66726

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	40	30-130
n-Nitroso-dimethylamine	ND<300	60	40-140
bis(2-Chloroethyl)ether	ND<300	63	40-140
Phenol	ND<300	71	30-130
Aniline	ND<300	68	30-130
2-Chlorophenol	ND<300	66	30-130
1,3-Dichlorobenzene	ND<300	58	40-140
1,4-Dichlorobenzene	ND<300	59	40-140
Benzyl Alcohol	ND<300	9 L	30-130
1,2-Dichlorobenzene	ND<300	62	40-140
bis(2-chloroisopropyl)ether	ND<300	68	40-140
Hexachloroethane	ND<300	45	40-140
N-Nitroso-di-n-propylamine	ND<300	69	40-140
2-Methyl Phenol	ND<300	62	30-130
3+4 Methyl Phenol	ND<300	69	30-130
Nitrobenzene	ND<300	68	40-140

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 5/7/2010 Batch ID: 66726

Analyte	Blank	LCS%Rec	LCS CL
Isophorone	ND<300	67	40-140
2-Nitrophenol	ND<300	67	30-130
2,4-Dimethylphenol	ND<300	67	30-130
bis(2-Chloroethoxy)methane	ND<300	70	40-140
2,4-Dichlorophenol	ND<300	71	30-130
1,2,4-Trichlorobenzene	ND<300	67	40-140
Naphthalene	ND<300	67	40-140
4-Chloroaniline	ND<300	73	30-130
Hexachlorobutadiene	ND<300	62	40-140
4-Chloro-3-methylphenol	ND<300	80	30-130
2-Methyl Naphthalene	ND<300	83	40-140
Hexachlorocyclopentadiene	ND<300	90	40-140
2,4,6-Trichlorophenol	ND<300	68	30-130
2,4,5-Trichlorophenol	ND<300	92	30-130
2-Chloronaphthalene	ND<300	74	30-130
2-Nitroaniline	ND<300	89	30-130
Acenaphthylene	ND<300	78	40-140
Dimethylphthalate	ND<300	84	40-140
2,6-Dinitrotoluene	ND<300	82	40-140
4-Nitroaniline	ND<300	103	30-130
Acenaphthene	ND<300	78	40-140
2,4-Dinitrophenol	ND<300	38	30-130
2,4-Dinitrotoluene	ND<300	87	40-140
4-Nitrophenol	ND<300	92	30-130
Dibenzofuran	ND<300	84	40-140
Fluorene	ND<300	83	40-140
4-Chlorophenyl-phenylether	ND<300	83	40-140
Diethylphthalate	ND<300	84	40-140
3-Nitroaniline	ND<300	82	30-130
4,6-Dinitro-2-methylphenol	ND<300	51	30-130
n-Nitrosodiphenylamine	ND<300	101	40-140
Azobenzene	ND<300	88	40-140
4-Bromophenyl-phenylether	ND<300	85	40-140
Hexachlorobenzene	ND<300	89	40-140
Pentachlorophenol	ND<300	90	30-130
Phenanthrene	ND<300	89	40-140
Anthracene	ND<300	90	40-140
Di-n-butylphthalate	ND<300	95	40-140
Fluoranthene	ND<300	93	40-140
Pyrene	ND<300	96	40-140
Butylbenzylphthalate	ND<300	88	40-140
Benzo[a]anthracene	ND<300	90	40-140
Chrysene	ND<300	91	40-140
bis(2-Ethylhexyl)phthalate	ND<300	88	40-140
Di-n-octylphthalate	ND<300	91	40-140
Benzo[b]fluoranthene	ND<300	83	40-140
Benzo[k]fluoranthene	ND<300	96	40-140
Benzo[a]pyrene	ND<300	93	40-140
Indeno[1,2,3-cd]pyrene	ND<300	97	40-140
Dibenz[a,h]anthracene	ND<300	98	40-140
Benzo[g,h,i]perylene	ND<300	87	40-140

All associated samples: AE38288 AE38289

QA Type: SPLP Metals Date Analyzed: 5/6/2010 Batch ID: 66735

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	94	80-120
Selenium	ND<0.01	100	80-120
Cadmium	ND<0.005	96	80-120
Chromium	ND<0.05	92	80-120
Arsenic	ND<0.009	92	80-120
Barium	ND<0.05	92	80-120
Silver	ND<0.02	102	80-120

All associated samples: AE38288 AE38289

QA Type: Conn. Extractable TPH Date Analyzed: 5/7/2010 Batch ID: 66756

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	95	60-120

All associated samples: AE38289

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
2,4-Dinitrophenol	66726	28 L	35-65	5/7/2010
4,6-Dinitro-2-methylphenol	66726	31 L	35-65	5/7/2010

All associated samples: AE38288 AE38289

QC Batch Report

Total Metals Batch 66706

CET ID	Client Sample ID	Matrix	Collection Date
AE38288	Conf 11 10ft	Soil	5/3/2010
AE38289	East Wall 4 9ft	Soil	5/3/2010
AE38290	Conf 1A 6ft	Soil	5/4/2010

Conn. Extractable TPH Batch 66715

CET ID	Client Sample ID	Matrix	Collection Date
AE38288	Conf 11 10ft	Soil	5/3/2010

EPA 8270C Semi-Volatile Organics Batch 66726

CET ID	Client Sample ID	Matrix	Collection Date
AE38288	Conf 11 10ft	Soil	5/3/2010
AE38289	East Wall 4 9ft	Soil	5/3/2010

SPLP Metals Batch 66735

CET ID	Client Sample ID	Matrix	Collection Date
AE38288	Conf 11 10ft	Soil	5/3/2010
AE38289	East Wall 4 9ft	Soil	5/3/2010

Conn. Extractable TPH Batch 66756

CET ID	Client Sample ID	Matrix	Collection Date
AE38289	East Wall 4 9ft	Soil	5/3/2010

Narrative

4. Benzyl Alcohol LCS recovery low (9%) for batch 66726.
   2,4-Dinitrophenol CC low for batch 66726.
   4,6-Dinitro-2-methylphenol CC low for batch 66726.

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by client.

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis: Moisture Cont

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Moisture Cont	TOTAL # OF CONT.	NOTE #
CONF 11@10'	5/3/10 240	S			3								X	X						X		X				1	
EAST WALL 4@9'	5/3/10 245	S				X							X	X						X		X				1	
WEST BOTTOM @ 9'	5/3/10 255	S			3		X						X	X					X	[illegible]		[illegible]			X	5	
CONF 1A@16'	5/4/10 757	S			3															X						1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	5/4/10	915 [illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Please put results on AL Kovalik specified excel format

Client / Reporting Information

Company Name: GeoDesign, Inc

Address: 984 Southford Road

City: Middlebury State: CT Zip: 06762

Report To: AL Kovalik - AKovalik@geodesign.net / PaeGan - PGan@geodesign.NET

E-mail:

Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1

Project: Parcel C South Project #: 3101-4.1

Location: Newgatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 4°C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Tim Carr
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

CET # 11050046

Report Date: May 6, 2011
Client Project: Parcel C, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE68811	Conf 37 4ft	Soil	4/29/2011	11:42	05/02/2011
AE68812	Conf 38 4ft	Soil	4/29/2011	11:47	05/02/2011
AE68813	Conf 39 5.5ft	Soil	4/29/2011	11:55	05/02/2011
AE68814	Conf 40 6ft	Soil	4/29/2011	12:00	05/02/2011

Sample temperature upon receipt was 3.4 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	Conf 37 4ft	Conf 38 4ft	Conf 39 5.5ft	Conf 40 6ft
CET ID	AE68811	AE68812	AE68813	AE68814
Date Analyzed	5/5/2011	5/5/2011	5/5/2011	5/5/2011

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	Conf 37 4ft	Conf 38 4ft	Conf 39 5.5ft	Conf 40 6ft
CET ID	AE68811	AE68812	AE68813	AE68814
Date Analyzed	5/4/2011	5/4/2011	5/4/2011	5/4/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	Conf 37 4ft	Conf 38 4ft	Conf 39 5.5ft	Conf 40 6ft
CET ID	AE68811	AE68812	AE68813	AE68814
Date Analyzed	5/3/2011	5/3/2011	5/3/2011	5/3/2011

SPLP, Metals [EPA 1312]

Client ID	Conf 37 4ft	Conf 38 4ft	Conf 39 5.5ft	Conf 40 6ft
CET ID	AE68811	AE68812	AE68813	AE68814
Date Analyzed	5/3/2011	5/3/2011	5/3/2011	5/3/2011

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Conf 37 4ft	Conf 38 4ft	Conf 39 5.5ft	Conf 40 6ft
CET ID	AE68811	AE68812	AE68813	AE68814
Date Analyzed	5/4/2011	5/4/2011	5/4/2011	5/4/2011
Total Solids	83	86	82	88

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	Conf 37 4ft	Conf 38 4ft	Conf 39 5.5ft	Conf 40 6ft
CET ID	AE68811	AE68812	AE68813	AE68814
Date Analyzed	5/5/2011	5/5/2011	5/5/2011	5/5/2011
Dilution	1.0	1.0	1.0	1.0
Lead	40	30	14	48

Total Metals Dup Result [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	Conf 40 6ft
CET ID	AE68814
Date Analyzed	5/5/2011
Dilution	1.0
Lead	46

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	Conf 37 4ft	Conf 38 4ft	Conf 39 5.5ft	Conf 40 6ft
CET ID	AE68811	AE68812	AE68813	AE68814
Date Analyzed	5/5/2011	5/5/2011	5/5/2011	5/5/2011
Dilution	1.0	1.0	1.0	1.0
Lead	ND < 0.013	ND < 0.013	ND < 0.013	0.020

SPLP Metals by ICP/MS Dup [EPA 6020A] Units: mg/l

Client ID	Conf 37 4ft
CET ID	AE68811
Date Analyzed	5/5/2011
Dilution	1.0
Lead	ND < 0.013

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 37 4ft	Conf 38 4ft	Conf 39 5.5ft	Conf 40 6ft
CET ID	AE68811	AE68812	AE68813	AE68814
Date Analyzed	5/5/2011	5/5/2011	5/5/2011	5/5/2011
Dilution	1.0	1.0	1.0	1.0
Pyridine	ND < 121	ND < 117	ND < 122	ND < 114
n-Nitroso-dimethylamine	ND < 362	ND < 349	ND < 366	ND < 341
bis(2-Chloroethyl)ether	ND < 362	ND < 349	ND < 366	ND < 341
Phenol	ND < 362	ND < 349	ND < 366	ND < 341
Aniline	ND < 362	ND < 349	ND < 366	ND < 341
2-Chlorophenol	ND < 362	ND < 349	ND < 366	ND < 341
1,3-Dichlorobenzene	ND < 362	ND < 349	ND < 366	ND < 341
1,4-Dichlorobenzene	ND < 362	ND < 349	ND < 366	ND < 341
Benzyl Alcohol	ND < 362	ND < 349	ND < 366	ND < 341
1,2-Dichlorobenzene	ND < 362	ND < 349	ND < 366	ND < 341
bis(2-chloroisopropyl)ether	ND < 362	ND < 349	ND < 366	ND < 341

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 37 4ft	Conf 38 4ft	Conf 39 5.5ft	Conf 40 6ft
Hexachloroethane	ND < 362	ND < 349	ND < 366	ND < 341
N-Nitroso-di-n-propylamine	ND < 362	ND < 349	ND < 366	ND < 341
2-Methyl Phenol	ND < 362	ND < 349	ND < 366	ND < 341
3+4 Methyl Phenol	ND < 362	ND < 349	ND < 366	ND < 341
Nitrobenzene	ND < 362	ND < 349	ND < 366	ND < 341
Isophorone	ND < 362	ND < 349	ND < 366	ND < 341
2-Nitrophenol	ND < 362	ND < 349	ND < 366	ND < 341
2,4-Dimethylphenol	ND < 362	ND < 349	ND < 366	ND < 341
bis(2-Chloroethoxy)methane	ND < 362	ND < 349	ND < 366	ND < 341
Benzoic Acid	ND < 362	ND < 349	ND < 366	ND < 341
2,4-Dichlorophenol	ND < 362	ND < 349	ND < 366	ND < 341
1,2,4-Trichlorobenzene	ND < 362	ND < 349	ND < 366	ND < 341
Naphthalene	ND < 362	ND < 349	ND < 366	ND < 341
2,6-Dichlorophenol	ND < 362	ND < 349	ND < 366	ND < 341
4-Chloroaniline	ND < 362	ND < 349	ND < 366	ND < 341
Hexachlorobutadiene	ND < 362	ND < 349	ND < 366	ND < 341
4-Chloro-3-methylphenol	ND < 362	ND < 349	ND < 366	ND < 341
2-Methyl Naphthalene	ND < 362	ND < 349	ND < 366	ND < 341
Hexachlorocyclopentadiene	ND < 362	ND < 349	ND < 366	ND < 341
2,4,6-Trichlorophenol	ND < 362	ND < 349	ND < 366	ND < 341
2,4,5-Trichlorophenol	ND < 362	ND < 349	ND < 366	ND < 341
2-Chloronaphthalene	ND < 362	ND < 349	ND < 366	ND < 341
2-Nitroaniline	ND < 362	ND < 349	ND < 366	ND < 341
Acenaphthylene	ND < 362	ND < 349	ND < 366	ND < 341
Dimethylphthalate	ND < 362	ND < 349	ND < 366	ND < 341
2,6-Dinitrotoluene	ND < 362	ND < 349	ND < 366	ND < 341
4-Nitroaniline	ND < 362	ND < 349	ND < 366	ND < 341
Acenaphthene	ND < 362	ND < 349	ND < 366	ND < 341
2,4-Dinitrophenol	ND < 362	ND < 349	ND < 366	ND < 341
2,4-Dinitrotoluene	ND < 362	ND < 349	ND < 366	ND < 341
4-Nitrophenol	ND < 362	ND < 349	ND < 366	ND < 341
Dibenzofuran	ND < 362	ND < 349	ND < 366	ND < 341
2,3,4,6-Tetrachlorophenol	ND < 362	ND < 349	ND < 366	ND < 341
Fluorene	ND < 362	ND < 349	ND < 366	ND < 341
4-Chlorophenyl-phenylether	ND < 362	ND < 349	ND < 366	ND < 341
Diethylphthalate	ND < 362	ND < 349	ND < 366	ND < 341
3-Nitroaniline	ND < 362	ND < 349	ND < 366	ND < 341
4,6-Dinitro-2-methylphenol	ND < 362	ND < 349	ND < 366	ND < 341
n-Nitrosodiphenylamine	ND < 362	ND < 349	ND < 366	ND < 341
Azobenzene	ND < 362	ND < 349	ND < 366	ND < 341
4-Bromophenyl-phenylether	ND < 362	ND < 349	ND < 366	ND < 341
Hexachlorobenzene	ND < 362	ND < 349	ND < 366	ND < 341
Pentachlorophenol	ND < 362	ND < 349	ND < 366	ND < 341
Phenanthrene	ND < 362	ND < 349	ND < 366	ND < 341
Anthracene	ND < 362	ND < 349	ND < 366	ND < 341
Carbazole	ND < 362	ND < 349	ND < 366	ND < 341
Di-n-butylphthalate	ND < 362	ND < 349	ND < 366	ND < 341
Fluoranthene	ND < 362	ND < 349	ND < 366	ND < 341
Pyrene	ND < 362	ND < 349	ND < 366	ND < 341
Butylbenzylphthalate	ND < 362	ND < 349	ND < 366	ND < 341
3,3-Dichlorobenzidine	ND < 362	ND < 349	ND < 366	ND < 341
Benzo[a]anthracene	ND < 362	ND < 349	ND < 366	ND < 341
Chrysene	ND < 362	ND < 349	ND < 366	ND < 341

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 37 4ft	Conf 38 4ft	Conf 39 5.5ft	Conf 40 6ft
bis(2-Ethylhexyl)phthalate	ND < 362	ND < 349	ND < 366	ND < 341
Di-n-octylphthalate	ND < 362	ND < 349	ND < 366	ND < 341
Benzo[b]fluoranthene	ND < 362	ND < 349	ND < 366	ND < 341
Benzo[k]fluoranthene	ND < 362	ND < 349	ND < 366	ND < 341
Benzo[a]pyrene	ND < 362	ND < 349	ND < 366	ND < 341
Indeno[1,2,3-cd]pyrene	ND < 362	ND < 349	ND < 366	ND < 341
Dibenz[a,h]anthracene	ND < 362	ND < 349	ND < 366	ND < 341
Benzo[g,h,i]perylene	ND < 362	ND < 349	ND < 366	ND < 341
2-Fluorophenol (Surr) 30-130	83.7	70.1	80.9	87.7
Phenol-d5 (Surr) 30-130	91.4	81.6	90	95.7
Nitrobenzene-d5(Surr) 30-130	73.3	64.8	70.4	75.7
2-Fluorobiphenyl (Surr) 30-130	72.6	65.1	70.5	77.2
2,4,6-Tribromophenol (Surr) 30-130	69.5	64.1	65.8	72.9
Terphenyl-d14 (Surr) 30-130	87.7	85.1	86	84.4

Conn. Extractable TPH Dup [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf 37 4ft
CET ID	AE68811
Date Analyzed	5/4/2011
Dilution	1.0
ETPH	ND < 61
Octacosane (surr)	144

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf 37 4ft	Conf 38 4ft	Conf 39 5.5ft	Conf 40 6ft
CET ID	AE68811	AE68812	AE68813	AE68814
Date Analyzed	5/4/2011	5/4/2011	5/4/2011	5/4/2011
Dilution	1.0	1.0	1.0	1.0
ETPH	ND < 61	ND < 59	ND < 61	1600*
Octacosane (surr) 50-150	135	143	151	130

*C_{18} – C_{36} Motor Oil range

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Project#: 3101-4.1
CET#: 11050046
Project: Parcel C, Naugatuck

CET # 11050046

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

CHAIN OF CUSTODY RECORD

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 2-3 Days *, Std (5-7 Days)

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
Conf 37 @ 4'	4/29/11 1142	S			3							X	X							X		X				1	
Conf 38 @ 4'	1147																									1	
Conf 39 @ 5.5'	1155																									1	
Conf 40 @ 6.0'	1200																									1	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)												C	C							C		C				4	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)												G	G							G		G					

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	5-2-11 1100	[signature]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	5-2-11 1600	[signature]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Also send Results to Chris Eggers at CEggers@geodesign.net

Client / Reporting Information

Company Name: Geo Design
Address: 984 South Ford Road
City: Middlebury State: CT Zip: 06762
Report To: Tim Carr E-mail: Tim@geodesign.net
Phone #: 203-758-8836 x106 Fax #: 203 758 8842

Project Information

Project Contact: Tim Carr PO #: 3101-4.1
Project: Parcel C Project #: 3101-4.1
Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 3.4 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE68811-AE68814 ***Sampling Date(s):*** 4/29/2011

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 11050046

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 5/6/11

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C, Naugatuck
CET#: 11050046

Blank/LCS Report

QA Type: Conn. Extractable TPH Date Analyzed: 5/4/2011 Batch ID: 72805

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	115	60-120

All associated samples: AE68811 AE68812 AE68813 AE68814

QA Type: SPLP Metals Date Analyzed: 5/5/2011 Batch ID: 72815

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	98	80-120

All associated samples: AE68811 AE68812 AE68813 AE68814

QA Type: Total Metals Date Analyzed: 5/5/2011 Batch ID: 72830

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	99	80-120

All associated samples: AE68811 AE68812 AE68813 AE68814

QA Type: Semi-Volatile Organics Date Analyzed: 5/5/2011 Batch ID: 72836

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	62	30-130
n-Nitroso-dimethylamine	ND<300	81	40-140
bis(2-Chloroethyl)ether	ND<300	83	40-140
Phenol	ND<300	97	30-130
Aniline	ND<300	83	30-130
2-Chlorophenol	ND<300	85	30-130
1,3-Dichlorobenzene	ND<300	69	40-140
1,4-Dichlorobenzene	ND<300	71	40-140
Benzyl Alcohol	ND<300	61	30-130
1,2-Dichlorobenzene	ND<300	73	40-140
bis(2-chloroisopropyl)ether	ND<300	96	40-140
Hexachloroethane	ND<300	74	40-140
N-Nitroso-di-n-propylamine	ND<300	95	40-140
2-Methyl Phenol	ND<300	85	30-130
3+4 Methyl Phenol	ND<300	89	30-130
Nitrobenzene	ND<300	84	40-140
Isophorone	ND<300	83	40-140

Project: Parcel C, Naugatuck
Cet#: 11050046

QA Type: Semi-Volatile Organics Date Analyzed: 5/5/2011 Batch ID: 72836

Analyte	Blank	LCS%Rec	LCS CL
2-Nitrophenol	ND<300	79	30-130
2,4-Dimethylphenol	ND<300	63	30-130
bis(2-Chloroethoxy)methane	ND<300	83	40-140
2,4-Dichlorophenol	ND<300	75	30-130
1,2,4-Trichlorobenzene	ND<300	72	40-140
Naphthalene	ND<300	75	40-140
4-Chloroaniline	ND<300	77	30-130
Hexachlorobutadiene	ND<300	67	40-140
4-Chloro-3-methylphenol	ND<300	91	30-130
2-Methyl Naphthalene	ND<300	81	40-140
Hexachlorocyclopentadiene	ND<300	49	40-140
2,4,6-Trichlorophenol	ND<300	66	30-130
2,4,5-Trichlorophenol	ND<300	79	30-130
2-Chloronaphthalene	ND<300	74	30-130
2-Nitroaniline	ND<300	87	30-130
Acenaphthylene	ND<300	73	40-140
Dimethylphthalate	ND<300	78	40-140
2,6-Dinitrotoluene	ND<300	78	40-140
4-Nitroaniline	ND<300	129	30-130
Acenaphthene	ND<300	79	40-140
2,4-Dinitrophenol	ND<300	84	30-130
2,4-Dinitrotoluene	ND<300	81	40-140
4-Nitrophenol	ND<300	89	30-130
Dibenzofuran	ND<300	81	40-140
Fluorene	ND<300	78	40-140
4-Chlorophenyl-phenylether	ND<300	79	40-140
Diethylphthalate	ND<300	82	40-140
3-Nitroaniline	ND<300	101	30-130
4,6-Dinitro-2-methylphenol	ND<300	91	30-130
n-Nitrosodiphenylamine	ND<300	96	40-140
Azobenzene	ND<300	95	40-140
4-Bromophenyl-phenylether	ND<300	81	40-140
Hexachlorobenzene	ND<300	80	40-140
Pentachlorophenol	ND<300	69	30-130
Phenanthrene	ND<300	84	40-140
Anthracene	ND<300	86	40-140
Di-n-butylphthalate	ND<300	91	40-140
Fluoranthene	ND<300	85	40-140
Pyrene	ND<300	83	40-140
Butylbenzylphthalate	ND<300	91	40-140
Benzo[a]anthracene	ND<300	87	40-140
Chrysene	ND<300	89	40-140
bis(2-Ethylhexyl)phthalate	ND<300	93	40-140
Di-n-octylphthalate	ND<300	93	40-140
Benzo[b]fluoranthene	ND<300	82	40-140
Benzo[k]fluoranthene	ND<300	94	40-140
Benzo[a]pyrene	ND<300	88	40-140
Indeno[1,2,3-cd]pyrene	ND<300	85	40-140
Dibenz[a,h]anthracene	ND<300	87	40-140
Benzo[g,h,i]perylene	ND<300	83	40-140

All associated samples: AE68811 AE68812 AE68813 AE68814

Project: Parcel C, Naugatuck
Cet#: 11050046

Matrix Spike Report

QA Type: Conn. Extractable TPH Date Analyzed: 5/5/2011 Sample ID: AE68811 Client ID: Conf 37 4ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	ND<61	1810	116	119	50-150	2.55	30

QA Type: SPLP Metals Date Analyzed: 5/5/2011 Sample ID: AE68811 Client ID: Conf 37 4ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.2	90	92	75-125	2.19	20

QA Type: Total Metals Date Analyzed: 5/5/2011 Sample ID: AE68814 Client ID: Conf 40 6ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	48	28.4	190 H	115	75-125	49.00 H	35

ND is not detected

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
bis(2-chloroisopropyl)ether	72836	66 H	35-65	5/5/2011
Hexachlorocyclopentadiene	72836	33 L	35-65	5/5/2011

All associated samples: AE68811 AE68812 AE68813 AE68814

QC Batch Report

Conn. Extractable TPH Batch 72805

CET ID	Client Sample ID	Matrix	Collection Date
AE68811	Conf 37 4ft	Soil	4/29/2011
AE68812	Conf 38 4ft	Soil	4/29/2011
AE68813	Conf 39 5.5ft	Soil	4/29/2011
AE68814	Conf 40 6ft	Soil	4/29/2011

SPLP Metals Batch 72815

CET ID	Client Sample ID	Matrix	Collection Date
AE68811	Conf 37 4ft	Soil	4/29/2011
AE68812	Conf 38 4ft	Soil	4/29/2011
AE68813	Conf 39 5.5ft	Soil	4/29/2011
AE68814	Conf 40 6ft	Soil	4/29/2011

Total Metals Batch 72830

CET ID	Client Sample ID	Matrix	Collection Date
AE68811	Conf 37 4ft	Soil	4/29/2011
AE68812	Conf 38 4ft	Soil	4/29/2011
AE68813	Conf 39 5.5ft	Soil	4/29/2011
AE68814	Conf 40 6ft	Soil	4/29/2011

Semi-Volatile Organics Batch 72836

CET ID	Client Sample ID	Matrix	Collection Date
AE68811	Conf 37 4ft	Soil	4/29/2011
AE68812	Conf 38 4ft	Soil	4/29/2011
AE68813	Conf 39 5.5ft	Soil	4/29/2011
AE68814	Conf 40 6ft	Soil	4/29/2011

Narrative

4. Total Lead matrix spike recovery high (190%) for sample AE68814.
   Total Lead matrix spike RPD high (49.00%) for sample AE68814.
   bis(2-chloroisopropyl)ether CC high for batch 72836.
   Hexachlorocyclopentadiene CC low for batch 72836.

6. The client has requested a subset of the RCP Metals list.

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
LCS CL	Control limits for Laboratory Control Sample.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
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e-mail: cet1@cetlabs.com

Client: Mr. Tim Carr
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

CET # 11040615

Report Date: May 4, 2011
Client Project: Parcel C, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE68297	TMW-2A	Water	4/25/2011	9:42	04/26/2011
AE68298	TMW-3A	Water	4/25/2011	8:56	04/26/2011
AE68299	TMW-1B	Water	4/25/2011	10:35	04/26/2011
AE68300	TMW-2B	Water	4/25/2011	12:30	04/26/2011
AE68301	TMW-22B	Water	4/25/2011	12:30	04/26/2011
AE68302	GD-5	Water	4/25/2011	11:42	04/26/2011
AE68303	Trip Blank	Water	4/25/2011		04/26/2011

Sample temperature upon receipt was 3.7 degrees C

PREP ANALYSIS:

Lab Filtration for Diss. Metals [0.45u]

Client ID	TMW-2A	TMW-3A	TMW-1B	TMW-2B	TMW-22B
CET ID	AE68297	AE68298	AE68299	AE68300	AE68301
Date Analyzed	5/3/2011	5/3/2011	5/3/2011	5/3/2011	5/3/2011

Lab Filtration for Diss. Metals [0.45u]

Client ID	GD-5
CET ID	AE68302
Date Analyzed	5/3/2011

ANALYSIS:

Nitrate as N Dup Res [EPA 300.0] Units: mg/l

Client ID	TMW-2A
CET ID	AE68297
Date Analyzed	4/26/2011-19:15
Nitrate as N Dup Res	10

Chemical Oxygen Demand Dup [EPA 410.4] Units: mg/l

Client ID	TMW-2B
CET ID	AE68300
Date Analyzed	4/29/2011
Chemical Oxygen Demand Dup	30

Nitrate as N [EPA 300.0] Units: mg/l

Client ID	TMW-2A	TMW-3A	TMW-1B	TMW-2B	TMW-22B
CET ID	AE68297	AE68298	AE68299	AE68300	AE68301
Date Analyzed	4/26/2011-19:15	4/26/2011-20:15	4/26/2011-20:30	4/26/2011-20:45	4/26/2011-21:00
Nitrate as N	10	9.5	1.9	0.34	0.27

Nitrate as N [EPA 300.0] Units: mg/l

Client ID	GD-5
CET ID	AE68302
Date Analyzed	4/26/2011-21:15
Nitrate as N	ND < 0.10

Chemical Oxygen Demand [EPA 410.4] Units: mg/l

Client ID	TMW-2A	TMW-3A	TMW-1B	TMW-2B	TMW-22B
CET ID	AE68297	AE68298	AE68299	AE68300	AE68301
Date Analyzed	4/29/2011	4/29/2011	4/29/2011	4/29/2011	4/29/2011
Chemical Oxygen Demand	80	76	130	30	30

Chemical Oxygen Demand [EPA 410.4] Units: mg/l

Client ID	GD-5
CET ID	AE68302
Date Analyzed	4/29/2011
Chemical Oxygen Demand	36

Dissolved Metals [EPA 200.7] Units: mg/l

Client ID	TMW-2A	TMW-3A	TMW-1B	TMW-2B	TMW-22B
CET ID	AE68297	AE68298	AE68299	AE68300	AE68301
Date Analyzed	5/3/2011	5/3/2011	5/3/2011	5/3/2011	5/3/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Manganese	0.069	0.035	ND < 0.02	0.35	0.36
Iron	ND < 0.10	ND < 0.10	ND < 0.10	ND < 0.10	ND < 0.10

Dissolved Metals [EPA 200.7] Units: mg/l

Client ID	GD-5
CET ID	AE68302
Date Analyzed	5/3/2011
Dilution	1.0
Manganese	2.3
Iron	ND < 0.10

Volatile Organics [EPA 8260C] Units: ug/l

Client ID	TMW-2A	TMW-3A	TMW-1B	TMW-2B	TMW-22B
CET ID	AE68297	AE68298	AE68299	AE68300	AE68301
Date Analyzed	4/29/2011	4/29/2011	4/29/2011	4/29/2011	4/30/2011
Dilution	1.0	1.0	1.0	1.0	1.0
Dichlorodifluoromethane	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chloromethane	ND < 2.7	ND < 2.7	ND < 2.7	ND < 2.7	ND < 2.7
Vinyl Chloride	ND < 1.6	ND < 1.6	ND < 1.6	ND < 1.6	ND < 1.6
Bromomethane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0
Chloroethane	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0
Acetone	ND < 50	ND < 50	ND < 50	ND < 50	ND < 50
Acrylonitrile	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50
Trichlorofluoromethane	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25
Trichlorotrifluoroethane	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25
1,1-Dichloroethene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Methylene Chloride	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0
Carbon Disulfide	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0
Methyl-t-Butyl Ether (MTBE)	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0
trans-1,2-Dichloroethene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,1-Dichloroethane	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
2-Butanone (MEK)	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25
2,2-Dichloropropane	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
cis-1,2-Dichloroethene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Chloroform	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Tetrahydrofuran	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0	ND < 5.0
1,1,1-Trichloroethane	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Carbon Tetrachloride	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,1-Dichloropropene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Benzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,2-Dichloroethane	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Methyl Isobutyl Ketone	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25
Trichloroethene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,2-Dichloropropane	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Dibromomethane	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Bromodichloromethane	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50
2-Hexanone	ND < 25	ND < 25	ND < 25	ND < 25	ND < 25
cis-1,3-Dichloropropene	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50
Toluene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
trans-1,3-Dichloropropene	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50
1,1,2-Trichloroethane	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Tetrachloroethene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,3-Dichloropropane	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50
Dibromochloromethane	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50
1,2-Dibromoethane	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50
trans-1,4-Dichloro-2-Butene	ND < 10	ND < 10	ND < 10	ND < 10	ND < 10
Chlorobenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,1,1,2-Tetrachloroethane	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Ethylbenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
m+p Xylenes	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
o-Xylene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Styrene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Bromoform	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Isopropylbenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,1,2,2-Tetrachloroethane	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50	ND < 0.50
Bromobenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0

Volatile Organics [EPA 8260C] Units: ug/l

Client ID	TMW-2A	TMW-3A	TMW-1B	TMW-2B	TMW-22B
1,2,3-Trichloropropane	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
n-Propylbenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
2-Chlorotoluene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
4-Chlorotoluene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,3,5-Trimethylbenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
tert-Butylbenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,2,4-Trimethylbenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
sec-Butylbenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,3-Dichlorobenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
4-Isopropyltoluene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,4-Dichlorobenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,2-Dichlorobenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
n-Butylbenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,2-Dibromo-3-Chloropropane	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,2,4-Trichlorobenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
Hexachlorobutadiene	ND < 0.45	ND < 0.45	ND < 0.45	ND < 0.45	ND < 0.45
Naphthalene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,2,3-Trichlorobenzene	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0	ND < 1.0
1,2 Dichloroethane-d4 (SURR) 70-130	92.1	89.9	91.1	90.6	90.7
toluene-d8 (SURR) 70-130	95	94.3	95.6	95.7	93.8
4-bromofluorobenzene (SURR) 70-130	108	109	108	107	106

Volatile Organics [EPA 8260C] Units: ug/l

Client ID	GD-5	Trip Blank
CET ID	AE68302	AE68303
Date Analyzed	4/30/2011	4/30/2011
Dilution	1.0	1.0
Dichlorodifluoromethane	ND < 10	ND < 10
Chloromethane	ND < 2.7	ND < 2.7
Vinyl Chloride	ND < 1.6	ND < 1.6
Bromomethane	ND < 5.0	ND < 5.0
Chloroethane	ND < 5.0	ND < 5.0
Acetone	ND < 50	ND < 50
Acrylonitrile	ND < 0.50	ND < 0.50
Trichlorofluoromethane	ND < 25	ND < 25
Trichlorotrifluoroethane	ND < 25	ND < 25
1,1-Dichloroethene	ND < 1.0	ND < 1.0
Methylene Chloride	ND < 5.0	ND < 5.0
Carbon Disulfide	ND < 5.0	ND < 5.0
Methyl-t-Butyl Ether (MTBE)	ND < 5.0	ND < 5.0
trans-1,2-Dichloroethene	ND < 1.0	ND < 1.0
1,1-Dichloroethane	ND < 1.0	ND < 1.0
2-Butanone (MEK)	ND < 25	ND < 25
2,2-Dichloropropane	ND < 1.0	ND < 1.0
cis-1,2-Dichloroethene	2.3	ND < 1.0
Chloroform	ND < 1.0	ND < 1.0
Tetrahydrofuran	ND < 5.0	ND < 5.0
1,1,1-Trichloroethane	ND < 1.0	ND < 1.0
Carbon Tetrachloride	ND < 1.0	ND < 1.0
1,1-Dichloropropene	ND < 1.0	ND < 1.0

Volatile Organics [EPA 8260C] Units: ug/l

Client ID	GD-5	Trip Blank
Benzene	ND < 1.0	ND < 1.0
1,2-Dichloroethane	ND < 1.0	ND < 1.0
Methyl Isobutyl Ketone	ND < 25	ND < 25
Trichloroethene	ND < 1.0	ND < 1.0
1,2-Dichloropropane	ND < 1.0	ND < 1.0
Dibromomethane	ND < 1.0	ND < 1.0
Bromodichloromethane	ND < 0.50	ND < 0.50
2-Hexanone	ND < 25	ND < 25
cis-1,3-Dichloropropene	ND < 0.50	ND < 0.50
Toluene	ND < 1.0	ND < 1.0
trans-1,3-Dichloropropene	ND < 0.50	ND < 0.50
1,1,2-Trichloroethane	ND < 1.0	ND < 1.0
Tetrachloroethene	ND < 1.0	ND < 1.0
1,3-Dichloropropane	ND < 0.50	ND < 0.50
Dibromochloromethane	ND < 0.50	ND < 0.50
1,2-Dibromoethane	ND < 0.50	ND < 0.50
trans-1,4-Dichloro-2-Butene	ND < 10	ND < 10
Chlorobenzene	ND < 1.0	ND < 1.0
1,1,1,2-Tetrachloroethane	ND < 1.0	ND < 1.0
Ethylbenzene	ND < 1.0	ND < 1.0
m+p Xylenes	ND < 1.0	ND < 1.0
o-Xylene	ND < 1.0	ND < 1.0
Styrene	ND < 1.0	ND < 1.0
Bromoform	ND < 1.0	ND < 1.0
Isopropylbenzene	ND < 1.0	ND < 1.0
1,1,2,2-Tetrachloroethane	ND < 0.50	ND < 0.50
Bromobenzene	ND < 1.0	ND < 1.0
1,2,3-Trichloropropane	ND < 1.0	ND < 1.0
n-Propylbenzene	ND < 1.0	ND < 1.0
2-Chlorotoluene	ND < 1.0	ND < 1.0
4-Chlorotoluene	ND < 1.0	ND < 1.0
1,3,5-Trimethylbenzene	ND < 1.0	ND < 1.0
tert-Butylbenzene	ND < 1.0	ND < 1.0
1,2,4-Trimethylbenzene	ND < 1.0	ND < 1.0
sec-Butylbenzene	ND < 1.0	ND < 1.0
1,3-Dichlorobenzene	ND < 1.0	ND < 1.0
4-Isopropyltoluene	ND < 1.0	ND < 1.0
1,4-Dichlorobenzene	ND < 1.0	ND < 1.0
1,2-Dichlorobenzene	ND < 1.0	ND < 1.0
n-Butylbenzene	ND < 1.0	ND < 1.0
1,2-Dibromo-3-Chloropropane	ND < 1.0	ND < 1.0
1,2,4-Trichlorobenzene	ND < 1.0	ND < 1.0
Hexachlorobutadiene	ND < 0.45	ND < 0.45
Naphthalene	ND < 1.0	ND < 1.0
1,2,3-Trichlorobenzene	ND < 1.0	ND < 1.0
1,2 Dichloroethane-d4 (SURR) 70-130	91.5	91.9
toluene-d8 (SURR) 70-130	93.2	93.6
4-bromofluorobenzene (SURR) 70-130	108	108

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Project#: 3101-4.1
CET#: 11040615
Project: Parcel C, Naugatuck

CET #: 1104065

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

CHAIN OF CUSTODY RECORD

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
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Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 2-3 Days *, Std (5-7 Days)

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides, Herbicides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: Diss. IRON, Diss. Manganese, C.O.D., Nitrates

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Diss. IRON	Diss. Manganese	C.O.D.	Nitrates	TOTAL # OF CONT.	NOTE #
TMW-2A	4/25/11 942	GW				X	X																	X	X	X	X	X	5	
TMW-3A	856					X	X																	X	X	X	X	X	5	
TMW-1B	1035					X	X																	X	X	X	X	X	5	
TMW-2B	1230					X	X																	X	X	X	X	X	5	
TMW-22B	1230					X	X																	X	X	X	X	X	5	
GD-5	1142					X	X																	X	X	X	X	X	5	
Trip Blank	—	—				X	X																						2	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

TOTAL # OF CONT.: 32

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Gerald Muhl	4/25/11	Chris Egger
Chris Egger	4/25/2011 10AM	[illegible]
[illegible]	4/26/11 1630	[illegible]

NOTES: Copy Results to Chris Egger at CEggers@geodesign.NET

Client / Reporting Information

Company Name: GeoDesign, Inc
Address: 984 Southford Road
City: Middlebury State: CT Zip: 06762
Report To: Tim Carr E-mail: Tim@geodesign.net
Phone #: 203-758-8836 x106 Fax #: 203-758-8842

Project Information

Project Contact: Tim Carr PO #: 3101-4.1
Project: Parcel C Project #: 3101-4.1
Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 3.7 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE68297-AE68303 ***Sampling Date(s):*** 4/25/2011

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 11040615

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 5/6/11

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C, Naugatuck
CET#: 11040615

Blank/LCS Report

QA Type: Nitrate as N Date Analyzed: 4/26/2011 Batch ID: 72664

Analyte	Blank	LCS%Rec	LCS CL
Nitrate as N	ND<0.10	102	90-110

All associated samples: AE68297 AE68298 AE68299 AE68300 AE68301 AE68302

QA Type: Chemical Oxygen Demand Date Analyzed: 4/29/2011 Batch ID: 72711

Analyte	Blank	LCS%Rec	LCS CL
Chemical Oxygen Demand	ND<5.0	103	76-110

All associated samples: AE68297 AE68298 AE68299 AE68300 AE68301 AE68302

QA Type: Volatile Organics Date Analyzed: 4/29/2011 Batch ID: 72713

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	140 H	70-130
Chloromethane	ND<2.7	100	70-130
Vinyl Chloride	ND<1.6	107	70-130
Bromomethane	ND<5.0	108	70-130
Chloroethane	ND<5.0	98	70-130
Acetone	ND<50	86	70-130
Acrylonitrile	ND<20	94	70-130
Trichlorofluoromethane	ND<25	142 H	70-130
Trichlorotrifluoroethane	ND<25	114	70-130
1,1-Dichloroethene	ND<1.0	104	70-130
Methylene Chloride	ND<5.0	97	70-130
Carbon Disulfide	ND<5.0	96	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	110	70-130
trans-1,2-Dichloroethene	ND<1.0	111	70-130
1,1-Dichloroethane	ND<1.0	106	70-130
2-Butanone (MEK)	ND<25	93	70-130
2,2-Dichloropropane	ND<1.0	126	70-130
cis-1,2-Dichloroethene	ND<1.0	114	70-130
Chloroform	ND<1.0	114	70-130
Tetrahydrofuran	ND<5.0	90	70-130
1,1,1-Trichloroethane	ND<1.0	129	70-130
Carbon Tetrachloride	ND<1.0	142 H	70-130

Project: Parcel C, Naugatuck
Cet#: 11040615

QA Type: Volatile Organics Date Analyzed: 4/29/2011 Batch ID: 72713

Analyte	Blank	LCS%Rec	LCS CL
1,1-Dichloropropene	ND<1.0	121	70-130
Benzene	ND<1.0	103	70-130
1,2-Dichloroethane	ND<1.0	135 H	70-130
Methyl Isobutyl Ketone	ND<25	114	70-130
Trichloroethene	ND<1.0	112	70-130
1,2-Dichloropropane	ND<1.0	107	70-130
Dibromomethane	ND<1.0	115	70-130
Bromodichloromethane	ND<0.5	128	70-130
2-Hexanone	ND<25	118	70-130
cis-1,3-Dichloropropene	ND<0.5	116	70-130
Toluene	ND<1.0	111	70-130
trans-1,3-Dichloropropene	ND<0.5	125	70-130
1,1,2-Trichloroethane	ND<1.0	112	70-130
Tetrachloroethene	ND<1.0	122	70-130
1,3-Dichloropropane	ND<1.0	110	70-130
Dibromochloromethane	ND<0.5	98	70-130
1,2-Dibromoethane	ND<0.5	90	70-130
Chlorobenzene	ND<1.0	94	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	104	70-130
Ethylbenzene	ND<1.0	94	70-130
m+p Xylenes	ND<1.0	94	70-130
o-Xylene	ND<1.0	102	70-130
Styrene	ND<1.0	96	70-130
Bromoform	ND<1.0	103	70-130
Isopropylbenzene	ND<1.0	104	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	91	70-130
Bromobenzene	ND<1.0	110	70-130
1,2,3-Trichloropropane	ND<1.0	101	70-130
n-Propylbenzene	ND<1.0	109	70-130
2-Chlorotoluene	ND<1.0	108	70-130
4-Chlorotoluene	ND<1.0	116	70-130
1,3,5-Trimethylbenzene	ND<1.0	115	70-130
tert-Butylbenzene	ND<1.0	113	70-130
1,2,4-Trimethylbenzene	ND<1.0	114	70-130
sec-Butylbenzene	ND<1.0	111	70-130
1,3-Dichlorobenzene	ND<1.0	108	70-130
4-Isopropyltoluene	ND<1.0	116	70-130
1,4-Dichlorobenzene	ND<1.0	108	70-130
1,2-Dichlorobenzene	ND<1.0	108	70-130
n-Butylbenzene	ND<1.0	113	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	98	70-130
1,2,4-Trichlorobenzene	ND<1.0	112	70-130
Hexachlorobutadiene	ND<0.45	118	70-130
Naphthalene	ND<1.0	106	70-130
1,2,3-Trichlorobenzene	ND<1.0	110	70-130

All associated samples: AE68297 AE68298 AE68299 AE68300

Project: Parcel C, Naugatuck
Cet#: 11040615

QA Type: Volatile Organics Date Analyzed: 4/29/2011 Batch ID: 72745

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	96	70-130
Chloromethane	ND<2.7	79	70-130
Vinyl Chloride	ND<1.6	92	70-130
Bromomethane	ND<5.0	97	70-130
Chloroethane	ND<5.0	90	70-130
Acetone	ND<50	72	70-130
Acrylonitrile	ND<20	76	70-130
Trichlorofluoromethane	ND<25	126	70-130
Trichlorotrifluoroethane	ND<25	94	70-130
1,1-Dichloroethene	ND<1.0	83	70-130
Methylene Chloride	ND<5.0	83	70-130
Carbon Disulfide	ND<5.0	76	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	91	70-130
trans-1,2-Dichloroethene	ND<1.0	91	70-130
1,1-Dichloroethane	ND<1.0	89	70-130
2-Butanone (MEK)	ND<25	70	70-130
2,2-Dichloropropane	ND<1.0	76	70-130
cis-1,2-Dichloroethene	ND<1.0	93	70-130
Chloroform	ND<1.0	95	70-130
Tetrahydrofuran	ND<5.0	77	70-130
1,1,1-Trichloroethane	ND<1.0	113	70-130
Carbon Tetrachloride	ND<1.0	127	70-130
1,1-Dichloropropene	ND<1.0	104	70-130
Benzene	ND<1.0	88	70-130
1,2-Dichloroethane	ND<1.0	120	70-130
Methyl Isobutyl Ketone	ND<25	98	70-130
Trichloroethene	ND<1.0	113	70-130
1,2-Dichloropropane	ND<1.0	92	70-130
Dibromomethane	ND<1.0	102	70-130
Bromodichloromethane	ND<0.5	112	70-130
2-Hexanone	ND<25	98	70-130
cis-1,3-Dichloropropene	ND<0.5	95	70-130
Toluene	ND<1.0	95	70-130
trans-1,3-Dichloropropene	ND<0.5	103	70-130
1,1,2-Trichloroethane	ND<1.0	96	70-130
Tetrachloroethene	ND<1.0	106	70-130
1,3-Dichloropropane	ND<1.0	96	70-130
Dibromochloromethane	ND<0.5	104	70-130
1,2-Dibromoethane	ND<0.5	93	70-130
Chlorobenzene	ND<1.0	97	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	109	70-130
Ethylbenzene	ND<1.0	97	70-130
m+p Xylenes	ND<1.0	98	70-130
o-Xylene	ND<1.0	108	70-130
Styrene	ND<1.0	100	70-130
Bromoform	ND<1.0	109	70-130
Isopropylbenzene	ND<1.0	110	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	76	70-130
Bromobenzene	ND<1.0	126	70-130
1,2,3-Trichloropropane	ND<1.0	115	70-130
n-Propylbenzene	ND<1.0	123	70-130
2-Chlorotoluene	ND<1.0	84	70-130
4-Chlorotoluene	ND<1.0	119	70-130
1,3,5-Trimethylbenzene	ND<1.0	131 H	70-130

Project: Parcel C, Naugatuck
Cet#: 11040615

QA Type: Volatile Organics Date Analyzed: 4/29/2011 Batch ID: 72745

Analyte	Blank	LCS%Rec	LCS CL
tert-Butylbenzene	ND<1.0	130	70-130
1,2,4-Trimethylbenzene	ND<1.0	131 H	70-130
sec-Butylbenzene	ND<1.0	125	70-130
1,3-Dichlorobenzene	ND<1.0	124	70-130
4-Isopropyltoluene	ND<1.0	132 H	70-130
1,4-Dichlorobenzene	ND<1.0	122	70-130
1,2-Dichlorobenzene	ND<1.0	123	70-130
n-Butylbenzene	ND<1.0	124	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	114	70-130
1,2,4-Trichlorobenzene	ND<1.0	127	70-130
Hexachlorobutadiene	ND<0.45	132 H	70-130
Naphthalene	ND<1.0	120	70-130
1,2,3-Trichlorobenzene	ND<1.0	127	70-130

All associated samples: AE68301 AE68302 AE68303

QA Type: Dissolved Metals Date Analyzed: 5/3/2011 Batch ID: 72780

Analyte	Blank	LCS%Rec	LCS CL
Manganese	ND<0.02	100	80-120
Iron	ND<0.1	102	80-120

All associated samples: AE68297 AE68298 AE68299 AE68300 AE68301 AE68302

QA Type: Dissolved Metals Date Analyzed: 5/3/2011 Batch ID: 72781

Analyte	Blank	LCS%Rec	LCS CL
Manganese	ND<0.02	100	80-120
Iron	ND<0.1	102	80-120

All associated samples: AE68297 AE68298 AE68299 AE68300 AE68301 AE68302

Project: Parcel C, Naugatuck
Cet#: 11040615

Matrix Spike Report

QA Type: Nitrate as N Date Analyzed: 4/26/2011 Sample ID: AE68297 Client ID: TMW-2A

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Nitrate as N	10	5.0	100	100	89-118	0.00	20

QA Type: Chemical Oxygen Demand Date Analyzed: 4/29/2011 Sample ID: AE68300 Client ID: TMW-2B

Analyte	SampRes	Amt	MS%R	MS CL
Chemical Oxygen Demand	30	500	108	33-169

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration VOC			
Chloromethane	72713	21 H	20
Methylene Chloride	72713	23 H	20
cis-1,2-Dichloroethene	72713	22 H	20
All associated samples: AE68297 AE68298 AE68299 AE68300			
Initial Calibration VOC			
Chloromethane	72745	21 H	20
Methylene Chloride	72745	23 H	20
cis-1,2-Dichloroethene	72745	22 H	20
All associated samples: AE68301 AE68302 AE68303			

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Volatile Organics Cont Cal				
Dichlorodifluoromethane	72713	68 H	35-65	4/29/2011
Trichlorofluoromethane	72713	73 H	35-65	4/29/2011
Carbon Tetrachloride	72713	72 H	35-65	4/29/2011
1,2-Dichloroethane	72713	67 H	35-65	4/29/2011
All associated samples: AE68297 AE68298 AE68299 AE68300				
Volatile Organics Cont Cal				
Acetone	72745	63 L	70-130	4/30/2011
Carbon Disulfide	72745	33 L	35-65	4/30/2011
2-Butanone (MEK)	72745	63 L	70-130	4/30/2011
2,2-Dichloropropane	72745	33 L	35-65	4/30/2011
1,1,2,2-Tetrachloroethane	72745	34 L	35-65	4/30/2011
All associated samples: AE68301 AE68302 AE68303				

QC Batch Report

Nitrate as N Batch 72664

CET ID	Client Sample ID	Matrix	Collection Date
AE68297	TMW-2A	Water	4/25/2011
AE68298	TMW-3A	Water	4/25/2011
AE68299	TMW-1B	Water	4/25/2011
AE68300	TMW-2B	Water	4/25/2011
AE68301	TMW-22B	Water	4/25/2011
AE68302	GD-5	Water	4/25/2011

Chemical Oxygen Demand Batch 72711

CET ID	Client Sample ID	Matrix	Collection Date
AE68297	TMW-2A	Water	4/25/2011
AE68298	TMW-3A	Water	4/25/2011
AE68299	TMW-1B	Water	4/25/2011
AE68300	TMW-2B	Water	4/25/2011
AE68301	TMW-22B	Water	4/25/2011
AE68302	GD-5	Water	4/25/2011

Volatile Organics Batch 72713

CET ID	Client Sample ID	Matrix	Collection Date
AE68297	TMW-2A	Water	4/25/2011
AE68298	TMW-3A	Water	4/25/2011
AE68299	TMW-1B	Water	4/25/2011
AE68300	TMW-2B	Water	4/25/2011

Volatile Organics Batch 72745

CET ID	Client Sample ID	Matrix	Collection Date
AE68301	TMW-22B	Water	4/25/2011
AE68302	GD-5	Water	4/25/2011
AE68303	Trip Blank	Water	4/25/2011

Dissolved Metals Batch 72780

CET ID	Client Sample ID	Matrix	Collection Date
AE68297	TMW-2A	Water	4/25/2011
AE68298	TMW-3A	Water	4/25/2011
AE68299	TMW-1B	Water	4/25/2011
AE68300	TMW-2B	Water	4/25/2011
AE68301	TMW-22B	Water	4/25/2011
AE68302	GD-5	Water	4/25/2011

Project: Parcel C, Naugatuck
Cet#: 11040615

Dissolved Metals Batch 72781

CET ID	Client Sample ID	Matrix	Collection Date
AE68297	TMW-2A	Water	4/25/2011
AE68298	TMW-3A	Water	4/25/2011
AE68299	TMW-1B	Water	4/25/2011
AE68300	TMW-2B	Water	4/25/2011
AE68301	TMW-22B	Water	4/25/2011
AE68302	GD-5	Water	4/25/2011

Narrative

4. Dichlorodifluoromethane LCS recovery high (140%) for batch 72713.
   Trichlorofluoromethane LCS recovery high (142%) for batch 72713.
   Carbon Tetrachloride LCS recovery high (142%) for batch 72713.
   1,2-Dichloroethane LCS recovery high (135%) for batch 72713.
   1,3,5-Trimethylbenzene LCS recovery high (131%) for batch 72745.
   1,2,4-Trimethylbenzene LCS recovery high (131%) for batch 72745.
   4-Isopropyltoluene LCS recovery high (132%) for batch 72745.
   Hexachlorobutadiene LCS recovery high (132%) for batch 72745.
   Chloromethane Initial Cal % RSD high(21%) for batch 72713.
   Methylene Chloride Initial Cal % RSD high(23%) for batch 72713.
   cis-1,2-Dichloroethene Initial Cal % RSD high(22%) for batch 72713.
   Chloromethane Initial Cal % RSD high(21%) for batch 72745.
   Methylene Chloride Initial Cal % RSD high(23%) for batch 72745.
   cis-1,2-Dichloroethene Initial Cal % RSD high(22%) for batch 72745.
   Dichlorodifluoromethane CC high for batch 72713.
   Trichlorofluoromethane CC high for batch 72713.
   Carbon Tetrachloride CC high for batch 72713.
   1,2-Dichloroethane CC high for batch 72713.
   Acetone CC low for batch 72745.
   Carbon Disulfide CC low for batch 72745.
   2-Butanone (MEK) CC low for batch 72745.
   2,2-Dichloropropane CC low for batch 72745.
   1,1,2,2-Tetrachloroethane CC low for batch 72745.

6. The client has requested a subset of the RCP Metals list.

COMPLETE ENVIRONMENTAL TESTING, INC.

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Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
LCS CL	Control limits for Laboratory Control Sample.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

COMPLETE ENVIRONMENTAL TESTING, INC.

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Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

RECEIVED
MAY 07 2010
GeoDesign, Inc.

Analytical Report

East wall 3 @ 8.5'

Conf 10 @ 9'

Detects, No exceedances from Bath

CET # 10040716

Report Date: May 3, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date
AE37997	East Wall 3 8.5ft	Soil	4/30/2010
AE37998	CONF10 9ft	Soil	4/30/2010

Sample temperature upon receipt was 6 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	East Wall 3 8.5ft	CONF10 9ft
CET ID	AE37997	AE37998
Date Analyzed	4/30/2010	4/30/2010

Accelerated Solvent Ext. SVOC [EPA 3545]

Client ID	East Wall 3 8.5ft	CONF10 9ft
CET ID	AE37997	AE37998
Date Analyzed	5/3/2010	5/3/2010

Ultrasonic Extraction-ETPH [EPA 3550B]

Client ID	East Wall 3 8.5ft	CONF10 9ft
CET ID	AE37997	AE37998
Date Analyzed	4/30/2010	4/30/2010

SPLP, Metals [EPA 1312]

Client ID	East Wall 3 8.5ft	CONF10 9ft
CET ID	AE37997	AE37998
Date Analyzed	4/30/2010	4/30/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	East Wall 3 8.5ft	CONF10 9ft
CET ID	AE37997	AE37998
Date Analyzed	5/3/2010	5/3/2010
Total Solids	92	95

Total Metals [EPA 6010] Units: mg/kg (Dry Wt)

Client ID	East Wall 3 8.5ft	CONF10 9ft
CET ID	AE37997	AE37998
Date Analyzed	4/30/2010	4/30/2010
Lead	5.4	22

SPLP Metals [EPA 6010] Units: mg/l

Client ID	East Wall 3 8.5ft	CONF10 9ft
CET ID	AE37997	AE37998
Date Analyzed	5/3/2010	5/3/2010
Lead	ND < 0.013	ND < 0.013

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	East Wall 3 8.5ft	CONF10 9ft
CET ID	AE37997	AE37998
Date Analyzed	5/3/2010	5/3/2010
Dilution	1.0	1.0
Pyridine	ND < 327	ND < 316
n-Nitroso-dimethylamine	ND < 327	ND < 316
bis(2-Chloroethyl)ether	ND < 327	ND < 316
Phenol	ND < 327	ND < 316
Aniline	ND < 327	ND < 316
2-Chlorophenol	ND < 327	ND < 316
1,3-Dichlorobenzene	ND < 327	ND < 316
1,4-Dichlorobenzene	ND < 327	ND < 316
Benzyl Alcohol	ND < 327	ND < 316
1,2-Dichlorobenzene	ND < 327	ND < 316
bis(2-chloroisopropyl)ether	ND < 327	ND < 316
Hexachloroethane	ND < 327	ND < 316
N-Nitroso-di-n-propylamine	ND < 327	ND < 316
2-Methyl Phenol	ND < 327	ND < 316
3+4 Methyl Phenol	ND < 327	ND < 316
Nitrobenzene	ND < 327	ND < 316
Isophorone	ND < 327	ND < 316
2-Nitrophenol	ND < 327	ND < 316
2,4-Dimethylphenol	ND < 327	ND < 316
bis(2-Chloroethoxy)methane	ND < 327	ND < 316
Benzoic Acid	ND < 327	ND < 316
2,4-Dichlorophenol	ND < 327	ND < 316
1,2,4-Trichlorobenzene	ND < 327	ND < 316
Naphthalene	ND < 327	ND < 316
2,6-Dichlorophenol	ND < 327	ND < 316
4-Chloroaniline	ND < 327	ND < 316
Hexachlorobutadiene	ND < 327	ND < 316
4-Chloro-3-methylphenol	ND < 327	ND < 316
2-Methyl Naphthalene	ND < 327	ND < 316
Hexachlorocyclopentadiene	ND < 327	ND < 316
2,4,6-Trichlorophenol	ND < 327	ND < 316
2,4,5-Trichlorophenol	ND < 327	ND < 316

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	East Wall 3 8.5ft	CONF10 9ft
2-Chloronaphthalene	ND < 327	ND < 316
2-Nitroaniline	ND < 327	ND < 316
Acenaphthylene	ND < 327	ND < 316
Dimethylphthalate	ND < 327	ND < 316
2,6-Dinitrotoluene	ND < 327	ND < 316
4-Nitroaniline	ND < 327	ND < 316
Acenaphthene	ND < 327	ND < 316
2,4-Dinitrophenol	ND < 327	ND < 316
2,4-Dinitrotoluene	ND < 327	ND < 316
4-Nitrophenol	ND < 327	ND < 316
Dibenzofuran	ND < 327	ND < 316
2,3,4,6-Tetrachlorophenol	ND < 327	ND < 316
Fluorene	ND < 327	ND < 316
4-Chlorophenyl-phenylether	ND < 327	ND < 316
Diethylphthalate	ND < 327	ND < 316
3-Nitroaniline	ND < 327	ND < 316
4,6-Dinitro-2-methylphenol	ND < 327	ND < 316
n-Nitrosodiphenylamine	ND < 327	ND < 316
Azobenzene	ND < 327	ND < 316
4-Bromophenyl-phenylether	ND < 327	ND < 316
Hexachlorobenzene	ND < 327	ND < 316
Pentachlorophenol	ND < 327	ND < 316
Phenanthrene	ND < 327	ND < 316
Anthracene	ND < 327	ND < 316
Carbazole	ND < 327	ND < 316
Di-n-butylphthalate	ND < 327	ND < 316
Fluoranthene	ND < 327	ND < 316
Pyrene	ND < 327	ND < 316
Butylbenzylphthalate	ND < 327	ND < 316
3,3-Dichlorobenzidine	ND < 327	ND < 316
Benzo[a]anthracene	ND < 327	ND < 316
Chrysene	ND < 327	ND < 316
bis(2-Ethylhexyl)phthalate	ND < 327	ND < 316
Di-n-octylphthalate	ND < 327	ND < 316
Benzo[b]fluoranthene	ND < 327	ND < 316
Benzo[k]fluoranthene	ND < 327	ND < 316
Benzo[a]pyrene	ND < 327	ND < 316
Indeno[1,2,3-cd]pyrene	ND < 327	ND < 316
Dibenz[a,h]anthracene	ND < 327	ND < 316
Benzo[g,h,i]perylene	ND < 327	ND < 316
2-Fluorophenol (Surr) 30-130	65.6	71.8
Phenol-d5 (Surr) -	72.5	79.3
Nitrobenzene-d5(Surr) 30-130	61.8	67.1
2-Fluorobiphenyl (Surr) 30-130	73.7	78.1
2,4,6-Tribromophenol (Surr) 30-130	56.4	70.2
Terphenyl-d14 (Surr) 30-130	71.4	77.5

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	East Wall 3 8.5ft	CONF10 9ft
CET ID	AE37997	AE37998
Date Analyzed	4/30/2010	4/30/2010
Dilution	1.0	1.0
ETPH	ND < 55	ND < 53
Octacosane (surr) 50-150	110	107

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.

Sincerely,

David Ditta
Laboratory Director

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
EAST WALL 3 @ 8.5'	4/30/10 800	S		X									X	X						X		X				
CONF 10 @ 9'	4/30/10 1030	S		X									X	X						X		X				
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)																										
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)													G	G						G		G				
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)																										

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Gerard Mushlin	4/30/10 1155	[illegible]
[illegible]	4/30/10 1255	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Please Report on AL Kovalik Specified format. Result posted by Monday if possible. Any questions call 203-233-3289 JERRY MISHLER

Client / Reporting Information

Company Name: GeoDesign Inc

Address: 984 Southford Road

City: Middlebury State: CT Zip: 06762

Report To: AL Kovalik - AKovalik@geodesign.net / Ping Gun - PGun@geodesign.net

Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: ~~Parcel C South~~ AL KOVALIK PO #: 3101-4.1

Project: PARCEL C- SOUTH Project #: 3101-4.1

Location: NEWGATUCK Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use: Evidence of Cooling: Y or N
Temp Upon Receipt: 6.0 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:***3101-4.1

Laboratory Sample ID(s): AE37997-AE37998 ***Sampling Date(s):*** 4/30/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10040716

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☒Yes ☐No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 5/4/2010

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10040716

Blank/LCS Report

QA Type: Conn. Extractable TPH Date Analyzed: 4/30/2010 Batch ID: 66601

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	111	60-120

All associated samples: AE37997 AE37998

QA Type: Total Metals Date Analyzed: 4/30/2010 Batch ID: 66612

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	94	80-120

All associated samples: AE37997 AE37998

QA Type: SPLP Metals Date Analyzed: 5/3/2010 Batch ID: 66635

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	95	80-120

All associated samples: AE37997 AE37998

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 5/3/2010 Batch ID: 66641

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	44	30-130
n-Nitroso-dimethylamine	ND<300	64	40-140
bis(2-Chloroethyl)ether	ND<300	67	40-140
Phenol	ND<300	72	30-130
Aniline	ND<300	68	30-130
2-Chlorophenol	ND<300	68	30-130
1,3-Dichlorobenzene	ND<300	62	40-140
1,4-Dichlorobenzene	ND<300	63	40-140
Benzyl Alcohol	ND<300	36	30-130
1,2-Dichlorobenzene	ND<300	66	40-140
bis(2-chloroisopropyl)ether	ND<300	72	40-140
Hexachloroethane	ND<300	62	40-140
N-Nitroso-di-n-propylamine	ND<300	74	40-140
2-Methyl Phenol	ND<300	69	30-130
3+4 Methyl Phenol	ND<300	68	30-130
Nitrobenzene	ND<300	69	40-140
Isophorone	ND<300	72	40-140

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 5/3/2010 Batch ID: 66641

Analyte	Blank	LCS%Rec	LCS CL
2-Nitrophenol	ND<300	70	30-130
2,4-Dimethylphenol	ND<300	68	30-130
bis(2-Chloroethoxy)methane	ND<300	72	40-140
2,4-Dichlorophenol	ND<300	73	30-130
1,2,4-Trichlorobenzene	ND<300	69	40-140
Naphthalene	ND<300	67	40-140
4-Chloroaniline	ND<300	70	30-130
Hexachlorobutadiene	ND<300	66	40-140
4-Chloro-3-methylphenol	ND<300	76	30-130
2-Methyl Naphthalene	ND<300	75	40-140
Hexachlorocyclopentadiene	ND<300	80	40-140
2,4,6-Trichlorophenol	ND<300	67	30-130
2,4,5-Trichlorophenol	ND<300	83	30-130
2-Chloronaphthalene	ND<300	72	30-130
2-Nitroaniline	ND<300	80	30-130
Acenaphthylene	ND<300	74	40-140
Dimethylphthalate	ND<300	78	40-140
2,6-Dinitrotoluene	ND<300	75	40-140
4-Nitroaniline	ND<300	86	30-130
Acenaphthene	ND<300	74	40-140
2,4-Dinitrophenol	ND<300	59	30-130
2,4-Dinitrotoluene	ND<300	80	40-140
4-Nitrophenol	ND<300	56	30-130
Dibenzofuran	ND<300	78	40-140
Fluorene	ND<300	76	40-140
4-Chlorophenyl-phenylether	ND<300	76	40-140
Diethylphthalate	ND<300	77	40-140
3-Nitroaniline	ND<300	71	30-130
4,6-Dinitro-2-methylphenol	ND<300	71	30-130
n-Nitrosodiphenylamine	ND<300	91	40-140
Azobenzene	ND<300	82	40-140
4-Bromophenyl-phenylether	ND<300	76	40-140
Hexachlorobenzene	ND<300	81	40-140
Pentachlorophenol	ND<300	74	30-130
Phenanthrene	ND<300	80	40-140
Anthracene	ND<300	79	40-140
Di-n-butylphthalate	ND<300	84	40-140
Fluoranthene	ND<300	78	40-140
Pyrene	ND<300	78	40-140
Butylbenzylphthalate	ND<300	86	40-140
Benzo[a]anthracene	ND<300	80	40-140
Chrysene	ND<300	80	40-140
bis(2-Ethylhexyl)phthalate	ND<300	87	40-140
Di-n-octylphthalate	ND<300	88	40-140
Benzo[b]fluoranthene	ND<300	69	40-140
Benzo[k]fluoranthene	ND<300	86	40-140
Benzo[a]pyrene	ND<300	81	40-140
Indeno[1,2,3-cd]pyrene	ND<300	101	40-140
Dibenz[a,h]anthracene	ND<300	98	40-140
Benzo[g,h,i]perylene	ND<300	101	40-140

All associated samples: AE37997 AE37998

ND is not detected

QC Batch Report

Conn. Extractable TPH Batch 66601

CET ID	Client Sample ID	Matrix	Collection Date
AE37997	East Wall 3 8.5ft	Soil	4/30/2010
AE37998	CONF10 9ft	Soil	4/30/2010

Total Metals Batch 66612

CET ID	Client Sample ID	Matrix	Collection Date
AE37997	East Wall 3 8.5ft	Soil	4/30/2010
AE37998	CONF10 9ft	Soil	4/30/2010

SPLP Metals Batch 66635

CET ID	Client Sample ID	Matrix	Collection Date
AE37997	East Wall 3 8.5ft	Soil	4/30/2010
AE37998	CONF10 9ft	Soil	4/30/2010

EPA 8270C Semi-Volatile Organics Batch 66641

CET ID	Client Sample ID	Matrix	Collection Date
AE37997	East Wall 3 8.5ft	Soil	4/30/2010
AE37998	CONF10 9ft	Soil	4/30/2010

Narrative

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by client.

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
EAST WALL 3 @ 8.5'	4/30/10 8:00	S		X									X	X						X		X					
CONF 10 @ 9'	4/30/10 10:30	S		X									X	X						X		X					
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)																											
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)													G	G						G		G					
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)																											

RELINQUISHED BY: Gerard Mustik DATE/TIME 4/30/10 1155 RECEIVED BY: [illegible]

RELINQUISHED BY: DATE/TIME RECEIVED BY:

RELINQUISHED BY: DATE/TIME RECEIVED BY:

NOTES: PLEASE REPORT ON AL KOVALIK SPECIFIED FORMAT. RESULT POSTED by Monday if possible. Any questions call 203-233-3289 JERRY MISHLER

Client / Reporting Information

Company Name: GeoDesign Inc
Address: 984 Southford Road
City: Middlebury State: CT Zip: 06762
Report To: AL Kovalik - AKovalik@geodesign.net / Peter Gaul - PGaul@geodesignnet
E-mail:
Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: AL KOVALIK ~~Pamela C. Smith~~ PO #: 3101-4.1
Project: Pamela C. Smith Project #: 3101-4.1
Location: Newgatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: 60 Y or N
Temp Upon Receipt °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

CONF 8

CONF 9

CET # 10040677

Report Date: April 30, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date
AE37879	Conf8 7ft	Soil	4/29/2010
AE37880	Conf9 8ft	Soil	4/29/2010

Sample temperature upon receipt was 7.9 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	Conf8 7ft	Conf9 8ft
CET ID	AE37879	AE37880
Date Analyzed	4/30/2010	4/30/2010

Accelerated Solvent Ext. SVOC [EPA 3545]

Client ID	Conf8 7ft	Conf9 8ft
CET ID	AE37879	AE37880
Date Analyzed	4/29/2010	4/29/2010

Ultrasonic Extraction-ETPH [EPA 3550B]

Client ID	Conf8 7ft	Conf9 8ft
CET ID	AE37879	AE37880
Date Analyzed	4/30/2010	4/30/2010

SPLP, Metals [EPA 1312]

Client ID	Conf8 7ft	Conf9 8ft
CET ID	AE37879	AE37880
Date Analyzed	4/29/2010	4/29/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Conf8 7ft	Conf9 8ft
CET ID	AE37879	AE37880
Date Analyzed	4/30/2010	4/30/2010
Total Solids	83	89

Total Metals [EPA 6010] Units: mg/kg (Dry Wt)

Client ID	Conf8 7ft	Conf9 8ft
CET ID	AE37879	AE37880
Date Analyzed	4/30/2010	4/30/2010
Dilution	1.0	1.0
Lead	160	160

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	Conf8 7ft	Conf9 8ft
CET ID	AE37879	AE37880
Date Analyzed	4/30/2010	4/30/2010
Dilution	1.0	1.0
Lead	ND < 0.013	0.13

SPLP Metals by ICP/MS Dup [EPA 6020A] Units: mg/l

Client ID	Conf8 7ft
CET ID	AE37879
Date Analyzed	4/30/2010
Dilution	1.0
Lead	ND < 0.013

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	Conf8 7ft	Conf9 8ft
CET ID	AE37879	AE37880
Date Analyzed	4/30/2010	4/30/2010
Dilution	1.0	1.0
Pyridine	ND < 362	ND < 338
n-Nitroso-dimethylamine	ND < 362	ND < 338
bis(2-Chloroethyl)ether	ND < 362	ND < 338
Phenol	ND < 362	ND < 338
Aniline	ND < 362	ND < 338
2-Chlorophenol	ND < 362	ND < 338
1,3-Dichlorobenzene	ND < 362	ND < 338
1,4-Dichlorobenzene	ND < 362	ND < 338
Benzyl Alcohol	ND < 362	ND < 338
1,2-Dichlorobenzene	ND < 362	ND < 338
bis(2-chloroisopropyl)ether	ND < 362	ND < 338
Hexachloroethane	ND < 362	ND < 338
N-Nitroso-di-n-propylamine	ND < 362	ND < 338
2-Methyl Phenol	ND < 362	ND < 338
3+4 Methyl Phenol	ND < 362	ND < 338
Nitrobenzene	ND < 362	ND < 338
Isophorone	ND < 362	ND < 338
2-Nitrophenol	ND < 362	ND < 338
2,4-Dimethylphenol	ND < 362	ND < 338
bis(2-Chloroethoxy)methane	ND < 362	ND < 338

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	Conf8 7ft	Conf9 8ft
Benzoic Acid	ND < 362	ND < 338
2,4-Dichlorophenol	ND < 362	ND < 338
1,2,4-Trichlorobenzene	ND < 362	ND < 338
Naphthalene	860	ND < 338
2,6-Dichlorophenol	ND < 362	ND < 338
4-Chloroaniline	ND < 362	ND < 338
Hexachlorobutadiene	ND < 362	ND < 338
4-Chloro-3-methylphenol	ND < 362	ND < 338
2-Methyl Naphthalene	ND < 362	ND < 338
Hexachlorocyclopentadiene	ND < 362	ND < 338
2,4,6-Trichlorophenol	ND < 362	ND < 338
2,4,5-Trichlorophenol	ND < 362	ND < 338
2-Chloronaphthalene	ND < 362	ND < 338
2-Nitroaniline	ND < 362	ND < 338
Acenaphthylene	1100	ND < 338
Dimethylphthalate	ND < 362	ND < 338
2,6-Dinitrotoluene	ND < 362	ND < 338
4-Nitroaniline	ND < 362	ND < 338
Acenaphthene	550	ND < 338
2,4-Dinitrophenol	ND < 362	ND < 338
2,4-Dinitrotoluene	ND < 362	ND < 338
4-Nitrophenol	ND < 362	ND < 338
Dibenzofuran	550	ND < 338
2,3,4,6-Tetrachlorophenol	ND < 362	ND < 338
Fluorene	ND < 362	ND < 338
4-Chlorophenyl-phenylether	ND < 362	ND < 338
Diethylphthalate	ND < 362	ND < 338
3-Nitroaniline	ND < 362	ND < 338
4,6-Dinitro-2-methylphenol	ND < 362	ND < 338
n-Nitrosodiphenylamine	ND < 362	ND < 338
Azobenzene	ND < 362	ND < 338
4-Bromophenyl-phenylether	ND < 362	ND < 338
Hexachlorobenzene	ND < 362	ND < 338
Pentachlorophenol	ND < 362	ND < 338
Phenanthrene	8000	1200
Anthracene	3000	ND < 338
Carbazole	590	ND < 338
Di-n-butylphthalate	ND < 362	ND < 338
Fluoranthene	14000	1700
Pyrene	11000	1400
Butylbenzylphthalate	ND < 362	ND < 338
3,3-Dichlorobenzidine	ND < 362	ND < 338
Benzo[a]anthracene	12000	1000
Chrysene	8100	820
bis(2-Ethylhexyl)phthalate	ND < 362	ND < 338
Di-n-octylphthalate	ND < 362	ND < 338
Benzo[b]fluoranthene	12000	890
Benzo[k]fluoranthene	4100	400
Benzo[a]pyrene	10000	810
Indeno[1,2,3-cd]pyrene	7900	570

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	Conf8 7ft	Conf9 8ft
Dibenz[a,h]anthracene	2200	ND < 338
Benzo[g,h,i]perylene	6100	680
2-Fluorophenol (Surr) 30-130	80.1	49.5
Phenol-d5 (Surr) -	81.8	56.6
Nitrobenzene-d5(Surr) 30-130	73.9	53.5
2-Fluorobiphenyl (Surr) 30-130	82.7	58.3
2,4,6-Tribromophenol (Surr) 30-130	67.5	52.4
Terphenyl-d14 (Surr) 30-130	75.2	58

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf8 7ft	Conf9 8ft
CET ID	AE37879	AE37880
Date Analyzed	4/30/2010	4/30/2010
Dilution	1.0	1.0
ETPH	280*	ND < 57
Octacosane (surr) 50-150	110	113

*C_{18}-C_{36} May be PNA related.

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.

Sincerely,

David Ditta

David Ditta
Laboratory Director

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer	
Client:	
CET:	

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2–3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2–3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
Conf 8 @ 7'	4/29/10 830	S		X									X	X						X		X				
Conf 9 @ 8'	4/29/10 832	S		X									X	X						X		X				
													G	G						G		G				

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	4/29/10 1015	[illegible]
[illegible]	4/29/10 1215	[illegible]

NOTES: Please Report Results on excel spread sheet per AL Kowalik format. Any questions call JERRY MISHLER 203-233-3289

Client / Reporting Information

Company Name: Geo Design, Inc

Address: 984 South Ford RD

City: Middlebury State: CT Zip: 06762

Report To: AL Kowalik - Akowalik@geodesign.net or PingGan - PGan@geodesign.net

E-mail:

Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: AL Kowalik PO #: 3101-4.1

Project: Parcel C - South Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 7.5 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE37879-AE37880 ***Sampling Date(s):*** 4/29/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10040677

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☐Yes ☒ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 5/4/2010

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10040677

Blank/LCS Report

QA Type: Conn. Extractable TPH Date Analyzed: 4/30/2010 Batch ID: 66601

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	111	60-120

All associated samples: AE37879 AE37880

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 4/30/2010 Batch ID: 66603

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	49	30-130
n-Nitroso-dimethylamine	ND<300	66	40-140
bis(2-Chloroethyl)ether	ND<300	73	40-140
Phenol	ND<300	79	30-130
Aniline	ND<300	75	30-130
2-Chlorophenol	ND<300	74	30-130
1,3-Dichlorobenzene	ND<300	66	40-140
1,4-Dichlorobenzene	ND<300	68	40-140
Benzyl Alcohol	ND<300	20 L	30-130
1,2-Dichlorobenzene	ND<300	70	40-140
bis(2-chloroisopropyl)ether	ND<300	77	40-140
Hexachloroethane	ND<300	60	40-140
N-Nitroso-di-n-propylamine	ND<300	76	40-140
2-Methyl Phenol	ND<300	76	30-130
3+4 Methyl Phenol	ND<300	75	30-130
Nitrobenzene	ND<300	74	40-140
Isophorone	ND<300	76	40-140
2-Nitrophenol	ND<300	72	30-130
2,4-Dimethylphenol	ND<300	76	30-130
bis(2-Chloroethoxy)methane	ND<300	78	40-140
2,4-Dichlorophenol	ND<300	76	30-130
1,2,4-Trichlorobenzene	ND<300	74	40-140
Naphthalene	ND<300	74	40-140
4-Chloroaniline	ND<300	72	30-130
Hexachlorobutadiene	ND<300	70	40-140
4-Chloro-3-methylphenol	ND<300	82	30-130
2-Methyl Naphthalene	ND<300	81	40-140

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 4/30/2010 Batch ID: 66603

Analyte	Blank	LCS%Rec	LCS CL
Hexachlorocyclopentadiene	ND<300	80	40-140
2,4,6-Trichlorophenol	ND<300	69	30-130
2,4,5-Trichlorophenol	ND<300	89	30-130
2-Chloronaphthalene	ND<300	78	30-130
2-Nitroaniline	ND<300	85	30-130
Acenaphthylene	ND<300	78	40-140
Dimethylphthalate	ND<300	82	40-140
2,6-Dinitrotoluene	ND<300	76	40-140
4-Nitroaniline	ND<300	96	30-130
Acenaphthene	ND<300	79	40-140
2,4-Dinitrophenol	ND<300	26 L	30-130
2,4-Dinitrotoluene	ND<300	81	40-140
4-Nitrophenol	ND<300	65	30-130
Dibenzofuran	ND<300	84	40-140
Fluorene	ND<300	81	40-140
4-Chlorophenyl-phenylether	ND<300	81	40-140
Diethylphthalate	ND<300	82	40-140
3-Nitroaniline	ND<300	77	30-130
4,6-Dinitro-2-methylphenol	ND<300	36	30-130
n-Nitrosodiphenylamine	ND<300	96	40-140
Azobenzene	ND<300	84	40-140
4-Bromophenyl-phenylether	ND<300	80	40-140
Hexachlorobenzene	ND<300	82	40-140
Pentachlorophenol	ND<300	80	30-130
Phenanthrene	ND<300	84	40-140
Anthracene	ND<300	86	40-140
Di-n-butylphthalate	ND<300	88	40-140
Fluoranthene	ND<300	84	40-140
Pyrene	ND<300	86	40-140
Butylbenzylphthalate	ND<300	85	40-140
Benzo[a]anthracene	ND<300	84	40-140
Chrysene	ND<300	84	40-140
bis(2-Ethylhexyl)phthalate	ND<300	86	40-140
Di-n-octylphthalate	ND<300	89	40-140
Benzo[b]fluoranthene	ND<300	76	40-140
Benzo[k]fluoranthene	ND<300	90	40-140
Benzo[a]pyrene	ND<300	86	40-140
Indeno[1,2,3-cd]pyrene	ND<300	99	40-140
Dibenz[a,h]anthracene	ND<300	97	40-140
Benzo[g,h,i]perylene	ND<300	94	40-140

All associated samples: AE37879 AE37880

QA Type: SPLP Metals Date Analyzed: 4/30/2010 Batch ID: 66610

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	99	80-120

All associated samples: AE37879 AE37880

QA Type: Total Metals Date Analyzed: 4/30/2010 Batch ID: 66612

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	94	80-120

All associated samples: AE37879 AE37880

Matrix Spike Report

QA Type: SPLP Metals Date Analyzed: 4/30/2010 Sample ID: AE37879 Client ID: Conf8 7ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.20	96	96	80-120	0.52	20

ND is not detected

QC Batch Report

Conn. Extractable TPH Batch 66601

CET ID	Client Sample ID	Matrix	Collection Date
AE37879	Conf8 7ft	Soil	4/29/2010
AE37880	Conf9 8ft	Soil	4/29/2010

EPA 8270C Semi-Volatile Organics Batch 66603

CET ID	Client Sample ID	Matrix	Collection Date
AE37879	Conf8 7ft	Soil	4/29/2010
AE37880	Conf9 8ft	Soil	4/29/2010

SPLP Metals Batch 66610

CET ID	Client Sample ID	Matrix	Collection Date
AE37879	Conf8 7ft	Soil	4/29/2010
AE37880	Conf9 8ft	Soil	4/29/2010

Total Metals Batch 66612

CET ID	Client Sample ID	Matrix	Collection Date
AE37879	Conf8 7ft	Soil	4/29/2010
AE37880	Conf9 8ft	Soil	4/29/2010

Narrative

3. The samples were not received at appropriate temperature the temperature was 7.9 degrees and there was evidence of cooling.

4. Benzyl Alcohol LCS recovery low (20%) for batch 66603.
   2,4-Dinitrophenol LCS recovery low (26%) for batch 66603.

6. The client requested a subset of the RCP metals list.

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2–3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2–3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
CONF 8@ 7'	4/29/10 830	S		X									X	X						X		X				
CONF 9@ 8'	4/29/10 832	S		X									X	X						X		X				

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other): G G G G

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	4/29/10 1015	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Please Report Results on excel spread spread per AL Kwalik format. Any questions call JERRY MISHLER 203-233-3289

Client / Reporting Information

Company Name: Geo Design Inc

Address: 984 South Ford RD

City: Middlebury State: CT Zip: 06762

Report To: AL Kwalik - AKwalik@gradesign.net or Pjackson - Pjan@gradesign.net

E-mail:

Phone #: 203-758-8836 X113 Fax #: 203-758-8842

Project Information

Project Contact: AL Kwalik PO #: 3101-4.1

Project: Parcel C South Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 7.9 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

RECEIVED
MAY 11 2010
GeoDesign, Inc.

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

CONF 6@6'

Detect. NO exceedances

CET # 10040628

Report Date: April 30, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date
AE37677	Conf 6 6ft	Soil	4/26/2010

Sample temperature upon receipt was 6.3 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	Conf 6 6ft
CET ID	AE37677
Date Analyzed	4/28/2010

Accelerated Solvent Ext. SVOC [EPA 3545]

Client ID	Conf 6 6ft
CET ID	AE37677
Date Analyzed	4/28/2010

Ultrasonic Extraction-ETPH [EPA 3550B]

Client ID	Conf 6 6ft
CET ID	AE37677
Date Analyzed	4/29/2010

SPLP, Metals [EPA 1312]

Client ID	Conf 6 6ft
CET ID	AE37677
Date Analyzed	4/28/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Conf 6 6ft
CET ID	AE37677
Date Analyzed	4/29/2010
Total Solids	82

Total Metals [EPA 6010] Units: mg/kg (Dry Wt)

Client ID	Conf 6 6ft
CET ID	AE37677
Date Analyzed	4/28/2010
Dilution	1.0
Lead	96

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	Conf 6 6ft
CET ID	AE37677
Date Analyzed	4/29/2010
Dilution	1.0
Lead	0.029

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	Conf 6 6ft
CET ID	AE37677
Date Analyzed	4/29/2010
Dilution	1.0
Pyridine	ND < 366
n-Nitroso-dimethylamine	ND < 366
bis(2-Chloroethyl)ether	ND < 366
Phenol	ND < 366
Aniline	ND < 366
2-Chlorophenol	ND < 366
1,3-Dichlorobenzene	ND < 366
1,4-Dichlorobenzene	ND < 366
Benzyl Alcohol	ND < 366
1,2-Dichlorobenzene	ND < 366
bis(2-chloroisopropyl)ether	ND < 366
Hexachloroethane	ND < 366
N-Nitroso-di-n-propylamine	ND < 366
2-Methyl Phenol	ND < 366
3+4 Methyl Phenol	ND < 366
Nitrobenzene	ND < 366
Isophorone	ND < 366
2-Nitrophenol	ND < 366
2,4-Dimethylphenol	ND < 366
bis(2-Chloroethoxy)methane	ND < 366
Benzoic Acid	ND < 366
2,4-Dichlorophenol	ND < 366
1,2,4-Trichlorobenzene	ND < 366
Naphthalene	ND < 366
2,6-Dichlorophenol	ND < 366
4-Chloroaniline	ND < 366
Hexachlorobutadiene	ND < 366
4-Chloro-3-methylphenol	ND < 366
2-Methyl Naphthalene	ND < 366
Hexachlorocyclopentadiene	ND < 366

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	Conf 6 6ft
2,4,6-Trichlorophenol	ND < 366
2,4,5-Trichlorophenol	ND < 366
2-Chloronaphthalene	ND < 366
2-Nitroaniline	ND < 366
Acenaphthylene	ND < 366
Dimethylphthalate	ND < 366
2,6-Dinitrotoluene	ND < 366
4-Nitroaniline	ND < 366
Acenaphthene	ND < 366
2,4-Dinitrophenol	ND < 366
2,4-Dinitrotoluene	ND < 366
4-Nitrophenol	ND < 366
Dibenzofuran	ND < 366
2,3,4,6-Tetrachlorophenol	ND < 366
Fluorene	ND < 366
4-Chlorophenyl-phenylether	ND < 366
Diethylphthalate	ND < 366
3-Nitroaniline	ND < 366
4,6-Dinitro-2-methylphenol	ND < 366
n-Nitrosodiphenylamine	ND < 366
Azobenzene	ND < 366
4-Bromophenyl-phenylether	ND < 366
Hexachlorobenzene	ND < 366
Pentachlorophenol	ND < 366
Phenanthrene	ND < 366
Anthracene	ND < 366
Carbazole	ND < 366
Di-n-butylphthalate	ND < 366
Fluoranthene	710
Pyrene	660
Butylbenzylphthalate	ND < 366
3,3-Dichlorobenzidine	ND < 366
Benzo[a]anthracene	480
Chrysene	450
bis(2-Ethylhexyl)phthalate	ND < 366
Di-n-octylphthalate	ND < 366
Benzo[b]fluoranthene	450
Benzo[k]fluoranthene	ND < 366
Benzo[a]pyrene	450
Indeno[1,2,3-cd]pyrene	ND < 366
Dibenz[a,h]anthracene	ND < 366
Benzo[g,h,i]perylene	ND < 366
2-Fluorophenol (Surr) 30-130	54.7
Phenol-d5 (Surr) -	71.8
Nitrobenzene-d5(Surr) 30-130	59.8
2-Fluorobiphenyl (Surr) 30-130	72.2
2,4,6-Tribromophenol (Surr) 30-130	73.4
Terphenyl-d14 (Surr) 30-130	47.8

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf 6 6ft
CET ID	AE37677
Date Analyzed	4/29/2010
Dilution	1.0
ETPH	ND < 61
Octacosane (surr) 50-150	108

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.

Sincerely,

David Ditta

David Ditta
Laboratory Director

Received Time Apr. 27. 2010 4:54PM No. 9207

GEODESIGN INCORPORATED

GEOTECHNICAL | CONSTRUCTION | ENVIRONMENTAL
ENGINEERS and SCIENTISTS

Date: 4/27/10

File: 3101-4.1

To: CETLABS

From: JERRY MISHLER
GeoDesign, Inc

Fax No.: 203-377-9952

Total Pages (including cover sheet): 2

____ Original to be sent

X This is the original

Re: Change TAT from Standard to 3day for sample Con F 6a6'

If you have any problems with this transmission, please call (203) 758-8836 ext. 0.

Comments:

Please have sample ready in 72hrs - 3day from today. DO NOT USE STANDARD TAT

Thanks
JERRY.

Confidentiality Note: The documents accompanying this telecopy transmission contain information belonging to GeoDesign, Inc., which is intended only for the use of the addressee. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on the contents of this telecopied information is strictly prohibited. If you have received this telecopy in error, please immediately notify us by telephone to arrange for the return of the original documents to us. Thank you.

984 SOUTHFORD ROAD • MIDDLEBURY, CT 06762 • TELEPHONE: 203.758.8836 • FACSIMILE: 203.758.8842

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	6 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
Conf 6e6'	4/26/10 1235	S			(3)	X							X	X						X		X					

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH, B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	4-27-10 1055	[signature]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: 203-671-8239 (CET VAN PHONE #)

* Please have results ready in 72 hrs

Client / Reporting Information

Company Name: GeoDesign, Inc

Address: 984 SOUTHFORD RD

City: Middlebury State: CT Zip: 06762

Report To: AL Kovalik - AKovalik@geodesign.net or Ping Gan - PGan@geodesign

E-mail:

Phone #: 203-758-8626 X113 Fax #: 203.758-8842

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1

Project: DANIEL C. SMITH Project #: 3101-4.1

Location: NEWGATE Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 6.8 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

Received Time Apr. 27. 2010 4:54PM No. 9207

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
ConF6@6'	4/26/10 1235	S				X							X	X						X		X					

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	4-27-10 1055	[signature]
[signature]	4-27-10 1630	[signature]

NOTES:

Client / Reporting Information

Company Name: GeoDesign, Inc

Address: 984 SouthFord RD

City: Middlebury State: CT Zip: 06762

Report To: ALKovalik - AKovalik@geodesign.net or PingGan - PGan@geodesign

E-mail:

Phone #: 203-758-8836x113 Fax #: 203.758.8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1

Project: Parcel C South Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 6.8 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Nauagatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE37677 ***Sampling Date(s):*** 4/26/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10040628

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☐Yes ☒ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☒Yes ☐No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 5/3/2010

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10040628

Blank/LCS Report

QA Type: Total Metals Date Analyzed: 4/28/2010 Batch ID: 66543

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	92	80-120

All associated samples: AE37677

QA Type: Conn. Extractable TPH Date Analyzed: 4/29/2010 Batch ID: 66567

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	112	60-120

All associated samples: AE37677

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 4/29/2010 Batch ID: 66571

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	39	30-130
n-Nitroso-dimethylamine	ND<300	58	40-140
bis(2-Chloroethyl)ether	ND<300	62	40-140
Phenol	ND<300	67	30-130
Aniline	ND<300	64	30-130
2-Chlorophenol	ND<300	63	30-130
1,3-Dichlorobenzene	ND<300	57	40-140
1,4-Dichlorobenzene	ND<300	57	40-140
Benzyl Alcohol	ND<300	31	30-130
1,2-Dichlorobenzene	ND<300	60	40-140
bis(2-chloroisopropyl)ether	ND<300	65	40-140
Hexachloroethane	ND<300	57	40-140
N-Nitroso-di-n-propylamine	ND<300	65	40-140
2-Methyl Phenol	ND<300	64	30-130
3+4 Methyl Phenol	ND<300	64	30-130
Nitrobenzene	ND<300	65	40-140
Isophorone	ND<300	66	40-140
2-Nitrophenol	ND<300	61	30-130
2,4-Dimethylphenol	ND<300	67	30-130
bis(2-Chloroethoxy)methane	ND<300	67	40-140
2,4-Dichlorophenol	ND<300	66	30-130
1,2,4-Trichlorobenzene	ND<300	63	40-140

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 4/29/2010 Batch ID: 66571

Analyte	Blank	LCS%Rec	LCS CL
Naphthalene	ND<300	63	40-140
4-Chloroaniline	ND<300	64	30-130
Hexachlorobutadiene	ND<300	61	40-140
4-Chloro-3-methylphenol	ND<300	68	30-130
2-Methyl Naphthalene	ND<300	68	40-140
Hexachlorocyclopentadiene	ND<300	74	40-140
2,4,6-Trichlorophenol	ND<300	49	30-130
2,4,5-Trichlorophenol	ND<300	80	30-130
2-Chloronaphthalene	ND<300	65	30-130
2-Nitroaniline	ND<300	72	30-130
Acenaphthylene	ND<300	67	40-140
Dimethylphthalate	ND<300	71	40-140
2,6-Dinitrotoluene	ND<300	68	40-140
4-Nitroaniline	ND<300	83	30-130
Acenaphthene	ND<300	68	40-140
2,4-Dinitrophenol	ND<300	51	30-130
2,4-Dinitrotoluene	ND<300	73	40-140
4-Nitrophenol	ND<300	75	30-130
Dibenzofuran	ND<300	71	40-140
Fluorene	ND<300	70	40-140
4-Chlorophenyl-phenylether	ND<300	69	40-140
Diethylphthalate	ND<300	73	40-140
3-Nitroaniline	ND<300	70	30-130
4,6-Dinitro-2-methylphenol	ND<300	61	30-130
n-Nitrosodiphenylamine	ND<300	84	40-140
Azobenzene	ND<300	75	40-140
4-Bromophenyl-phenylether	ND<300	70	40-140
Hexachlorobenzene	ND<300	72	40-140
Pentachlorophenol	ND<300	67	30-130
Phenanthrene	ND<300	74	40-140
Anthracene	ND<300	74	40-140
Di-n-butylphthalate	ND<300	80	40-140
Fluoranthene	ND<300	75	40-140
Pyrene	ND<300	76	40-140
Butylbenzylphthalate	ND<300	78	40-140
Benzo[a]anthracene	ND<300	75	40-140
Chrysene	ND<300	76	40-140
bis(2-Ethylhexyl)phthalate	ND<300	78	40-140
Di-n-octylphthalate	ND<300	81	40-140
Benzo[b]fluoranthene	ND<300	66	40-140
Benzo[k]fluoranthene	ND<300	82	40-140
Benzo[a]pyrene	ND<300	77	40-140
Indeno[1,2,3-cd]pyrene	ND<300	94	40-140
Dibenz[a,h]anthracene	ND<300	88	40-140
Benzo[g,h,i]perylene	ND<300	93	40-140

All associated samples: AE37677

QA Type: SPLP Metals Date Analyzed: 4/29/2010 Batch ID: 66575

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	102	80-120

All associated samples: AE37677

QC Batch Report

Total Metals Batch 66543

CET ID	Client Sample ID	Matrix	Collection Date
AE37677	Conf 6 6ft	Soil	4/26/2010

Conn. Extractable TPH Batch 66567

CET ID	Client Sample ID	Matrix	Collection Date
AE37677	Conf 6 6ft	Soil	4/26/2010

EPA 8270C Semi-Volatile Organics Batch 66571

CET ID	Client Sample ID	Matrix	Collection Date
AE37677	Conf 6 6ft	Soil	4/26/2010

SPLP Metals Batch 66575

CET ID	Client Sample ID	Matrix	Collection Date
AE37677	Conf 6 6ft	Soil	4/26/2010

Narrative

3. The samples were not received at appropriate temperature the temperature was 6.3 degrees and there was evidence of cooling.

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by client.

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Sample ID	Date/Time	Matrix	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
Conf 6@6'	4/6/10 1235	S			3	X							X	X						X		X					

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	4/7/10 1035	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: 203-671-8239 (CET van phone #)

* please have results ready in 72 hrs

Client / Reporting Information

Company Name: GeoDesign, Inc

Address: 984 SouthFord RD

City: Middlebury State: CT Zip: 06762

Report To: AL Kovalik - AKovalik@geodesignnet or Pirogan - Pgan@geodesign

E-mail:

Phone #: 203-758-8838 X13 Fax #: 203.758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1

Project: Parcel C South Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 6.3 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

GEODESIGN
INCORPORATED

GEOTECHNICAL | CONSTRUCTION | ENVIRONMENTAL
ENGINEERS and SCIENTISTS

Date: 4/27/10

File: 3101-4.1

To: CETLABS

From: JERRY MISHLER
GeoDesign, Inc

Fax No.: 203-377-9952

Total Pages (including cover sheet): 2

____ Original to be sent

X This is the original

Re: Change TAT from Standard to 3day for sample Con F 6a6'

If you have any problems with this transmission, please call (203) 758-8836 ext. 0.

Comments:

Please have sample ready in 72hrs - 3day from today. DO NOT USE STANDARD TAT

Thanks
JERRY.

Confidentiality Note: The documents accompanying this telecopy transmission contain information belonging to Geo**Design**, Inc., which is intended only for the use of the addressee. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or the taking of any action in reliance on the contents of this telecopied information is strictly prohibited. If you have received this telecopy in error, please immediately notify us by telephone to arrange for the return of the original documents to us. Thank you.

984 SOUTHFORD ROAD • MIDDLEBURY, CT 06762 • TELEPHONE: 203.758.8836 • FACSIMILE: 203.758.8842

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

UST TANK water
North wall #1
Conf 7
~~Conf~~ East wall 2

CET # 10040643

Report Date: April 29, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date
AE37714	UST Tank Water	Water	4/27/2010
AE37715	North Wall 1 6ft	Soil	4/27/2010
AE37716	Conf 7 8ft	Soil	4/28/2010
AE37717	East Wall 2 8ft	Soil	4/28/2010
AE37718	Trip Blk	Water	4/27/2010

Sample temperature upon receipt was 5.9 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	North Wall 1 6ft	Conf 7 8ft	East Wall 2 8ft
CET ID	AE37715	AE37716	AE37717
Date Analyzed	4/29/2010	4/29/2010	4/29/2010

Liquid-Liquid Extraction EPH [EPA 3510]

Client ID	UST Tank Water
CET ID	AE37714
Date Analyzed	4/29/2010

Liquid-Liquid Ext. PCBs & Pest. [EPA 3510]

Client ID	UST Tank Water
CET ID	AE37714
Date Analyzed	4/28/2010

Accelerated Solvent Ext. SVOC [EPA 3545]

Client ID	North Wall 1 6ft	Conf 7 8ft	East Wall 2 8ft
CET ID	AE37715	AE37716	AE37717
Date Analyzed	4/28/2010	4/28/2010	4/28/2010

Ultrasonic Extraction-ETPH [EPA 3550B]

Client ID	North Wall 1 6ft	Conf 7 8ft	East Wall 2 8ft
CET ID	AE37715	AE37716	AE37717
Date Analyzed	4/29/2010	4/29/2010	4/29/2010

SPLP, Metals [EPA 1312]

Client ID	North Wall 1 6ft	Conf 7 8ft	East Wall 2 8ft
CET ID	AE37715	AE37716	AE37717
Date Analyzed	4/28/2010	4/28/2010	4/28/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	North Wall 1 6ft	Conf 7 8ft	East Wall 2 8ft
CET ID	AE37715	AE37716	AE37717
Date Analyzed	4/29/2010	4/29/2010	4/29/2010
Total Solids	87	88	94

Total Metals [EPA 6010] Units: mg/kg (Dry Wt)

Client ID	North Wall 1 6ft	Conf 7 8ft	East Wall 2 8ft
CET ID	AE37715	AE37716	AE37717
Date Analyzed	4/29/2010	4/29/2010	4/29/2010
Dilution	1.0	1.0	1.0
Lead	120	67	3.0

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	North Wall 1 6ft	Conf 7 8ft	East Wall 2 8ft
CET ID	AE37715	AE37716	AE37717
Date Analyzed	4/29/2010	4/29/2010	4/29/2010
Dilution	1.0	1.0	1.0
Lead	ND < 0.013	ND < 0.013	ND < 0.013

EPA 8082 PCBs [EPA 8082] Units: ug/l

Client ID	UST Tank Water
CET ID	AE37714
Date Analyzed	4/28/2010
PCB-1268	ND < 0.50

EPA 8082 PCBs [EPA 8082] Units: ug/l

Client ID	UST Tank Water
CET ID	AE37714
Date Analyzed	4/28/2010
Dilution	1.0
PCB-1016	ND < 0.50
PCB-1221	ND < 0.50
PCB-1232	ND < 0.50
PCB-1242	ND < 0.50
PCB-1248	ND < 0.50
PCB-1254	ND < 0.50
PCB-1260	ND < 0.50
TCMX (Surr 1)	75
DCB (Surr 2)	105

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	North Wall 1 6ft	Conf 7 8ft	East Wall 2 8ft
CET ID	AE37715	AE37716	AE37717
Date Analyzed	4/29/2010	4/29/2010	4/29/2010
Dilution	1.0	1.0	1.0
Pyridine	ND < 345	ND < 341	ND < 320
n-Nitroso-dimethylamine	ND < 345	ND < 341	ND < 320
bis(2-Chloroethyl)ether	ND < 345	ND < 341	ND < 320
Phenol	ND < 345	ND < 341	ND < 320
Aniline	ND < 345	ND < 341	ND < 320
2-Chlorophenol	ND < 345	ND < 341	ND < 320
1,3-Dichlorobenzene	ND < 345	ND < 341	ND < 320
1,4-Dichlorobenzene	ND < 345	ND < 341	ND < 320
Benzyl Alcohol	ND < 345	ND < 341	ND < 320
1,2-Dichlorobenzene	ND < 345	ND < 341	ND < 320
bis(2-chloroisopropyl)ether	ND < 345	ND < 341	ND < 320
Hexachloroethane	ND < 345	ND < 341	ND < 320
N-Nitroso-di-n-propylamine	ND < 345	ND < 341	ND < 320
2-Methyl Phenol	ND < 345	ND < 341	ND < 320
3+4 Methyl Phenol	ND < 345	ND < 341	ND < 320
Nitrobenzene	ND < 345	ND < 341	ND < 320
Isophorone	ND < 345	ND < 341	ND < 320
2-Nitrophenol	ND < 345	ND < 341	ND < 320
2,4-Dimethylphenol	ND < 345	ND < 341	ND < 320
bis(2-Chloroethoxy)methane	ND < 345	ND < 341	ND < 320
Benzoic Acid	ND < 345	ND < 341	ND < 320
2,4-Dichlorophenol	ND < 345	ND < 341	ND < 320
1,2,4-Trichlorobenzene	ND < 345	ND < 341	ND < 320
Naphthalene	ND < 345	ND < 341	ND < 320
2,6-Dichlorophenol	ND < 345	ND < 341	ND < 320
4-Chloroaniline	ND < 345	ND < 341	ND < 320
Hexachlorobutadiene	ND < 345	ND < 341	ND < 320
4-Chloro-3-methylphenol	ND < 345	ND < 341	ND < 320
2-Methyl Naphthalene	ND < 345	ND < 341	ND < 320
Hexachlorocyclopentadiene	ND < 345	ND < 341	ND < 320
2,4,6-Trichlorophenol	ND < 345	ND < 341	ND < 320
2,4,5-Trichlorophenol	ND < 345	ND < 341	ND < 320
2-Chloronaphthalene	ND < 345	ND < 341	ND < 320
2-Nitroaniline	ND < 345	ND < 341	ND < 320
Acenaphthylene	ND < 345	ND < 341	ND < 320
Dimethylphthalate	ND < 345	ND < 341	ND < 320
2,6-Dinitrotoluene	ND < 345	ND < 341	ND < 320
4-Nitroaniline	ND < 345	ND < 341	ND < 320
Acenaphthene	ND < 345	ND < 341	ND < 320
2,4-Dinitrophenol	ND < 345	ND < 341	ND < 320
2,4-Dinitrotoluene	ND < 345	ND < 341	ND < 320
4-Nitrophenol	ND < 345	ND < 341	ND < 320
Dibenzofuran	ND < 345	ND < 341	ND < 320
2,3,4,6-Tetrachlorophenol	ND < 345	ND < 341	ND < 320
Fluorene	ND < 345	ND < 341	ND < 320
4-Chlorophenyl-phenylether	ND < 345	ND < 341	ND < 320
Diethylphthalate	ND < 345	ND < 341	ND < 320
3-Nitroaniline	ND < 345	ND < 341	ND < 320
4,6-Dinitro-2-methylphenol	ND < 345	ND < 341	ND < 320

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	North Wall 1 6ft	Conf 7 8ft	East Wall 2 8ft
n-Nitrosodiphenylamine	ND < 345	ND < 341	ND < 320
Azobenzene	ND < 345	ND < 341	ND < 320
4-Bromophenyl-phenylether	ND < 345	ND < 341	ND < 320
Hexachlorobenzene	ND < 345	ND < 341	ND < 320
Pentachlorophenol	ND < 345	ND < 341	ND < 320
Phenanthrene	ND < 345	ND < 341	ND < 320
Anthracene	ND < 345	ND < 341	ND < 320
Carbazole	ND < 345	ND < 341	ND < 320
Di-n-butylphthalate	ND < 345	ND < 341	ND < 320
Fluoranthene	ND < 345	450	ND < 320
Pyrene	ND < 345	420	ND < 320
Butylbenzylphthalate	ND < 345	ND < 341	ND < 320
3,3-Dichlorobenzidine	ND < 345	ND < 341	ND < 320
Benzo[a]anthracene	ND < 345	ND < 341	ND < 320
Chrysene	ND < 345	ND < 341	ND < 320
bis(2-Ethylhexyl)phthalate	ND < 345	ND < 341	ND < 320
Di-n-octylphthalate	ND < 345	ND < 341	ND < 320
Benzo[b]fluoranthene	ND < 345	ND < 341	ND < 320
Benzo[k]fluoranthene	ND < 345	ND < 341	ND < 320
Benzo[a]pyrene	ND < 345	ND < 341	ND < 320
Indeno[1,2,3-cd]pyrene	ND < 345	ND < 341	ND < 320
Dibenz[a,h]anthracene	ND < 345	ND < 341	ND < 320
Benzo[g,h,i]perylene	ND < 345	ND < 341	ND < 320
2-Fluorophenol (Surr) 30-130	50.9	63.3	63
Phenol-d5 (Surr) -	56.6	71.6	72.3
Nitrobenzene-d5(Surr) 30-130	48.1	61.1	59.2
2-Fluorobiphenyl (Surr) 30-130	54.6	70.5	71.4
2,4,6-Tribromophenol (Surr) 30-130	49.3	61.4	68.5
Terphenyl-d14 (Surr) 30-130	31.4	45	45.9

Conn. Extractable TPH [CT DEP] Units: mg/l

Client ID	UST Tank Water
CET ID	AE37714
Date Analyzed	4/29/2010
Dilution	1.0
ETPH	0.16*
Octacosane (surr) 50-150	96

*C_{18}-C_{36} Motor oil range

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	North Wall 1 6ft	Conf 7 8ft	East Wall 2 8ft
CET ID	AE37715	AE37716	AE37717
Date Analyzed	4/29/2010	4/29/2010	4/29/2010
Dilution	1.0	1.0	1.0
ETPH	ND < 58	ND < 57	ND < 54
Octacosane (surr) 50-150	111	89.7	104

Volatile Organics [EPA 8260C] Units: ug/l

Client ID	UST Tank Water	Trip Blk
CET ID	AE37714	AE37718
Date Analyzed	4/29/2010	4/29/2010
Dilution	1.0	1.0
Dichlorodifluoromethane	ND < 10	ND < 10
Chloromethane	ND < 2.7	ND < 2.7
Vinyl Chloride	ND < 1.6	ND < 1.6
Bromomethane	ND < 5.0	ND < 5.0
Chloroethane	ND < 5.0	ND < 5.0
Acetone	ND < 50	ND < 50
Acrylonitrile	ND < 0.50	ND < 0.50
Trichlorofluoromethane	ND < 25	ND < 25
Trichlorotrifluoroethane	ND < 25	ND < 25
1,1-Dichloroethene	ND < 1.0	ND < 1.0
Methylene Chloride	ND < 5.0	ND < 5.0
Carbon Disulfide	ND < 5.0	ND < 5.0
Methyl-t-Butyl Ether (MTBE)	ND < 5.0	ND < 5.0
trans-1,2-Dichloroethene	ND < 1.0	ND < 1.0
1,1-Dichloroethane	ND < 1.0	ND < 1.0
2-Butanone (MEK)	ND < 25	ND < 25
2,2-Dichloropropane	ND < 1.0	ND < 1.0
cis-1,2-Dichloroethene	ND < 1.0	ND < 1.0
Chloroform	ND < 1.0	ND < 1.0
Tetrahydrofuran	ND < 5.0	ND < 5.0
1,1,1-Trichloroethane	ND < 1.0	ND < 1.0
Carbon Tetrachloride	ND < 1.0	ND < 1.0
1,1-Dichloropropene	ND < 1.0	ND < 1.0
Benzene	19	ND < 1.0
1,2-Dichloroethane	ND < 1.0	ND < 1.0
Methyl Isobutyl Ketone	ND < 25	ND < 25
Trichloroethene	ND < 1.0	ND < 1.0
1,2-Dichloropropane	ND < 1.0	ND < 1.0
Dibromomethane	ND < 1.0	ND < 1.0
Bromodichloromethane	ND < 0.50	ND < 0.50
2-Hexanone	ND < 25	ND < 25
cis-1,3-Dichloropropene	ND < 0.50	ND < 0.50
Toluene	65	ND < 1.0
trans-1,3-Dichloropropene	ND < 0.50	ND < 0.50
1,1,2-Trichloroethane	ND < 1.0	ND < 1.0
Tetrachloroethene	ND < 1.0	ND < 1.0
1,3-Dichloropropane	ND < 0.50	ND < 0.50
Dibromochloromethane	ND < 0.50	ND < 0.50
1,2-Dibromoethane	ND < 0.50	ND < 0.50
trans-1,4-Dichloro-2-Butene	ND < 10	ND < 10
Chlorobenzene	ND < 1.0	ND < 1.0
1,1,1,2-Tetrachloroethane	ND < 1.0	ND < 1.0
Ethylbenzene	20	ND < 1.0
m+p Xylenes	99	ND < 1.0
o-Xylene	6.7	ND < 1.0
Styrene	ND < 1.0	ND < 1.0
Bromoform	ND < 1.0	ND < 1.0
Isopropylbenzene	ND < 1.0	ND < 1.0
1,1,2,2-Tetrachloroethane	ND < 0.50	ND < 0.50

Volatile Organics [EPA 8260C] Units: ug/l

Client ID	UST Tank Water	Trip Blk
Bromobenzene	ND < 1.0	ND < 1.0
1,2,3-Trichloropropane	ND < 1.0	ND < 1.0
n-Propylbenzene	ND < 1.0	ND < 1.0
2-Chlorotoluene	ND < 1.0	ND < 1.0
4-Chlorotoluene	ND < 1.0	ND < 1.0
1,3,5-Trimethylbenzene	3.1	ND < 1.0
tert-Butylbenzene	ND < 1.0	ND < 1.0
1,2,4-Trimethylbenzene	6.7	ND < 1.0
sec-Butylbenzene	ND < 1.0	ND < 1.0
1,3-Dichlorobenzene	ND < 1.0	ND < 1.0
4-Isopropyltoluene	ND < 1.0	ND < 1.0
1,4-Dichlorobenzene	ND < 1.0	ND < 1.0
1,2-Dichlorobenzene	ND < 1.0	ND < 1.0
n-Butylbenzene	ND < 1.0	ND < 1.0
1,2-Dibromo-3-Chloropropane	ND < 1.0	ND < 1.0
1,2,4-Trichlorobenzene	ND < 1.0	ND < 1.0
Hexachlorobutadiene	ND < 0.45	ND < 0.45
Naphthalene	ND < 1.0	ND < 1.0
1,2,3-Trichlorobenzene	ND < 1.0	ND < 1.0
1,2 Dichloroethane-d4 (SURR) 70-130	96.2	104
toluene-d8 (SURR) 70-130	99.1	96.9
4-bromofluorobenzene (SURR) 70-130	94.3	92.4

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.

Sincerely,

David Ditta
Laboratory Director

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, TPH (418.1), CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
UST TANK WATER	4/27/10 215	W		X			X						X			X									4	
NORTH WALL 1 @ 6'	4/27/10 130	S		X									X	X						X		X			1	
CONF 7 @ 8'	4/28/10 1030	S		X									X	X						X		X			1	
EAST WALL 2 @ 8'	4/28/10 1032	S		X									X	X						X		X			1	
TRIP BLK	4/27/10	W		X			X																		1	

PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)
Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

Cl									C	C		C				C		C								
V									G	G		G				G		G								

RELINQUISHED BY: [signature] DATE/TIME 4/28/10 1105 RECEIVED BY: [signature]
RELINQUISHED BY: [signature] DATE/TIME 4/28/10 1235 RECEIVED BY: [signature]
RELINQUISHED BY: DATE/TIME RECEIVED BY:

NOTES: PLEASE REPORT RESULT IN AL KOVALIK SPECIFIED FORMAT, SAMPLE TAT IS 24 HRS.

Client / Reporting Information

Company Name: GEODESIGN INC
Address: 984 SOUTHFORD RD
City: Middlebury State: CT Zip: 06762
Report To: AL Kovalik · AKovalik@geodesign.NET or PingGan - PGan@geodesign.net
E-mail:
Phone #: 203-758-8836 X113 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1
Project: PARCEL C SOUTH Project #: 3101-4.1
Location: NAUGATUCK Collector(s): GJM
QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 5.9 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE37714-AE37718 ***Sampling Date(s):*** 4/27/2010; 4/28/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10040643

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☒Yes ☐No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 5/3/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10040643

Blank/LCS Report

QA Type: EPA 8082 PCBs Date Analyzed: 4/28/2010 Batch ID: 66559

Analyte	Blank	LCS%Rec	LCS CL
PCB-1016	ND<0.50	94	40-140
PCB-1260	ND<0.50	101	40-140

All associated samples: AE37714

QA Type: Conn. Extractable TPH Date Analyzed: 4/29/2010 Batch ID: 66567

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	112	60-120

All associated samples: AE37715 AE37716 AE37717

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 4/29/2010 Batch ID: 66571

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	39	30-130
n-Nitroso-dimethylamine	ND<300	58	40-140
bis(2-Chloroethyl)ether	ND<300	62	40-140
Phenol	ND<300	67	30-130
Aniline	ND<300	64	30-130
2-Chlorophenol	ND<300	63	30-130
1,3-Dichlorobenzene	ND<300	57	40-140
1,4-Dichlorobenzene	ND<300	57	40-140
Benzyl Alcohol	ND<300	31	30-130
1,2-Dichlorobenzene	ND<300	60	40-140
bis(2-chloroisopropyl)ether	ND<300	65	40-140
Hexachloroethane	ND<300	57	40-140
N-Nitroso-di-n-propylamine	ND<300	65	40-140
2-Methyl Phenol	ND<300	64	30-130
3+4 Methyl Phenol	ND<300	64	30-130
Nitrobenzene	ND<300	65	40-140
Isophorone	ND<300	66	40-140
2-Nitrophenol	ND<300	61	30-130
2,4-Dimethylphenol	ND<300	67	30-130
bis(2-Chloroethoxy)methane	ND<300	67	40-140
2,4-Dichlorophenol	ND<300	66	30-130

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 4/29/2010 Batch ID: 66571

Analyte	Blank	LCS%Rec	LCS CL
1,2,4-Trichlorobenzene	ND<300	63	40-140
Naphthalene	ND<300	63	40-140
4-Chloroaniline	ND<300	64	30-130
Hexachlorobutadiene	ND<300	61	40-140
4-Chloro-3-methylphenol	ND<300	68	30-130
2-Methyl Naphthalene	ND<300	68	40-140
Hexachlorocyclopentadiene	ND<300	74	40-140
2,4,6-Trichlorophenol	ND<300	49	30-130
2,4,5-Trichlorophenol	ND<300	80	30-130
2-Chloronaphthalene	ND<300	65	30-130
2-Nitroaniline	ND<300	72	30-130
Acenaphthylene	ND<300	67	40-140
Dimethylphthalate	ND<300	71	40-140
2,6-Dinitrotoluene	ND<300	68	40-140
4-Nitroaniline	ND<300	83	30-130
Acenaphthene	ND<300	68	40-140
2,4-Dinitrophenol	ND<300	51	30-130
2,4-Dinitrotoluene	ND<300	73	40-140
4-Nitrophenol	ND<300	75	30-130
Dibenzofuran	ND<300	71	40-140
Fluorene	ND<300	70	40-140
4-Chlorophenyl-phenylether	ND<300	69	40-140
Diethylphthalate	ND<300	73	40-140
3-Nitroaniline	ND<300	70	30-130
4,6-Dinitro-2-methylphenol	ND<300	61	30-130
n-Nitrosodiphenylamine	ND<300	84	40-140
Azobenzene	ND<300	75	40-140
4-Bromophenyl-phenylether	ND<300	70	40-140
Hexachlorobenzene	ND<300	72	40-140
Pentachlorophenol	ND<300	67	30-130
Phenanthrene	ND<300	74	40-140
Anthracene	ND<300	74	40-140
Di-n-butylphthalate	ND<300	80	40-140
Fluoranthene	ND<300	75	40-140
Pyrene	ND<300	76	40-140
Butylbenzylphthalate	ND<300	78	40-140
Benzo[a]anthracene	ND<300	75	40-140
Chrysene	ND<300	76	40-140
bis(2-Ethylhexyl)phthalate	ND<300	78	40-140
Di-n-octylphthalate	ND<300	81	40-140
Benzo[b]fluoranthene	ND<300	66	40-140
Benzo[k]fluoranthene	ND<300	82	40-140
Benzo[a]pyrene	ND<300	77	40-140
Indeno[1,2,3-cd]pyrene	ND<300	94	40-140
Dibenz[a,h]anthracene	ND<300	88	40-140
Benzo[g,h,i]perylene	ND<300	93	40-140

All associated samples: AE37715 AE37716 AE37717

QA Type: SPLP Metals Date Analyzed: 4/29/2010 Batch ID: 66575

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	102	80-120

All associated samples: AE37715 AE37716 AE37717

QA Type: Total Metals Date Analyzed: 4/29/2010 Batch ID: 66578

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	97	80-120

All associated samples: AE37715 AE37716 AE37717

QA Type: Conn. Extractable TPH Date Analyzed: 4/29/2010 Batch ID: 66580

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<0.10	103	60-120

All associated samples: AE37714

Matrix Spike Report

QA Type: SPLP Metals Date Analyzed: 4/29/2010 Sample ID: AE37715 Client ID: North Wall 1 6ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.20	100	100	80-120	0.00	20

QA Type: Conn. Extractable TPH Date Analyzed: 4/30/2010 Sample ID: AE37717 Client ID: East Wall 2 8ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	ND<54	1600	106	108	50-150	1.87	30

ND is not detected

QC Batch Report

EPA 8082 PCBs Batch 66559

CET ID	Client Sample ID	Matrix	Collection Date
AE37714	UST Tank Water	Water	4/27/2010

Conn. Extractable TPH Batch 66567

CET ID	Client Sample ID	Matrix	Collection Date
AE37715	North Wall 1 6ft	Soil	4/27/2010
AE37716	Conf 7 8ft	Soil	4/28/2010
AE37717	East Wall 2 8ft	Soil	4/28/2010

EPA 8270C Semi-Volatile Organics Batch 66571

CET ID	Client Sample ID	Matrix	Collection Date
AE37715	North Wall 1 6ft	Soil	4/27/2010
AE37716	Conf 7 8ft	Soil	4/28/2010
AE37717	East Wall 2 8ft	Soil	4/28/2010

SPLP Metals Batch 66575

CET ID	Client Sample ID	Matrix	Collection Date
AE37715	North Wall 1 6ft	Soil	4/27/2010
AE37716	Conf 7 8ft	Soil	4/28/2010
AE37717	East Wall 2 8ft	Soil	4/28/2010

Total Metals Batch 66578

CET ID	Client Sample ID	Matrix	Collection Date
AE37715	North Wall 1 6ft	Soil	4/27/2010
AE37716	Conf 7 8ft	Soil	4/28/2010
AE37717	East Wall 2 8ft	Soil	4/28/2010

Conn. Extractable TPH Batch 66580

CET ID	Client Sample ID	Matrix	Collection Date
AE37714	UST Tank Water	Water	4/27/2010

Narrative

6. The client requested a subset of the RCP metals list.

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day	24 Hours	2-3 Days	Standard	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL Lead	TCLP	SPLP Lead	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
UST TANK water	4/27/10 215	W		X			X						X			X										1	
North Wall 1 @ 6'	4/27/10 130	S		X									X	X						X		X				1	
Conf 7 @ 8'	4/28/10 1030	S		X									X	X						X		X				1	
East wall 2 @ 8'	4/28/10 1032	S		X									X	X						X		X				1	
TRIP BLK	4/27/10	W		X			X																			1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other): Cl, C, C, C, C, C

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other): V, G, G, G, G, G

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Gerald Muth	4/28/10 1135	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Please Report Result in AL Kovalik Specified Format, Sample TAT is 24 hrs.

Client / Reporting Information

Company Name: GeoDesign Inc

Address: 984 Southford Rd

City: Middlebury State: CT Zip: 06762

Report To: AL Kovalik · AKovalik@geodesigninet or PaulGan · Pgan@geodesigninet

E-mail:

Phone #: 203-758 8836 x113 Fax #: 203-758 8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1

Project: Parcel C South Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 5.9 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Tim Carr
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

CET # 11040504

Report Date: April 26, 2011
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE67905	Conf 36 4ft	Soil	4/20/2011	10:10	04/21/2011

Sample temperature upon receipt was 6.0 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	Conf 36 4ft
CET ID	AE67905
Date Analyzed	4/22/2011

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	Conf 36 4ft
CET ID	AE67905
Date Analyzed	4/22/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	Conf 36 4ft
CET ID	AE67905
Date Analyzed	4/22/2011

SPLP, Metals [EPA 1312]

Client ID	Conf 36 4ft
CET ID	AE67905
Date Analyzed	4/21/2011

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Conf 36 4ft
CET ID	AE67905
Date Analyzed	4/22/2011
Total Solids	85

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	Conf 36 4ft
CET ID	AE67905
Date Analyzed	4/22/2011
Dilution	1.0
Lead	55

Total Metals Dup Result [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	Conf 36 4ft
CET ID	AE67905
Date Analyzed	4/22/2011
Dilution	1.0
Lead	42

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	Conf 36 4ft
CET ID	AE67905
Date Analyzed	4/22/2011
Dilution	1.0
Lead	ND < 0.013

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 36 4ft
CET ID	AE67905
Date Analyzed	4/26/2011
Dilution	1.0
Pyridine	ND < 353
n-Nitroso-dimethylamine	ND < 353
bis(2-Chloroethyl)ether	ND < 353
Phenol	ND < 353
Aniline	ND < 353
2-Chlorophenol	ND < 353
1,3-Dichlorobenzene	ND < 353
1,4-Dichlorobenzene	ND < 353
Benzyl Alcohol	ND < 353
1,2-Dichlorobenzene	ND < 353
bis(2-chloroisopropyl)ether	ND < 353
Hexachloroethane	ND < 353
N-Nitroso-di-n-propylamine	ND < 353
2-Methyl Phenol	ND < 353
3+4 Methyl Phenol	ND < 353
Nitrobenzene	ND < 353
Isophorone	ND < 353
2-Nitrophenol	ND < 353
2,4-Dimethylphenol	ND < 353
bis(2-Chloroethoxy)methane	ND < 353
Benzoic Acid	ND < 353

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 36 4ft
2,4-Dichlorophenol	ND < 353
1,2,4-Trichlorobenzene	ND < 353
Naphthalene	ND < 353
2,6-Dichlorophenol	ND < 353
4-Chloroaniline	ND < 353
Hexachlorobutadiene	ND < 353
4-Chloro-3-methylphenol	ND < 353
2-Methyl Naphthalene	ND < 353
Hexachlorocyclopentadiene	ND < 353
2,4,6-Trichlorophenol	ND < 353
2,4,5-Trichlorophenol	ND < 353
2-Chloronaphthalene	ND < 353
2-Nitroaniline	ND < 353
Acenaphthylene	620
Dimethylphthalate	ND < 353
2,6-Dinitrotoluene	ND < 353
4-Nitroaniline	ND < 353
Acenaphthene	ND < 353
2,4-Dinitrophenol	ND < 353
2,4-Dinitrotoluene	ND < 353
4-Nitrophenol	ND < 353
Dibenzofuran	ND < 353
2,3,4,6-Tetrachlorophenol	ND < 353
Fluorene	ND < 353
4-Chlorophenyl-phenylether	ND < 353
Diethylphthalate	ND < 353
3-Nitroaniline	ND < 353
4,6-Dinitro-2-methylphenol	ND < 353
n-Nitrosodiphenylamine	ND < 353
Azobenzene	ND < 353
4-Bromophenyl-phenylether	ND < 353
Hexachlorobenzene	ND < 353
Pentachlorophenol	ND < 353
Phenanthrene	2400
Anthracene	680
Carbazole	630
Di-n-butylphthalate	ND < 353
Fluoranthene	5200
Pyrene	4100
Butylbenzylphthalate	ND < 353
3,3-Dichlorobenzidine	ND < 353
Benzo[a]anthracene	2700
Chrysene	2500
bis(2-Ethylhexyl)phthalate	ND < 353
Di-n-octylphthalate	ND < 353

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 36 4ft
Benzo[b]fluoranthene	4700
Benzo[k]fluoranthene	2100
Benzo[a]pyrene	2800
Indeno[1,2,3-cd]pyrene	750
Dibenz[a,h]anthracene	ND < 353
Benzo[g,h,i]perylene	810
2-Fluorophenol (Surr) 30-130	61.4
Phenol-d5 (Surr) 30-130	65.7
Nitrobenzene-d5(Surr) 30-130	65.2
2-Fluorobiphenyl (Surr) 30-130	72.3
2,4,6-Tribromophenol (Surr) 30-130	76.8
Terphenyl-d14 (Surr) 30-130	49.3

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf 36 4ft
CET ID	AE67905
Date Analyzed	4/22/2011
Dilution	1.0
ETPH	790*
Octacosane (surr) 50-150	126

*C_{18} – C_{36} May be PNA related

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

CET #: 110404504

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

CHAIN OF CUSTODY RECORD

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 2-3 Days *, Std (5-7 Days)

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides, Herbicides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
CONF36C 4'	4/20/2011 - 1010	SOIL			3							X	X							X		X				

PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	4/21/11 0955	[signature]
[signature]	4/21/11 1400	

NOTES:
Also report to ceggers@geodesign.net

Client / Reporting Information

Company Name: GeoDesign, Inc.
Address: 984 Southford Road
City: Middlebury State: CT Zip: 06762
Report To: Tim Carr E-mail:
Phone #: 203-758-8836 x106 Fax #: 203-758-8842

Project Information

Project Contact: Tim Carr PO #: 3101-4.1
Project: Parcel C-South Project #: 3101-4.1
Location: Naugatuck Collector(s): CGE
QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 6.0 °C
SHEET 1 OF

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE67905 ***Sampling Date(s):*** 4/20/2011

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 11040504

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 4/29/11

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 11040504

Blank/LCS Report

QA Type: SPLP Metals Date Analyzed: 4/22/2011 Batch ID: 72598

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	100	80-120

All associated samples: AE67905

QA Type: Conn. Extractable TPH Date Analyzed: 4/22/2011 Batch ID: 72604

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	109	60-120

All associated samples: AE67905

QA Type: Total Metals Date Analyzed: 4/22/2011 Batch ID: 72612

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	106	80-120

All associated samples: AE67905

QA Type: Semi-Volatile Organics Date Analyzed: 4/25/2011 Batch ID: 72643

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	28 L	30-130
n-Nitroso-dimethylamine	ND<300	36 L	40-140
bis(2-Chloroethyl)ether	ND<300	47	40-140
Phenol	ND<300	46	30-130
Aniline	ND<300	66	30-130
2-Chlorophenol	ND<300	51	30-130
1,3-Dichlorobenzene	ND<300	43	40-140
1,4-Dichlorobenzene	ND<300	43	40-140
Benzyl Alcohol	ND<300	48	30-130
1,2-Dichlorobenzene	ND<300	42	40-140
bis(2-chloroisopropyl)ether	ND<300	40	40-140
Hexachloroethane	ND<300	46	40-140
N-Nitroso-di-n-propylamine	ND<300	43	40-140
2-Methyl Phenol	ND<300	42	30-130
3+4 Methyl Phenol	ND<300	45	30-130
Nitrobenzene	ND<300	46	40-140

Project: Parcel C South, Naugatuck
Cet#: 11040504

QA Type: Semi-Volatile Organics Date Analyzed: 4/25/2011 Batch ID: 72643

Analyte	Blank	LCS%Rec	LCS CL
Isophorone	ND<300	47	40-140
2-Nitrophenol	ND<300	54	30-130
2,4-Dimethylphenol	ND<300	40	30-130
bis(2-Chloroethoxy)methane	ND<300	52	40-140
2,4-Dichlorophenol	ND<300	53	30-130
1,2,4-Trichlorobenzene	ND<300	52	40-140
Naphthalene	ND<300	47	40-140
4-Chloroaniline	ND<300	45	30-130
Hexachlorobutadiene	ND<300	54	40-140
4-Chloro-3-methylphenol	ND<300	48	30-130
2-Methyl Naphthalene	ND<300	46	40-140
Hexachlorocyclopentadiene	ND<300	64	40-140
2,4,6-Trichlorophenol	ND<300	52	30-130
2,4,5-Trichlorophenol	ND<300	47	30-130
2-Chloronaphthalene	ND<300	46	30-130
2-Nitroaniline	ND<300	48	30-130
Acenaphthylene	ND<300	43	40-140
Dimethylphthalate	ND<300	52	40-140
2,6-Dinitrotoluene	ND<300	56	40-140
4-Nitroaniline	ND<300	47	30-130
Acenaphthene	ND<300	48	40-140
2,4-Dinitrophenol	ND<300	42	30-130
2,4-Dinitrotoluene	ND<300	56	40-140
4-Nitrophenol	ND<300	65	30-130
Dibenzofuran	ND<300	53	40-140
Fluorene	ND<300	49	40-140
4-Chlorophenyl-phenylether	ND<300	56	40-140
Diethylphthalate	ND<300	56	40-140
3-Nitroaniline	ND<300	60	30-130
4,6-Dinitro-2-methylphenol	ND<300	64	30-130
n-Nitrosodiphenylamine	ND<300	57	40-140
Azobenzene	ND<300	50	40-140
4-Bromophenyl-phenylether	ND<300	55	40-140
Hexachlorobenzene	ND<300	55	40-140
Pentachlorophenol	ND<300	59	30-130
Phenanthrene	ND<300	56	40-140
Anthracene	ND<300	56	40-140
Di-n-butylphthalate	ND<300	56	40-140
Fluoranthene	ND<300	62	40-140
Pyrene	ND<300	64	40-140
Butylbenzylphthalate	ND<300	55	40-140
Benzo[a]anthracene	ND<300	60	40-140
Chrysene	ND<300	62	40-140
bis(2-Ethylhexyl)phthalate	ND<300	57	40-140
Di-n-octylphthalate	ND<300	60	40-140
Benzo[b]fluoranthene	ND<300	62	40-140
Benzo[k]fluoranthene	ND<300	74	40-140
Benzo[a]pyrene	ND<300	64	40-140
Indeno[1,2,3-cd]pyrene	ND<300	63	40-140
Dibenz[a,h]anthracene	ND<300	61	40-140
Benzo[g,h,i]perylene	ND<300	62	40-140

All associated samples: AE67905

QC Batch Report

SPLP Metals Batch 72598

CET ID	Client Sample ID	Matrix	Collection Date
AE67905	Conf 36 4ft	Soil	4/20/2011

Conn. Extractable TPH Batch 72604

CET ID	Client Sample ID	Matrix	Collection Date
AE67905	Conf 36 4ft	Soil	4/20/2011

Total Metals Batch 72612

CET ID	Client Sample ID	Matrix	Collection Date
AE67905	Conf 36 4ft	Soil	4/20/2011

Semi-Volatile Organics Batch 72643

CET ID	Client Sample ID	Matrix	Collection Date
AE67905	Conf 36 4ft	Soil	4/20/2011

Narrative

4. Pyridine LCS recovery low (28%) for batch 72643.
   n-Nitroso-dimethylamine LCS recovery low (36%) for batch 72643.

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by the client.

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
LCS CL	Control limits for Laboratory Control Sample.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

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Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Tim Carr
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

CET # 11040437r

Report Date: April 26, 2011
Client Project: Parcel C, Naugatuck
Client Project #: 3101-004.01

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE67693	Conf 35 4ft	Soil	4/19/2011	7:45	04/19/2011

Sample temperature upon receipt was 11.3 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	Conf 35 4ft
CET ID	AE67693
Date Analyzed	4/20/2011

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	Conf 35 4ft
CET ID	AE67693
Date Analyzed	4/21/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	Conf 35 4ft
CET ID	AE67693
Date Analyzed	4/21/2011

SPLP, Metals [EPA 1312]

Client ID	Conf 35 4ft
CET ID	AE67693
Date Analyzed	4/20/2011

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Conf 35 4ft
CET ID	AE67693
Date Analyzed	4/21/2011
Total Solids	83

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	Conf 35 4ft
CET ID	AE67693
Date Analyzed	4/20/2011
Dilution	1.0
Lead	14

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	Conf 35 4ft
CET ID	AE67693
Date Analyzed	4/21/2011
Dilution	1.0
Lead	ND < 0.013

SPLP Metals by ICP/MS Dup [EPA 6020A] Units: mg/l

Client ID	Conf 35 4ft
CET ID	AE67693
Date Analyzed	4/21/2011
Dilution	1.0
Lead	ND < 0.013

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 35 4ft
CET ID	AE67693
Date Analyzed	4/22/2011
Dilution	1.0
Pyridine	ND < 121
n-Nitroso-dimethylamine	ND < 362
bis(2-Chloroethyl)ether	ND < 362
Phenol	ND < 362
Aniline	ND < 362
2-Chlorophenol	ND < 362
1,3-Dichlorobenzene	ND < 362
1,4-Dichlorobenzene	ND < 362
Benzyl Alcohol	ND < 362
1,2-Dichlorobenzene	ND < 362
bis(2-chloroisopropyl)ether	ND < 362
Hexachloroethane	ND < 362
N-Nitroso-di-n-propylamine	ND < 362
2-Methyl Phenol	ND < 362
3+4 Methyl Phenol	ND < 362
Nitrobenzene	ND < 362
Isophorone	ND < 362
2-Nitrophenol	ND < 362
2,4-Dimethylphenol	ND < 362
bis(2-Chloroethoxy)methane	ND < 362
Benzoic Acid	ND < 362
2,4-Dichlorophenol	ND < 362
1,2,4-Trichlorobenzene	ND < 362
Naphthalene	ND < 362
2,6-Dichlorophenol	ND < 362
4-Chloroaniline	ND < 362
Hexachlorobutadiene	ND < 362
4-Chloro-3-methylphenol	ND < 362
2-Methyl Naphthalene	ND < 362
Hexachlorocyclopentadiene	ND < 362
2,4,6-Trichlorophenol	ND < 362
2,4,5-Trichlorophenol	ND < 362
2-Chloronaphthalene	ND < 362

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 35 4ft
2-Nitroaniline	ND < 362
Acenaphthylene	ND < 362
Dimethylphthalate	ND < 362
2,6-Dinitrotoluene	ND < 362
4-Nitroaniline	ND < 362
Acenaphthene	ND < 362
2,4-Dinitrophenol	ND < 362
2,4-Dinitrotoluene	ND < 362
4-Nitrophenol	ND < 362
Dibenzofuran	ND < 362
2,3,4,6-Tetrachlorophenol	ND < 362
Fluorene	ND < 362
4-Chlorophenyl-phenylether	ND < 362
Diethylphthalate	ND < 362
3-Nitroaniline	ND < 362
4,6-Dinitro-2-methylphenol	ND < 362
n-Nitrosodiphenylamine	ND < 362
Azobenzene	ND < 362
4-Bromophenyl-phenylether	ND < 362
Hexachlorobenzene	ND < 362
Pentachlorophenol	ND < 362
Phenanthrene	ND < 362
Anthracene	ND < 362
Carbazole	ND < 362
Di-n-butylphthalate	ND < 362
Fluoranthene	ND < 362
Pyrene	ND < 362
Butylbenzylphthalate	ND < 362
3,3-Dichlorobenzidine	ND < 362
Benzo[a]anthracene	ND < 362
Chrysene	ND < 362
bis(2-Ethylhexyl)phthalate	ND < 362
Di-n-octylphthalate	ND < 362
Benzo[b]fluoranthene	ND < 362
Benzo[k]fluoranthene	ND < 362
Benzo[a]pyrene	ND < 362
Indeno[1,2,3-cd]pyrene	ND < 362
Dibenz[a,h]anthracene	ND < 362
Benzo[g,h,i]perylene	ND < 362
2-Fluorophenol (Surr) 30-130	74.1
Phenol-d5 (Surr) 30-130	81.1
Nitrobenzene-d5(Surr) 30-130	62.4
2-Fluorobiphenyl (Surr) 30-130	61.5
2,4,6-Tribromophenol (Surr) 30-130	64.7
Terphenyl-d14 (Surr) 30-130	47.3

Semi-Vol. Dup Result [EPA 8270D] Units: ug/kg

Client ID	Conf 35 4ft
CET ID	AE67693
Date Analyzed	4/22/2011
Dilution	1.0
Pyridine	ND < 121
n-Nitroso-dimethylamine	ND < 362
bis(2-Chloroethyl)ether	ND < 362
Phenol	ND < 362
Aniline	ND < 362
2-Chlorophenol	ND < 362
1,3-Dichlorobenzene	ND < 362
1,4-Dichlorobenzene	ND < 362
Benzyl Alcohol	ND < 362
1,2-Dichlorobenzene	ND < 362
bis(2-chloroisopropyl)ether	ND < 362
Hexachloroethane	ND < 362
N-Nitroso-di-n-propylamine	ND < 362
2-Methyl Phenol	ND < 362
3+4 Methyl Phenol	ND < 362
Nitrobenzene	ND < 362
Isophorone	ND < 362
2-Nitrophenol	ND < 362
2,4-Dimethylphenol	ND < 362
bis(2-Chloroethoxy)methane	ND < 362
Benzoic Acid	ND < 362
2,4-Dichlorophenol	ND < 362
1,2,4-Trichlorobenzene	ND < 362
Naphthalene	ND < 362
2,6-Dichlorophenol	ND < 362
4-Chloroaniline	ND < 362
Hexachlorobutadiene	ND < 362
4-Chloro-3-methylphenol	ND < 362
2-Methyl Naphthalene	ND < 362
Hexachlorocyclopentadiene	ND < 362
2,4,6-Trichlorophenol	ND < 362
2,4,5-Trichlorophenol	ND < 362
2-Chloronaphthalene	ND < 362
2-Nitroaniline	ND < 362
Acenaphthylene	ND < 362
Dimethylphthalate	ND < 362
2,6-Dinitrotoluene	ND < 362
4-Nitroaniline	ND < 362
Acenaphthene	ND < 362
2,4-Dinitrophenol	ND < 362
2,4-Dinitrotoluene	ND < 362
4-Nitrophenol	ND < 362
Dibenzofuran	ND < 362
2,3,4,6-Tetrachlorophenol	ND < 362
Fluorene	ND < 362
4-Chlorophenyl-phenylether	ND < 362
Diethylphthalate	ND < 362
3-Nitroaniline	ND < 362
4,6-Dinitro-2-methylphenol	ND < 362
n-Nitrosodiphenylamine	ND < 362

Semi-Vol. Dup Result [EPA 8270D] Units: ug/kg

Client ID	Conf 35 4ft
Azobenzene	ND < 362
4-Bromophenyl-phenylether	ND < 362
Hexachlorobenzene	ND < 362
Pentachlorophenol	ND < 362
Phenanthrene	ND < 362
Anthracene	ND < 362
Carbazole	ND < 362
Di-n-butylphthalate	ND < 362
Fluoranthene	ND < 362
Pyrene	ND < 362
Butylbenzylphthalate	ND < 362
3,3-Dichlorobenzidine	ND < 362
Benzo[a]anthracene	ND < 362
Chrysene	ND < 362
bis(2-Ethylhexyl)phthalate	ND < 362
Di-n-octylphthalate	ND < 362
Benzo[b]fluoranthene	ND < 362
Benzo[k]fluoranthene	ND < 362
Benzo[a]pyrene	ND < 362
Indeno[1,2,3-cd]pyrene	ND < 362
Dibenz[a,h]anthracene	ND < 362
Benzo[g,h,i]perylene	ND < 362
2-Fluorophenol (Surr) 30-130	66.4
Phenol-d5 (Surr) 30-130	72.6
Nitrobenzene-d5(Surr) 30-130	58.6
2-Fluorobiphenyl (Surr) 30-130	55.8
2,4,6-Tribromophenol (Surr) 30-130	58.3
Terphenyl-d14 (Surr) 30-130	42.7

Conn. Extractable TPH Dup [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf 35 4ft
CET ID	AE67693
Date Analyzed	4/21/2011
Dilution	1.0
ETPH	ND < 61
Octacosane (surr)	98.9

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf 35 4ft
CET ID	AE67693
Date Analyzed	4/21/2011
Dilution	1.0
ETPH	ND < 61
Octacosane (surr) 50-150	101

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Revision: Original report dated 4/25/11; Analysis for full CT 8270 list added as requested on the chain of custody.

CET # 11040437

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

CHAIN OF CUSTODY RECORD

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
CONF 35@4'	4/19/11 745	Soil			3							X	X							Y		X				1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	4-19-11 1225	[signature]
[signature]	4-19-11 1730	[signature]

NOTES: Please also send results to Mr. Chris Eggers (ceggers@geodesign.net)

Client / Reporting Information

Company Name: GeoDesign, Inc.
Address: 984 Southford Road
City: Middlebury State: CT Zip: 06762
Report To: Tim Carr E-mail: Tim@geodesign.net
Phone #: 203 758-8836 x106 Fax #: 203-758-8842

Project Information

Project Contact: Tim Carr PO #: 3101-004.01
Project: Parcel C Project #: 3101-004.01
Location: Naugatuck Collector(s): ~~GJM~~ RPJ/CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 1.3 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C, Naugatuck ***Project Number:*** 3101-004.01

Laboratory Sample ID(s): AE67693 ***Sampling Date(s):*** 4/19/2011

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 11040437

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☐Yes ☒ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☒Yes ☐No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 4/29/11

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C, Naugatuck
CET#: 11040437

Blank/LCS Report

QA Type: Total Metals Date Analyzed: 4/20/2011 Batch ID: 72553

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	106	80-120

All associated samples: AE67693

QA Type: Conn. Extractable TPH Date Analyzed: 4/21/2011 Batch ID: 72566

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	107	60-120

All associated samples: AE67693

QA Type: SPLP Metals Date Analyzed: 4/21/2011 Batch ID: 72585

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	104	80-120

All associated samples: AE67693

QA Type: Semi-Volatile Organics Date Analyzed: 4/22/2011 Batch ID: 72591

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	33	30-130
n-Nitroso-dimethylamine	ND<300	47	40-140
bis(2-Chloroethyl)ether	ND<300	49	40-140
Phenol	ND<300	61	30-130
Aniline	ND<300	51	30-130
2-Chlorophenol	ND<300	53	30-130
1,3-Dichlorobenzene	ND<300	44	40-140
1,4-Dichlorobenzene	ND<300	44	40-140
Benzyl Alcohol	ND<300	29 L	30-130
1,2-Dichlorobenzene	ND<300	46	40-140
bis(2-chloroisopropyl)ether	ND<300	59	40-140
Hexachloroethane	ND<300	37 L	40-140
N-Nitroso-di-n-propylamine	ND<300	59	40-140
2-Methyl Phenol	ND<300	56	30-130
3+4 Methyl Phenol	ND<300	56	30-130
Nitrobenzene	ND<300	52	40-140

Project: Parcel C, Naugatuck
Cet#: 11040437

QA Type: Semi-Volatile Organics Date Analyzed: 4/22/2011 Batch ID: 72591

Analyte	Blank	LCS%Rec	LCS CL
Isophorone	ND<300	51	40-140
2-Nitrophenol	ND<300	48	30-130
2,4-Dimethylphenol	ND<300	45	30-130
bis(2-Chloroethoxy)methane	ND<300	52	40-140
2,4-Dichlorophenol	ND<300	49	30-130
1,2,4-Trichlorobenzene	ND<300	47	40-140
Naphthalene	ND<300	48	40-140
4-Chloroaniline	ND<300	57	30-130
Hexachlorobutadiene	ND<300	44	40-140
4-Chloro-3-methylphenol	ND<300	57	30-130
2-Methyl Naphthalene	ND<300	55	40-140
Hexachlorocyclopentadiene	ND<300	29 L	40-140
2,4,6-Trichlorophenol	ND<300	47	30-130
2,4,5-Trichlorophenol	ND<300	49	30-130
2-Chloronaphthalene	ND<300	52	30-130
2-Nitroaniline	ND<300	56	30-130
Acenaphthylene	ND<300	49	40-140
Dimethylphthalate	ND<300	51	40-140
2,6-Dinitrotoluene	ND<300	50	40-140
4-Nitroaniline	ND<300	85	30-130
Acenaphthene	ND<300	53	40-140
2,4-Dinitrophenol	ND<300	12 L	30-130
2,4-Dinitrotoluene	ND<300	51	40-140
4-Nitrophenol	ND<300	63	30-130
Dibenzofuran	ND<300	54	40-140
Fluorene	ND<300	51	40-140
4-Chlorophenyl-phenylether	ND<300	51	40-140
Diethylphthalate	ND<300	54	40-140
3-Nitroaniline	ND<300	70	30-130
4,6-Dinitro-2-methylphenol	ND<300	20 L	30-130
n-Nitrosodiphenylamine	ND<300	64	40-140
Azobenzene	ND<300	61	40-140
4-Bromophenyl-phenylether	ND<300	54	40-140
Hexachlorobenzene	ND<300	56	40-140
Pentachlorophenol	ND<300	51	30-130
Phenanthrene	ND<300	56	40-140
Anthracene	ND<300	58	40-140
Di-n-butylphthalate	ND<300	61	40-140
Fluoranthene	ND<300	58	40-140
Pyrene	ND<300	58	40-140
Butylbenzylphthalate	ND<300	60	40-140
Benzo[a]anthracene	ND<300	60	40-140
Chrysene	ND<300	59	40-140
bis(2-Ethylhexyl)phthalate	ND<300	61	40-140
Di-n-octylphthalate	ND<300	60	40-140
Benzo[b]fluoranthene	ND<300	62	40-140
Benzo[k]fluoranthene	ND<300	75	40-140
Benzo[a]pyrene	ND<300	70	40-140
Indeno[1,2,3-cd]pyrene	ND<300	69	40-140
Dibenz[a,h]anthracene	ND<300	69	40-140
Benzo[g,h,i]perylene	ND<300	65	40-140

All associated samples: AE67693

Project: Parcel C, Naugatuck
Cet#: 11040437

Matrix Spike Report

QA Type: Conn. Extractable TPH Date Analyzed: 4/22/2011 Sample ID: AE67693 Client ID: Conf 35 4ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	ND<61	1810	114	113	50-150	0.88	30

QA Type: SPLP Metals Date Analyzed: 4/21/2011 Sample ID: AE67693 Client ID: Conf 35 4ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.2	96	98	75-125	1.55	20

QA Type: Semi-Volatile Organics Date Analyzed: 4/22/2011 Sample ID: AE67693 Client ID: Conf 35 4ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Pyridine	ND<121	4800	38	58	30-130	43.00 H	30
n-Nitroso-dimethylamine	ND<362	4800	65	71	40-140	9.00	30
bis(2-Chloroethyl)ether	ND<362	4800	65	73	40-140	12.00	30
Phenol	ND<362	4800	71	77	30-130	9.00	30
Aniline	ND<362	4800	60	67	30-130	10.00	30
2-Chlorophenol	ND<362	4800	67	75	30-130	12.00	30
1,3-Dichlorobenzene	ND<362	4800	58	65	40-140	10.00	30
1,4-Dichlorobenzene	ND<362	4800	58	65	40-140	10.00	30
Benzyl Alcohol	ND<362	4800	44	46	30-130	4.00	30
1,2-Dichlorobenzene	ND<362	4800	60	67	40-140	10.00	30
bis(2-chloroisopropyl)ether	ND<362	4800	77	85	40-140	10.00	30
Hexachloroethane	ND<362	4800	52	58	40-140	11.00	30
N-Nitroso-di-n-propylamine	ND<362	4800	75	83	40-140	10.00	30
2-Methyl Phenol	ND<362	4800	67	75	30-130	12.00	30
3+4 Methyl Phenol	ND<362	4800	69	75	30-130	9.00	30
Nitrobenzene	ND<362	4800	65	71	40-140	9.00	30
Isophorone	ND<362	4800	62	69	40-140	10.00	30
2-Nitrophenol	ND<362	4800	60	67	30-130	10.00	30
2,4-Dimethylphenol	ND<362	4800	56	60	30-130	7.00	30
bis(2-Chloroethoxy)methane	ND<362	4800	65	71	40-140	9.00	30
2,4-Dichlorophenol	ND<362	4800	60	65	30-130	7.00	30
1,2,4-Trichlorobenzene	ND<362	4800	58	67	40-140	13.00	30
Naphthalene	ND<362	4800	60	67	40-140	10.00	30
4-Chloroaniline	ND<362	4800	62	69	30-130	10.00	30
Hexachlorobutadiene	ND<362	4800	56	62	40-140	11.00	30
4-Chloro-3-methylphenol	ND<362	4800	69	75	30-130	9.00	30
2-Methyl Naphthalene	ND<362	4800	69	75	40-140	9.00	30
Hexachlorocyclopentadiene	ND<362	4800	44	48	40-140	9.00	30
2,4,6-Trichlorophenol	ND<362	4800	56	62	30-130	11.00	30
2,4,5-Trichlorophenol	ND<362	4800	65	67	30-130	3.00	30
2-Chloronaphthalene	ND<362	4800	69	69	40-140	0.00	30
2-Nitroaniline	ND<362	4800	67	73	30-130	9.00	30
Acenaphthylene	ND<362	4800	58	65	40-140	10.00	30
Dimethylphthalate	ND<362	4800	58	65	40-140	10.00	30
2,6-Dinitrotoluene	ND<362	4800	62	67	40-140	7.00	30
4-Nitroaniline	ND<362	4800	98	108	30-130	10.00	30

Project: Parcel C, Naugatuck
Cet#: 11040437

QA Type: Semi-Volatile Organics Date Analyzed: 4/22/2011 Sample ID: AE67693 Client ID: Conf 35 4ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Acenaphthene	ND<362	4800	62	69	40-140	10.00	30
2,4-Dinitrophenol	ND<362	4800	16 L	12 L	30-130	30.00	30
2,4-Dinitrotoluene	ND<362	4800	58	65	40-140	10.00	30
4-Nitrophenol	ND<362	4800	62	79	30-130	24.00	30
Dibenzofuran	ND<362	4800	65	71	40-140	9.00	30
Fluorene	ND<362	4800	60	67	40-140	10.00	30
4-Chlorophenyl-phenylether	ND<362	4800	60	67	40-140	10.00	30
Diethylphthalate	ND<362	4800	62	69	40-140	10.00	30
3-Nitroaniline	ND<362	4800	77	85	30-130	10.00	30
4,6-Dinitro-2-methylphenol	ND<362	4800	25 L	25 L	30-130	0.00	30
n-Nitrosodiphenylamine	ND<362	4800	73	81	40-140	11.00	30
Azobenzene	ND<362	4800	75	83	40-140	10.00	30
4-Bromophenyl-phenylether	ND<362	4800	62	69	40-140	10.00	30
Hexachlorobenzene	ND<362	4800	65	71	40-140	9.00	30
Pentachlorophenol	ND<362	4800	60	69	30-130	13.00	30
Phenanthrene	ND<362	4800	65	71	40-140	9.00	30
Anthracene	ND<362	4800	65	71	40-140	9.00	30
Di-n-butylphthalate	ND<362	4800	67	73	40-140	9.00	30
Fluoranthene	ND<362	4800	65	71	40-140	9.00	30
Pyrene	ND<362	4800	65	71	40-140	9.00	30
Butylbenzylphthalate	ND<362	4800	67	73	40-140	9.00	30
Benzo[a]anthracene	ND<362	4800	67	73	40-140	9.00	30
Chrysene	ND<362	4800	65	71	40-140	9.00	30
bis(2-Ethylhexyl)phthalate	ND<362	4800	67	73	40-140	9.00	30
Di-n-octylphthalate	ND<362	4800	67	73	40-140	9.00	30
Benzo[b]fluoranthene	ND<362	4800	71	77	40-140	9.00	30
Benzo[k]fluoranthene	ND<362	4800	79	88	40-140	10.00	30
Benzo[a]pyrene	ND<362	4800	77	85	40-140	10.00	30
Indeno[1,2,3-cd]pyrene	ND<362	4800	77	85	40-140	10.00	30
Dibenz[a,h]anthracene	ND<362	4800	79	85	40-140	8.00	30
Benzo[g,h,i]perylene	ND<362	4800	73	79	40-140	8.00	30

ND is not detected

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
Hexachlorocyclopentadiene	72591	27 L	35-65	4/22/2011
2,4-Dinitrophenol	72591	19 L	35-65	4/22/2011
4,6-Dinitro-2-methylphenol	72591	22 L	35-65	4/22/2011

All associated samples: AE67693

QC Batch Report

Total Metals Batch 72553

CET ID	Client Sample ID	Matrix	Collection Date
AE67693	Conf 35 4ft	Soil	4/19/2011

Conn. Extractable TPH Batch 72566

CET ID	Client Sample ID	Matrix	Collection Date
AE67693	Conf 35 4ft	Soil	4/19/2011

SPLP Metals Batch 72585

CET ID	Client Sample ID	Matrix	Collection Date
AE67693	Conf 35 4ft	Soil	4/19/2011

Semi-Volatile Organics Batch 72591

CET ID	Client Sample ID	Matrix	Collection Date
AE67693	Conf 35 4ft	Soil	4/19/2011

Narrative

3. The samples were not received at appropriate temperature the temperature was 11.3 degrees and there was no evidence of cooling.

4. Benzyl Alcohol LCS recovery low (29%) for batch 72591.
   Hexachloroethane LCS recovery low (37%) for batch 72591.
   Hexachlorocyclopentadiene LCS recovery low (29%) for batch 72591.
   2,4-Dinitrophenol LCS recovery low (12%) for batch 72591.
   4,6-Dinitro-2-methylphenol LCS recovery low (20%) for batch 72591.
   Pyridine matrix spike RPD high (43.00%) for sample AE67693.
   2,4-Dinitrophenol matrix spike recovery low (16%) for sample AE67693.
   2,4-Dinitrophenol matrix spike dup recovery low (12%) for sample AE67693.
   4,6-Dinitro-2-methylphenol matrix spike recovery low (25%) for sample AE67693.
   4,6-Dinitro-2-methylphenol matrix spike dup recovery low (25%) for sample AE67693.
   Hexachlorocyclopentadiene CC low for batch 72591.
   2,4-Dinitrophenol CC low for batch 72591.
   4,6-Dinitro-2-methylphenol CC low for batch 72591.

6. The client requested a subset of the RCP metals list.

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
LCS CL	Control limits for Laboratory Control Sample.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

RECEIVED
MAY 04 2010
GeoDesign, Inc.

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

CET # 10040510

Conf 1 5ft
Conf 2 5.5'
Conf 3 5.5'
Conf 4 6'
Eastwadly 1 5ft'
Conf 5 6'

Report Date: April 26, 2010
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date
AE37233	Conf1 5ft	Soil	4/21/2010
AE37234	Conf2 5.5ft	Soil	4/21/2010
AE37235	Conf3 5.5ft	Soil	4/21/2010
AE37236	Conf4 6ft	Soil	4/21/2010
AE37237	Eastway 1 5ft	Soil	4/21/2010
AE37238	Conf5 6ft	Soil	4/21/2010

Sample temperature upon receipt was 6 degrees C

PREP ANALYSIS:

Accelerated Solvent Ext. SVOC [EPA 3545]

Client ID	Conf1 5ft	Conf2 5.5ft	Conf3 5.5ft	Conf4 6ft	Eastway 1 5ft
CET ID	AE37233	AE37234	AE37235	AE37236	AE37237
Date Analyzed	4/23/2010	4/23/2010	4/23/2010	4/23/2010	4/23/2010

Accelerated Solvent Ext. SVOC [EPA 3545]

Client ID	Conf5 6ft
CET ID	AE37238
Date Analyzed	4/23/2010

Ultrasonic Extraction-ETPH [EPA 3550B]

Client ID	Conf1 5ft	Conf2 5.5ft	Conf3 5.5ft	Conf4 6ft	Eastway 1 5ft
CET ID	AE37233	AE37234	AE37235	AE37236	AE37237
Date Analyzed	4/23/2010	4/23/2010	4/23/2010	4/23/2010	4/23/2010

Ultrasonic Extraction-ETPH [EPA 3550B]

Client ID	Conf5 6ft
CET ID	AE37238
Date Analyzed	4/23/2010

SPLP, Metals [EPA 1312]

Client ID	Conf1 5ft	Conf2 5.5ft	Conf3 5.5ft	Conf4 6ft	Eastway 1 5ft
CET ID	AE37233	AE37234	AE37235	AE37236	AE37237
Date Analyzed	4/22/2010	4/22/2010	4/22/2010	4/22/2010	4/22/2010

SPLP, Metals [EPA 1312]

Client ID	Conf5 6ft
CET ID	AE37238
Date Analyzed	4/22/2010

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Conf1 5ft	Conf2 5.5ft	Conf3 5.5ft	Conf4 6ft	Eastway 1 5ft
CET ID	AE37233	AE37234	AE37235	AE37236	AE37237
Date Analyzed	4/26/2010	4/26/2010	4/26/2010	4/26/2010	4/26/2010
Total Solids	91	88	88	88	91

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Conf5 6ft
CET ID	AE37238
Date Analyzed	4/26/2010
Total Solids	93

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	Conf1 5ft	Conf2 5.5ft	Conf3 5.5ft	Conf4 6ft	Eastway 1 5ft
CET ID	AE37233	AE37234	AE37235	AE37236	AE37237
Date Analyzed	4/23/2010	4/23/2010	4/23/2010	4/23/2010	4/23/2010
Dilution	1.0	1.0	1.0	1.0	1.0
Lead	0.21	ND < 0.013	0.044	0.099	0.069

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	Conf5 6ft
CET ID	AE37238
Date Analyzed	4/23/2010
Dilution	1.0
Lead	0.067

SPLP Metals by ICP/MS Dup [EPA 6020A] Units: mg/l

Client ID	Conf1 5ft
CET ID	AE37233
Date Analyzed	4/23/2010
Dilution	1.0
Lead	0.21

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	Conf1 5ft	Conf2 5.5ft	Conf3 5.5ft	Conf4 6ft	Eastway 1 5ft
CET ID	AE37233	AE37234	AE37235	AE37236	AE37237
Date Analyzed	4/23/2010	4/23/2010	4/26/2010	4/26/2010	4/26/2010
Dilution	1.0	1.0	1.0	1.0	1.0
Pyridine	ND < 330	ND < 341	840	ND < 341	ND < 330
n-Nitroso-dimethylamine	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
bis(2-Chloroethyl)ether	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Phenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Aniline	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2-Chlorophenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
1,3-Dichlorobenzene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
1,4-Dichlorobenzene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Benzyl Alcohol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
1,2-Dichlorobenzene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
bis(2-chloroisopropyl)ether	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Hexachloroethane	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
N-Nitroso-di-n-propylamine	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2-Methyl Phenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
3+4 Methyl Phenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Nitrobenzene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Isophorone	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2-Nitrophenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2,4-Dimethylphenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
bis(2-Chloroethoxy)methane	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Benzoic Acid	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2,4-Dichlorophenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
1,2,4-Trichlorobenzene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Naphthalene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2,6-Dichlorophenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
4-Chloroaniline	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Hexachlorobutadiene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
4-Chloro-3-methylphenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2-Methyl Naphthalene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Hexachlorocyclopentadiene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2,4,6-Trichlorophenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2,4,5-Trichlorophenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2-Chloronaphthalene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2-Nitroaniline	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Acenaphthylene	ND < 330	ND < 341	1100	ND < 341	ND < 330
Dimethylphthalate	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2,6-Dinitrotoluene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
4-Nitroaniline	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Acenaphthene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2,4-Dinitrophenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2,4-Dinitrotoluene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
4-Nitrophenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Dibenzofuran	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
2,3,4,6-Tetrachlorophenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Fluorene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
4-Chlorophenyl-phenylether	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Diethylphthalate	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
3-Nitroaniline	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
4,6-Dinitro-2-methylphenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	Conf1 5ft	Conf2 5.5ft	Conf3 5.5ft	Conf4 6ft	Eastway 1 5ft
n-Nitrosodiphenylamine	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Azobenzene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
4-Bromophenyl-phenylether	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Hexachlorobenzene	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Pentachlorophenol	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Phenanthrene	ND < 330	ND < 341	2900	840	890
Anthracene	ND < 330	ND < 341	1300	ND < 341	ND < 330
Carbazole	ND < 330	ND < 341	500	ND < 341	ND < 330
Di-n-butylphthalate	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Fluoranthene	ND < 330	430	11000	1300	2100
Pyrene	ND < 330	400	10000	1100	1900
Butylbenzylphthalate	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
3,3-Dichlorobenzidine	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Benzo[a]anthracene	ND < 330	ND < 341	7300	630	1100
Chrysene	ND < 330	ND < 341	6300	680	1100
bis(2-Ethylhexyl)phthalate	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Di-n-octylphthalate	ND < 330	ND < 341	ND < 341	ND < 341	ND < 330
Benzo[b]fluoranthene	ND < 330	ND < 341	7000	720	1100
Benzo[k]fluoranthene	ND < 330	ND < 341	3200	350	500
Benzo[a]pyrene	ND < 330	ND < 341	6600	680	1000
Indeno[1,2,3-cd]pyrene	ND < 330	ND < 341	4200	490	680
Dibenz[a,h]anthracene	ND < 330	ND < 341	1300	ND < 341	ND < 330
Benzo[g,h,i]perylene	ND < 330	ND < 341	4100	550	740
2-Fluorophenol (Surr) 30-130	72.2	38.7	68.7	62.4	70
Phenol-d5 (Surr) -	84.6	44.2	81.4	79.5	86
Nitrobenzene-d5(Surr) 30-130	71.6	36.6	69.8	70.1	73.7
2-Fluorobiphenyl (Surr) 30-130	85.6	44.5	82.6	83.1	87.4
2,4,6-Tribromophenol (Surr) 30-130	81.6	42.7	79.2	78.4	79.1
Terphenyl-d14 (Surr) 30-130	80.4	41.2	76.1	77.7	80.1

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	Conf5 6ft
CET ID	AE37238
Date Analyzed	4/26/2010
Dilution	1.0
Pyridine	ND < 323
n-Nitroso-dimethylamine	ND < 323
bis(2-Chloroethyl)ether	ND < 323
Phenol	ND < 323
Aniline	ND < 323
2-Chlorophenol	ND < 323
1,3-Dichlorobenzene	ND < 323
1,4-Dichlorobenzene	ND < 323
Benzyl Alcohol	ND < 323
1,2-Dichlorobenzene	ND < 323
bis(2-chloroisopropyl)ether	ND < 323
Hexachloroethane	ND < 323
N-Nitroso-di-n-propylamine	ND < 323
2-Methyl Phenol	ND < 323

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	Conf5 6ft
3+4 Methyl Phenol	ND < 323
Nitrobenzene	ND < 323
Isophorone	ND < 323
2-Nitrophenol	ND < 323
2,4-Dimethylphenol	ND < 323
bis(2-Chloroethoxy)methane	ND < 323
Benzoic Acid	ND < 323
2,4-Dichlorophenol	ND < 323
1,2,4-Trichlorobenzene	ND < 323
Naphthalene	ND < 323
2,6-Dichlorophenol	ND < 323
4-Chloroaniline	ND < 323
Hexachlorobutadiene	ND < 323
4-Chloro-3-methylphenol	ND < 323
2-Methyl Naphthalene	ND < 323
Hexachlorocyclopentadiene	ND < 323
2,4,6-Trichlorophenol	ND < 323
2,4,5-Trichlorophenol	ND < 323
2-Chloronaphthalene	ND < 323
2-Nitroaniline	ND < 323
Acenaphthylene	ND < 323
Dimethylphthalate	ND < 323
2,6-Dinitrotoluene	ND < 323
4-Nitroaniline	ND < 323
Acenaphthene	ND < 323
2,4-Dinitrophenol	ND < 323
2,4-Dinitrotoluene	ND < 323
4-Nitrophenol	ND < 323
Dibenzofuran	ND < 323
2,3,4,6-Tetrachlorophenol	ND < 323
Fluorene	ND < 323
4-Chlorophenyl-phenylether	ND < 323
Diethylphthalate	ND < 323
3-Nitroaniline	ND < 323
4,6-Dinitro-2-methylphenol	ND < 323
n-Nitrosodiphenylamine	ND < 323
Azobenzene	ND < 323
4-Bromophenyl-phenylether	ND < 323
Hexachlorobenzene	ND < 323
Pentachlorophenol	ND < 323
Phenanthrene	460
Anthracene	ND < 323
Carbazole	ND < 323
Di-n-butylphthalate	ND < 323
Fluoranthene	1100
Pyrene	950
Butylbenzylphthalate	ND < 323
3,3-Dichlorobenzidine	ND < 323
Benzo[a]anthracene	590
Chrysene	590
bis(2-Ethylhexyl)phthalate	ND < 323
Di-n-octylphthalate	ND < 323

EPA 8270C Semi-Volatile Organics [EPA 8270C] Units: ug/kg (Dry Wt)

Client ID	Conf5 6ft
Benzo[b]fluoranthene	650
Benzo[k]fluoranthene	ND < 323
Benzo[a]pyrene	610
Indeno[1,2,3-cd]pyrene	460
Dibenz[a,h]anthracene	ND < 323
Benzo[g,h,i]perylene	500
2-Fluorophenol (Surr) 30-130	72.2
Phenol-d5 (Surr) -	79.7
Nitrobenzene-d5(Surr) 30-130	69.3
2-Fluorobiphenyl (Surr) 30-130	81.4
2,4,6-Tribromophenol (Surr) 30-130	75.1
Terphenyl-d14 (Surr) 30-130	74.9

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf1 5ft	Conf2 5.5ft	Conf3 5.5ft	Conf4 6ft	Eastway 1 5ft
CET ID	AE37233	AE37234	AE37235	AE37236	AE37237
Date Analyzed	4/23/2010	4/23/2010	4/23/2010	4/23/2010	4/23/2010
Dilution	1.0	1.0	1.0	1.0	1.0
ETPH	ND < 55	ND < 57	ND < 57	ND < 57	ND < 55
Octacosane (surr) 50-150	109	105	110	113	109

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf5 6ft
CET ID	AE37238
Date Analyzed	4/23/2010
Dilution	1.0
ETPH	ND < 54
Octacosane (surr) 50-150	112

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.

Sincerely,

David Ditta
Laboratory Director

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day | 24 Hours | 2-3 Days | Standard

Organics: 8260 CT List | 8260 Aromatics | 8260 Halogens | SPLP 8260 | TCLP 8260 | TPH (418.1) | CT ETPH | 8270 CT List | 8270 PNAs | PCBs | Pesticides

Metals (check all that apply): 13 Priority Poll | 8 RCRA | TOTAL | TCLP | SPLP LEAD | Field Filtered | Lab To Filter

Additional Analysis | TOTAL # OF CONT. | NOTE #

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
Conf 1 @ 5.0'	4/21/10 139	S			X								X	X								X				
Conf 2 @ 5.5'	145				X								X	X								X				
Conf 3 @ 5.5'	200				X								X	X								X				
Conf 4 @ 6.0'	249				X								X	X								X				
East Wall 1 @ 5.0'	252				X								X	X								X				
Conf 5 @ 6.0'	4/21/10 330				X								X	X								X				

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Gerald Mishe	4/22/10 1110	[illegible]
[illegible]	4/22/10 1315	[illegible]

NOTES: Please have Results Ready and sent to contacts below for ~~Sample~~ Monday.

Client / Reporting Information

Company Name: Geo Design, Inc

Address: 984 Southford Road

City: Middlebury State: CT Zip: 06762

Report To: AKovalik@geodesign.net or PGAN@geodesign.net

E-mail:

Phone #: 203-758-8836 x113 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1

Project: Parcel C-South Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 6.0 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE37233-AE37238 ***Sampling Date(s):*** 4/21/2010

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 10040510

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☒Yes ☐No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 4/28/10

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 10040510

Blank/LCS Report

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 4/23/2010 Batch ID: 66484

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	46	30-130
n-Nitroso-dimethylamine	ND<300	65	40-140
bis(2-Chloroethyl)ether	ND<300	72	40-140
Phenol	ND<300	78	30-130
Aniline	ND<300	69	30-130
2-Chlorophenol	ND<300	73	30-130
1,3-Dichlorobenzene	ND<300	65	40-140
1,4-Dichlorobenzene	ND<300	66	40-140
Benzyl Alcohol	ND<300	70	30-130
1,2-Dichlorobenzene	ND<300	68	40-140
bis(2-chloroisopropyl)ether	ND<300	75	40-140
Hexachloroethane	ND<300	68	40-140
N-Nitroso-di-n-propylamine	ND<300	79	40-140
2-Methyl Phenol	ND<300	76	30-130
3+4 Methyl Phenol	ND<300	76	30-130
Nitrobenzene	ND<300	76	40-140
Isophorone	ND<300	78	40-140
2-Nitrophenol	ND<300	75	30-130
2,4-Dimethylphenol	ND<300	69	30-130
bis(2-Chloroethoxy)methane	ND<300	78	40-140
2,4-Dichlorophenol	ND<300	78	30-130
1,2,4-Trichlorobenzene	ND<300	73	40-140
Naphthalene	ND<300	73	40-140
4-Chloroaniline	ND<300	76	30-130
Hexachlorobutadiene	ND<300	71	40-140
4-Chloro-3-methylphenol	ND<300	83	30-130
2-Methyl Naphthalene	ND<300	78	40-140
Hexachlorocyclopentadiene	ND<300	89	40-140
2,4,6-Trichlorophenol	ND<300	78	30-130
2,4,5-Trichlorophenol	ND<300	83	30-130
2-Chloronaphthalene	ND<300	83	30-130
2-Nitroaniline	ND<300	84	30-130
Acenaphthylene	ND<300	78	40-140

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 4/23/2010 Batch ID: 66484

Analyte	Blank	LCS%Rec	LCS CL
Dimethylphthalate	ND<300	85	40-140
2,6-Dinitrotoluene	ND<300	82	40-140
4-Nitroaniline	ND<300	93	30-130
Acenaphthene	ND<300	80	40-140
2,4-Dinitrophenol	ND<300	70	30-130
2,4-Dinitrotoluene	ND<300	85	40-140
4-Nitrophenol	ND<300	88	30-130
Dibenzofuran	ND<300	84	40-140
Fluorene	ND<300	82	40-140
4-Chlorophenyl-phenylether	ND<300	83	40-140
Diethylphthalate	ND<300	87	40-140
3-Nitroaniline	ND<300	81	30-130
4,6-Dinitro-2-methylphenol	ND<300	79	30-130
n-Nitrosodiphenylamine	ND<300	94	40-140
Azobenzene	ND<300	87	40-140
4-Bromophenyl-phenylether	ND<300	82	40-140
Hexachlorobenzene	ND<300	83	40-140
Pentachlorophenol	ND<300	83	30-130
Phenanthrene	ND<300	85	40-140
Anthracene	ND<300	84	40-140
Di-n-butylphthalate	ND<300	91	40-140
Fluoranthene	ND<300	84	40-140
Pyrene	ND<300	86	40-140
Butylbenzylphthalate	ND<300	88	40-140
Benzo[a]anthracene	ND<300	85	40-140
Chrysene	ND<300	85	40-140
bis(2-Ethylhexyl)phthalate	ND<300	89	40-140
Di-n-octylphthalate	ND<300	91	40-140
Benzo[b]fluoranthene	ND<300	75	40-140
Benzo[k]fluoranthene	ND<300	90	40-140
Benzo[a]pyrene	ND<300	84	40-140
Indeno[1,2,3-cd]pyrene	ND<300	80	40-140
Dibenz[a,h]anthracene	ND<300	78	40-140
Benzo[g,h,i]perylene	ND<300	75	40-140

All associated samples: AE37233 AE37234 AE37235 AE37236 AE37237 AE37238

QA Type: SPLP Metals Date Analyzed: 4/23/2010 Batch ID: 66485

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	100	80-120

All associated samples: AE37233 AE37234 AE37235 AE37236 AE37237 AE37238

QA Type: Conn. Extractable TPH Date Analyzed: 4/23/2010 Batch ID: 66487

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	102	60-120

All associated samples: AE37233 AE37234 AE37235 AE37236 AE37237 AE37238

Matrix Spike Report

QA Type: SPLP Metals Date Analyzed: 4/23/2010 Sample ID: AE37233 Client ID: Conf1 5ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	0.21	0.20	104	100	80-120	3.92	20

ND is not detected

QC Batch Report

EPA 8270C Semi-Volatile Organics Batch 66484

CET ID	Client Sample ID	Matrix	Collection Date
AE37233	Conf1 5ft	Soil	4/21/2010
AE37234	Conf2 5.5ft	Soil	4/21/2010
AE37235	Conf3 5.5ft	Soil	4/21/2010
AE37236	Conf4 6ft	Soil	4/21/2010
AE37237	Eastway 1 5ft	Soil	4/21/2010
AE37238	Conf5 6ft	Soil	4/21/2010

SPLP Metals Batch 66485

CET ID	Client Sample ID	Matrix	Collection Date
AE37233	Conf1 5ft	Soil	4/21/2010
AE37234	Conf2 5.5ft	Soil	4/21/2010
AE37235	Conf3 5.5ft	Soil	4/21/2010
AE37236	Conf4 6ft	Soil	4/21/2010
AE37237	Eastway 1 5ft	Soil	4/21/2010
AE37238	Conf5 6ft	Soil	4/21/2010

Conn. Extractable TPH Batch 66487

CET ID	Client Sample ID	Matrix	Collection Date
AE37233	Conf1 5ft	Soil	4/21/2010
AE37234	Conf2 5.5ft	Soil	4/21/2010
AE37235	Conf3 5.5ft	Soil	4/21/2010
AE37236	Conf4 6ft	Soil	4/21/2010
AE37237	Eastway 1 5ft	Soil	4/21/2010
AE37238	Conf5 6ft	Soil	4/21/2010

Narrative

6. The client requested a subset of the RCP metals list.

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	9 RCRA	TOTAL	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
Conf 1 @ 5.0'	4/21/10 139	S			X								X	X								X					
Conf 2 @ 5.5'	145				X								X	X								X					
Conf 3 @ 5.5'	200				X								X	X								X					
Conf 4 @ 6.0'	249				X								X	X								X					
East wall 1 @ 5.0'	252				X								X	X								X					
Conf 5 @ 6.0'	4/21/10 330				X								X	X								X					

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Gerald Mishel	4/22/10 1110	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Please have Results Ready and sent to contact below for Sample Monday.

Client / Reporting Information

Company Name: GeoDesign, Inc

Address: 984 Southford Road

City: Middlebury State: CT Zip: 06762

Report To: AKovalik@geodesign.net or PGAN@geodesign.net E-mail:

Phone #: 203-758-8836 X113 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1

Project: Parcel C-South Project #: 3101-4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 6.0 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Tim Carr
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

CET # 11040414

Report Date: April 21, 2011
Client Project: Parcel C, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE67560	Conf 34 4ft	Soil	4/15/2011	11:20	04/18/2011
AE67561	Bldg 25 SW-2 2ft	Soil	4/15/2011	11:23	04/18/2011

Sample temperature upon receipt was 3.4 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	Conf 34 4ft	Bldg 25 SW-2 2ft
CET ID	AE67560	AE67561
Date Analyzed	4/19/2011	4/19/2011

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	Conf 34 4ft	Bldg 25 SW-2 2ft
CET ID	AE67560	AE67561
Date Analyzed	4/19/2011	4/19/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	Conf 34 4ft	Bldg 25 SW-2 2ft
CET ID	AE67560	AE67561
Date Analyzed	4/19/2011	4/19/2011

SPLP, Metals [EPA 1312]

Client ID	Conf 34 4ft	Bldg 25 SW-2 2ft
CET ID	AE67560	AE67561
Date Analyzed	4/19/2011	4/19/2011

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Conf 34 4ft	Bldg 25 SW-2 2ft
CET ID	AE67560	AE67561
Date Analyzed	4/19/2011	4/19/2011
Total Solids	87	88

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	Conf 34 4ft	Bldg 25 SW-2 2ft
CET ID	AE67560	AE67561
Date Analyzed	4/19/2011	4/19/2011
Dilution	1.0	1.0
Lead	190	6.4

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	Conf 34 4ft	Bldg 25 SW-2 2ft
CET ID	AE67560	AE67561
Date Analyzed	4/20/2011	4/20/2011
Dilution	1.0	1.0
Lead	0.089	ND < 0.013

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 34 4ft	Bldg 25 SW-2 2ft
CET ID	AE67560	AE67561
Date Analyzed	4/20/2011	4/20/2011
Dilution	1.0	1.0
Pyridine	ND < 115	ND < 114
n-Nitroso-dimethylamine	ND < 345	ND < 341
bis(2-Chloroethyl)ether	ND < 345	ND < 341
Phenol	ND < 345	ND < 341
Aniline	ND < 345	ND < 341
2-Chlorophenol	ND < 345	ND < 341
1,3-Dichlorobenzene	ND < 345	ND < 341
1,4-Dichlorobenzene	ND < 345	ND < 341
Benzyl Alcohol	ND < 345	ND < 341
1,2-Dichlorobenzene	ND < 345	ND < 341
bis(2-chloroisopropyl)ether	ND < 345	ND < 341
Hexachloroethane	ND < 345	ND < 341
N-Nitroso-di-n-propylamine	ND < 345	ND < 341
2-Methyl Phenol	ND < 345	ND < 341
3+4 Methyl Phenol	ND < 345	ND < 341
Nitrobenzene	ND < 345	ND < 341
Isophorone	ND < 345	ND < 341
2-Nitrophenol	ND < 345	ND < 341
2,4-Dimethylphenol	ND < 345	ND < 341
bis(2-Chloroethoxy)methane	ND < 345	ND < 341
Benzoic Acid	ND < 345	ND < 341
2,4-Dichlorophenol	ND < 345	ND < 341
1,2,4-Trichlorobenzene	ND < 345	ND < 341
Naphthalene	ND < 345	ND < 341
2,6-Dichlorophenol	ND < 345	ND < 341
4-Chloroaniline	ND < 345	ND < 341
Hexachlorobutadiene	ND < 345	ND < 341
4-Chloro-3-methylphenol	ND < 345	ND < 341
2-Methyl Naphthalene	ND < 345	ND < 341
Hexachlorocyclopentadiene	ND < 345	ND < 341
2,4,6-Trichlorophenol	ND < 345	ND < 341

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf 34 4ft	Bldg 25 SW-2 2ft
2,4,5-Trichlorophenol	ND < 345	ND < 341
2-Chloronaphthalene	ND < 345	ND < 341
2-Nitroaniline	ND < 345	ND < 341
Acenaphthylene	ND < 345	ND < 341
Dimethylphthalate	ND < 345	ND < 341
2,6-Dinitrotoluene	ND < 345	ND < 341
4-Nitroaniline	ND < 345	ND < 341
Acenaphthene	ND < 345	ND < 341
2,4-Dinitrophenol	ND < 345	ND < 341
2,4-Dinitrotoluene	ND < 345	ND < 341
4-Nitrophenol	ND < 345	ND < 341
Dibenzofuran	ND < 345	ND < 341
2,3,4,6-Tetrachlorophenol	ND < 345	ND < 341
Fluorene	ND < 345	ND < 341
4-Chlorophenyl-phenylether	ND < 345	ND < 341
Diethylphthalate	ND < 345	ND < 341
3-Nitroaniline	ND < 345	ND < 341
4,6-Dinitro-2-methylphenol	ND < 345	ND < 341
n-Nitrosodiphenylamine	ND < 345	ND < 341
Azobenzene	ND < 345	ND < 341
4-Bromophenyl-phenylether	ND < 345	ND < 341
Hexachlorobenzene	ND < 345	ND < 341
Pentachlorophenol	ND < 345	ND < 341
Phenanthrene	ND < 345	ND < 341
Anthracene	ND < 345	ND < 341
Carbazole	ND < 345	ND < 341
Di-n-butylphthalate	ND < 345	ND < 341
Fluoranthene	840	ND < 341
Pyrene	880	ND < 341
Butylbenzylphthalate	ND < 345	ND < 341
3,3-Dichlorobenzidine	ND < 345	ND < 341
Benzo[a]anthracene	550	ND < 341
Chrysene	540	ND < 341
bis(2-Ethylhexyl)phthalate	ND < 345	ND < 341
Di-n-octylphthalate	ND < 345	ND < 341
Benzo[b]fluoranthene	600	ND < 341
Benzo[k]fluoranthene	ND < 345	ND < 341
Benzo[a]pyrene	610	ND < 341
Indeno[1,2,3-cd]pyrene	410	ND < 341
Dibenz[a,h]anthracene	ND < 345	ND < 341
Benzo[g,h,i]perylene	490	ND < 341
2-Fluorophenol (Surr) 30-130	90.9	96.6
Phenol-d5 (Surr) 30-130	101	105
Nitrobenzene-d5(Surr) 30-130	78.9	83.4
2-Fluorobiphenyl (Surr) 30-130	78.5	84
2,4,6-Tribromophenol (Surr) 30-130	75.6	79.8
Terphenyl-d14 (Surr) 30-130	58.4	61.3

Conn. Extractable TPH Dup [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Bldg 25 SW-2 2ft
CET ID	AE67561
Date Analyzed	4/20/2011
Dilution	1.0
ETPH	ND < 57
Octacosane (surr)	110

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf 34 4ft	Bldg 25 SW-2 2ft
CET ID	AE67560	AE67561
Date Analyzed	4/19/2011	4/19/2011
Dilution	1.0	1.0
ETPH	ND < 58	ND < 57
Octacosane (surr) 50-150	109	104

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

CET #: 11040414

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

CHAIN OF CUSTODY RECORD

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 2-3 Days *, Std (5-7 Days)

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL Lead	TCLP	SPLP Lead	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
CONF 34 @ 4'	4/15/11 1120	Soil			3							X	X							X		X				1	
BLDG 25/SW-2 @ 2'	4/15/11 1123	Soil			3							X	X							X		X				1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	4-18-11 1020	[signature]
[signature]	4-18-11 1510	[signature]

NOTES: Please Also Send Results to Chris Eggers
CEggers@geodesign.net

Client / Reporting Information

Company Name: GEO Design INC
Address: 984 South Ford Road
City: Middlebury State: CT Zip: 06762
Report To: Tim Carr E-mail: Tim@geodesign.net
Phone #: 203 758-8836 x16 Fax #: 203 758-8872

Project Information

Project Contact: Tim Carr PO #: 3101-4.1
Project: Parcel C Project #: 3101-4.1
Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (specify)

Lab Use: Evidence of Cooling: Y or N
Temp Upon Receipt: 8.4 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE67560-AE67561 ***Sampling Date(s):*** 4/15/2011

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 11040414

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐Yes ☒No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 4/28/11

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C, Naugatuck
CET#: 11040414

Blank/LCS Report

QA Type: Total Metals Date Analyzed: 4/19/2001 Batch ID: 72526

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	99	80-120

All associated samples: AE67560 AE67561

QA Type: Conn. Extractable TPH Date Analyzed: 4/19/2011 Batch ID: 72539

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	105	60-120

All associated samples: AE67560 AE67561

QA Type: SPLP Metals Date Analyzed: 4/20/2011 Batch ID: 72557

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	102	80-120

All associated samples: AE67560 AE67561

QA Type: Semi-Volatile Organics Date Analyzed: 4/20/2011 Batch ID: 72568

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	68	30-130
n-Nitroso-dimethylamine	ND<300	84	40-140
bis(2-Chloroethyl)ether	ND<300	86	40-140
Phenol	ND<300	101	30-130
Aniline	ND<300	91	30-130
2-Chlorophenol	ND<300	88	30-130
1,3-Dichlorobenzene	ND<300	75	40-140
1,4-Dichlorobenzene	ND<300	76	40-140
Benzyl Alcohol	ND<300	46	30-130
1,2-Dichlorobenzene	ND<300	79	40-140
bis(2-chloroisopropyl)ether	ND<300	97	40-140
Hexachloroethane	ND<300	80	40-140
N-Nitroso-di-n-propylamine	ND<300	98	40-140
2-Methyl Phenol	ND<300	90	30-130
3+4 Methyl Phenol	ND<300	91	30-130
Nitrobenzene	ND<300	84	40-140

Project: Parcel C, Naugatuck
Cet#: 11040414

QA Type: Semi-Volatile Organics Date Analyzed: 4/20/2011 Batch ID: 72568

Analyte	Blank	LCS%Rec	LCS CL
Isophorone	ND<300	83	40-140
2-Nitrophenol	ND<300	83	30-130
2,4-Dimethylphenol	ND<300	80	30-130
bis(2-Chloroethoxy)methane	ND<300	84	40-140
2,4-Dichlorophenol	ND<300	79	30-130
1,2,4-Trichlorobenzene	ND<300	76	40-140
Naphthalene	ND<300	79	40-140
4-Chloroaniline	ND<300	85	30-130
Hexachlorobutadiene	ND<300	71	40-140
4-Chloro-3-methylphenol	ND<300	92	30-130
2-Methyl Naphthalene	ND<300	89	40-140
Hexachlorocyclopentadiene	ND<300	70	40-140
2,4,6-Trichlorophenol	ND<300	71	30-130
2,4,5-Trichlorophenol	ND<300	81	30-130
2-Chloronaphthalene	ND<300	79	30-130
2-Nitroaniline	ND<300	89	30-130
Acenaphthylene	ND<300	78	40-140
Dimethylphthalate	ND<300	81	40-140
2,6-Dinitrotoluene	ND<300	79	40-140
4-Nitroaniline	ND<300	129	30-130
Acenaphthene	ND<300	84	40-140
2,4-Dinitrophenol	ND<300	89	30-130
2,4-Dinitrotoluene	ND<300	82	40-140
4-Nitrophenol	ND<300	91	30-130
Dibenzofuran	ND<300	85	40-140
Fluorene	ND<300	80	40-140
4-Chlorophenyl-phenylether	ND<300	80	40-140
Diethylphthalate	ND<300	82	40-140
3-Nitroaniline	ND<300	104	30-130
4,6-Dinitro-2-methylphenol	ND<300	99	30-130
n-Nitrosodiphenylamine	ND<300	98	40-140
Azobenzene	ND<300	94	40-140
4-Bromophenyl-phenylether	ND<300	83	40-140
Hexachlorobenzene	ND<300	85	40-140
Pentachlorophenol	ND<300	77	30-130
Phenanthrene	ND<300	86	40-140
Anthracene	ND<300	88	40-140
Di-n-butylphthalate	ND<300	91	40-140
Fluoranthene	ND<300	87	40-140
Pyrene	ND<300	85	40-140
Butylbenzylphthalate	ND<300	90	40-140
Benzo[a]anthracene	ND<300	89	40-140
Chrysene	ND<300	89	40-140
bis(2-Ethylhexyl)phthalate	ND<300	92	40-140
Di-n-octylphthalate	ND<300	92	40-140
Benzo[b]fluoranthene	ND<300	86	40-140
Benzo[k]fluoranthene	ND<300	101	40-140
Benzo[a]pyrene	ND<300	96	40-140
Indeno[1,2,3-cd]pyrene	ND<300	78	40-140
Dibenz[a,h]anthracene	ND<300	95	40-140
Benzo[g,h,i]perylene	ND<300	93	40-140

All associated samples: AE67560 AE67561

Project: Parcel C, Naugatuck
Cet#: 11040414

Matrix Spike Report

QA Type: Conn. Extractable TPH Date Analyzed: 4/20/2011 Sample ID: AE67561 Client ID: Bldg 25 SW-2 2ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	ND<57	1700	104	105	50-150	0.96	30

ND is not detected

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
2,4-Dinitrophenol	72568	71 H	35-65	4/20/2011

All associated samples: AE67560 AE67561

QC Batch Report

Total Metals Batch 72526

CET ID	Client Sample ID	Matrix	Collection Date
AE67560	Conf 34 4ft	Soil	4/15/2011
AE67561	Bldg 25 SW-2 2ft	Soil	4/15/2011

Conn. Extractable TPH Batch 72539

CET ID	Client Sample ID	Matrix	Collection Date
AE67560	Conf 34 4ft	Soil	4/15/2011
AE67561	Bldg 25 SW-2 2ft	Soil	4/15/2011

SPLP Metals Batch 72557

CET ID	Client Sample ID	Matrix	Collection Date
AE67560	Conf 34 4ft	Soil	4/15/2011
AE67561	Bldg 25 SW-2 2ft	Soil	4/15/2011

Semi-Volatile Organics Batch 72568

CET ID	Client Sample ID	Matrix	Collection Date
AE67560	Conf 34 4ft	Soil	4/15/2011
AE67561	Bldg 25 SW-2 2ft	Soil	4/15/2011

Narrative

4. 2,4-Dinitrophenol CC high for batch 72568.

6. The client requested a subset of the RCP metals list.

7. Project specific QC was not requested by the client.

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
LCS CL	Control limits for Laboratory Control Sample.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Tim Carr
GeoDesign
984 Southford Rd
Middlebury, CT 06492

Analytical Report

CET # 11040340

Report Date: April 20, 2011
Client Project: Parcel C, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE67347	Conf33 4ft	Soil	4/13/2011	13:00	04/14/2011
AE67348	Bldg 25 SW-1 2ft	Soil	4/13/2011	13:05	04/14/2011

Sample temperature upon receipt was 3.4 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	Conf33 4ft	Bldg 25 SW-1 2ft
CET ID	AE67347	AE67348
Date Analyzed	4/19/2011	4/19/2011

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	Conf33 4ft	Bldg 25 SW-1 2ft
CET ID	AE67347	AE67348
Date Analyzed	4/18/2011	4/18/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	Conf33 4ft	Bldg 25 SW-1 2ft
CET ID	AE67347	AE67348
Date Analyzed	4/15/2011	4/15/2011

Closed System P&T Extraction [EPA 5035A]

Client ID	Conf33 4ft
CET ID	AE67347
Date Analyzed	4/19/2011

SPLP, Metals [EPA 1312]

Client ID	Conf33 4ft	Bldg 25 SW-1 2ft
CET ID	AE67347	AE67348
Date Analyzed	4/16/2011	4/16/2011

ANALYSIS:

Percent Moisture [EPA 160.3] Units: percent

Client ID	Conf33 4ft
CET ID	AE67347
Date Analyzed	4/18/2011
Percent Moisture	18

Total Solids [EPA 160.3 mo] Units: percent

Client ID	Conf33 4ft	Bldg 25 SW-1 2ft
CET ID	AE67347	AE67348
Date Analyzed	4/18/2011	4/18/2011
Total Solids	82	80

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	Conf33 4ft	Bldg 25 SW-1 2ft
CET ID	AE67347	AE67348
Date Analyzed	4/19/2011	4/19/2011
Dilution	1.0	1.0
Lead	12	400

SPLP Metals [EPA 6020A] Units: mg/l

Client ID	Conf33 4ft	Bldg 25 SW-1 2ft
CET ID	AE67347	AE67348
Date Analyzed	4/18/2011	4/18/2011
Dilution	1.0	1.0
Lead	ND < 0.013	0.20

SPLP Metals by ICP/MS Dup [EPA 6020A] Units: mg/l

Client ID	Conf33 4ft
CET ID	AE67347
Date Analyzed	4/18/2011
Dilution	1.0
Lead	ND < 0.013

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf33 4ft	Bldg 25 SW-1 2ft
CET ID	AE67347	AE67348
Date Analyzed	4/18/2011	4/18/2011
Dilution	1.0	1.0
Pyridine	ND < 122	ND < 125
n-Nitroso-dimethylamine	ND < 366	ND < 375
bis(2-Chloroethyl)ether	ND < 366	ND < 375
Phenol	ND < 366	ND < 375
Aniline	ND < 366	ND < 375
2-Chlorophenol	ND < 366	ND < 375
1,3-Dichlorobenzene	ND < 366	ND < 375
1,4-Dichlorobenzene	ND < 366	ND < 375
Benzyl Alcohol	ND < 366	ND < 375
1,2-Dichlorobenzene	ND < 366	ND < 375
bis(2-chloroisopropyl)ether	ND < 366	ND < 375
Hexachloroethane	ND < 366	ND < 375
N-Nitroso-di-n-propylamine	ND < 366	ND < 375
2-Methyl Phenol	ND < 366	ND < 375
3+4 Methyl Phenol	ND < 366	ND < 375
Nitrobenzene	ND < 366	ND < 375
Isophorone	ND < 366	ND < 375
2-Nitrophenol	ND < 366	ND < 375
2,4-Dimethylphenol	ND < 366	ND < 375
bis(2-Chloroethoxy)methane	ND < 366	ND < 375
Benzoic Acid	ND < 366	ND < 375
2,4-Dichlorophenol	ND < 366	ND < 375
1,2,4-Trichlorobenzene	ND < 366	ND < 375
Naphthalene	ND < 366	ND < 375
2,6-Dichlorophenol	ND < 366	ND < 375
4-Chloroaniline	ND < 366	ND < 375
Hexachlorobutadiene	ND < 366	ND < 375
4-Chloro-3-methylphenol	ND < 366	ND < 375
2-Methyl Naphthalene	ND < 366	ND < 375
Hexachlorocyclopentadiene	ND < 366	ND < 375
2,4,6-Trichlorophenol	ND < 366	ND < 375
2,4,5-Trichlorophenol	ND < 366	ND < 375
2-Chloronaphthalene	ND < 366	ND < 375
2-Nitroaniline	ND < 366	ND < 375
Acenaphthylene	ND < 366	ND < 375
Dimethylphthalate	ND < 366	ND < 375
2,6-Dinitrotoluene	ND < 366	ND < 375
4-Nitroaniline	ND < 366	ND < 375
Acenaphthene	ND < 366	ND < 375
2,4-Dinitrophenol	ND < 366	ND < 375
2,4-Dinitrotoluene	ND < 366	ND < 375
4-Nitrophenol	ND < 366	ND < 375
Dibenzofuran	ND < 366	ND < 375
2,3,4,6-Tetrachlorophenol	ND < 366	ND < 375
Fluorene	ND < 366	ND < 375
4-Chlorophenyl-phenylether	ND < 366	ND < 375
Diethylphthalate	ND < 366	ND < 375
3-Nitroaniline	ND < 366	ND < 375
4,6-Dinitro-2-methylphenol	ND < 366	ND < 375
n-Nitrosodiphenylamine	ND < 366	ND < 375

Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	Conf33 4ft	Bldg 25 SW-1 2ft
Azobenzene	ND < 366	ND < 375
4-Bromophenyl-phenylether	ND < 366	ND < 375
Hexachlorobenzene	ND < 366	ND < 375
Pentachlorophenol	ND < 366	ND < 375
Phenanthrene	ND < 366	ND < 375
Anthracene	ND < 366	ND < 375
Carbazole	ND < 366	ND < 375
Di-n-butylphthalate	ND < 366	ND < 375
Fluoranthene	ND < 366	ND < 375
Pyrene	ND < 366	ND < 375
Butylbenzylphthalate	ND < 366	ND < 375
3,3-Dichlorobenzidine	ND < 366	ND < 375
Benzo[a]anthracene	ND < 366	ND < 375
Chrysene	ND < 366	ND < 375
bis(2-Ethylhexyl)phthalate	ND < 366	ND < 375
Di-n-octylphthalate	ND < 366	ND < 375
Benzo[b]fluoranthene	ND < 366	ND < 375
Benzo[k]fluoranthene	ND < 366	ND < 375
Benzo[a]pyrene	ND < 366	ND < 375
Indeno[1,2,3-cd]pyrene	ND < 366	ND < 375
Dibenz[a,h]anthracene	ND < 366	ND < 375
Benzo[g,h,i]perylene	ND < 366	ND < 375
2-Fluorophenol (Surr) 30-130	77.1	61.4
Phenol-d5 (Surr) 30-130	84.7	73.9
Nitrobenzene-d5(Surr) 30-130	64.9	53.9
2-Fluorobiphenyl (Surr) 30-130	66.1	56.4
2,4,6-Tribromophenol (Surr) 30-130	63	59.4
Terphenyl-d14 (Surr) 30-130	47.2	43.6

Conn. Extractable TPH Dup [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf33 4ft
CET ID	AE67347
Date Analyzed	4/15/2011
Dilution	1.0
ETPH	ND < 61
Octacosane (surr)	103

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	Conf33 4ft	Bldg 25 SW-1 2ft
CET ID	AE67347	AE67348
Date Analyzed	4/15/2011	4/15/2011
Dilution	1.0	1.0
ETPH	ND < 61	ND < 63
Octacosane (surr) 50-150	96.6	97.8

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	Conf33 4ft
CET ID	AE67347
Date Analyzed	4/15/2011
Dilution	1.1
Dichlorodifluoromethane	ND < 10
Chloromethane	ND < 7.0
Vinyl Chloride	ND < 4.0
Bromomethane	ND < 7.0
Chloroethane	ND < 7.0
Acetone	ND < 98
Acrylonitrile	ND < 6.0
Trichlorofluoromethane	ND < 10
Trichlorotrifluoroethane	ND < 20
1,1-Dichloroethene	ND < 4.0
Methylene Chloride	ND < 33
Carbon Disulfide	ND < 7.0
Methyl-t-Butyl Ether (MTBE)	ND < 4.0
trans-1,2-Dichloroethene	ND < 4.0
1,1-Dichloroethane	ND < 4.0
2-Butanone (MEK)	ND < 17
2,2-Dichloropropane	ND < 4.0
cis-1,2-Dichloroethene	ND < 4.0
Chloroform	ND < 4.0
Tetrahydrofuran	ND < 17
1,1,1-Trichloroethane	ND < 4.0
Carbon Tetrachloride	ND < 4.0
1,1-Dichloropropene	ND < 4.0
Benzene	ND < 4.0
1,2-Dichloroethane	ND < 4.0
Methyl Isobutyl Ketone	ND < 17
Trichloroethene	ND < 4.0
1,2-Dichloropropane	ND < 4.0
Dibromomethane	ND < 4.0
Bromodichloromethane	ND < 4.0
2-Hexanone	ND < 17
cis-1,3-Dichloropropene	ND < 4.0
Toluene	ND < 4.0
trans-1,3-Dichloropropene	ND < 4.0
1,1,2-Trichloroethane	ND < 4.0
Tetrachloroethene	ND < 4.0
1,3-Dichloropropane	ND < 4.0
Dibromochloromethane	ND < 4.0
1,2-Dibromoethane	ND < 4.0
trans-1,4-Dichloro-2-Butene	ND < 17
Chlorobenzene	ND < 4.0
1,1,1,2-Tetrachloroethane	ND < 4.0
Ethylbenzene	ND < 4.0
m+p Xylenes	ND < 4.0
o-Xylene	ND < 4.0
Styrene	ND < 4.0
Bromoform	ND < 4.0
Isopropylbenzene	ND < 4.0
1,1,2,2-Tetrachloroethane	ND < 4.0
Bromobenzene	ND < 4.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	Conf33 4ft
1,2,3-Trichloropropane	ND < 4.0
n-Propylbenzene	ND < 4.0
2-Chlorotoluene	ND < 4.0
4-Chlorotoluene	ND < 4.0
1,3,5-Trimethylbenzene	ND < 4.0
tert-Butylbenzene	ND < 4.0
1,2,4-Trimethylbenzene	ND < 4.0
sec-Butylbenzene	ND < 4.0
1,3-Dichlorobenzene	ND < 4.0
4-Isopropyltoluene	ND < 4.0
1,4-Dichlorobenzene	ND < 4.0
1,2-Dichlorobenzene	ND < 4.0
n-Butylbenzene	ND < 4.0
1,2-Dibromo-3-Chloropropane	ND < 4.0
1,2,4-Trichlorobenzene	ND < 4.0
Hexachlorobutadiene	ND < 4.0
Naphthalene	ND < 4.0
1,2,3-Trichlorobenzene	ND < 4.0
1,2 Dichloroethane-d4 (SURR) 70-130	96
toluene-d8 (SURR) 70-130	100
4-bromofluorobenzene (SURR) 70-130	96.4

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

CET #: 11040340

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

CHAIN OF CUSTODY RECORD

COMPLETE ENVIRONMENTAL TESTING, INC.
80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 2-3 Days *, Std (5-7 Days)

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides, Herbicides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis: MOISTURE CONT

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	MOISTURE CONT	TOTAL # OF CONT.	NOTE #
CONF 33 @ 4'	4/13/11 1:00	SOIL			3		X					X	X							X		X			X	5	
BLDG 25/SW-1 @ 2'	4/13/11 1:05	SOIL			3							X	X							X		X				1	
PRESERVATIVE (Cl-HCl, N-HNO_3, S-H_2SO_4, Na-NaOH, C=Cool, O-Other)							O					C	C							C		C			C		
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)							V					G	G							G		G			G	6	
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)							M/B																				

RELINQUISHED BY: Gerald Muller DATE/TIME: 4/14/10 9:55 RECEIVED BY:
RELINQUISHED BY: 4-14-11 DATE/TIME: 15 RECEIVED BY:
RELINQUISHED BY: DATE/TIME: RECEIVED BY:

NOTES: Please Report Results to Tim Carr and Chris Eggers at Timegeodesign.net and CEggers@geodesign.net.

Client / Reporting Information

Company Name: GeoDesign, Inc
Address: 984 Southford Road
City: Middlebury State: CT Zip: 06762
Report To: Tim Carr and Chris Eggers E-mail: Timegeodesign.net / CEggers@geodesign.net
Phone #: 203-758-8836 Fax #:

Project Information

Project Contact: Tim Carr PO #: 3101-4.1
Project: Parcel C Project #: 3101-4.1
Location: Naugatuck CT Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *
Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 3.4 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. REV. 7/1/10

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE67347-AE67348 ***Sampling Date(s):*** 4/13/2011

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 11040340

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 4/26/11

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C, Naugatuck
CET#: 11040340

Blank/LCS Report

QA Type: Conn. Extractable TPH Date Analyzed: 4/15/2011 Batch ID: 72485

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	101	60-120

All associated samples: AE67347 AE67348

QA Type: Semi-Volatile Organics Date Analyzed: 4/18/2011 Batch ID: 72497

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	61	30-130
n-Nitroso-dimethylamine	ND<300	74	40-140
bis(2-Chloroethyl)ether	ND<300	78	40-140
Phenol	ND<300	87	30-130
Aniline	ND<300	70	30-130
2-Chlorophenol	ND<300	78	30-130
1,3-Dichlorobenzene	ND<300	68	40-140
1,4-Dichlorobenzene	ND<300	69	40-140
Benzyl Alcohol	ND<300	22 L	30-130
1,2-Dichlorobenzene	ND<300	71	40-140
bis(2-chloroisopropyl)ether	ND<300	86	40-140
Hexachloroethane	ND<300	71	40-140
N-Nitroso-di-n-propylamine	ND<300	83	40-140
2-Methyl Phenol	ND<300	77	30-130
3+4 Methyl Phenol	ND<300	88	30-130
Nitrobenzene	ND<300	74	40-140
Isophorone	ND<300	72	40-140
2-Nitrophenol	ND<300	72	30-130
2,4-Dimethylphenol	ND<300	53	30-130
bis(2-Chloroethoxy)methane	ND<300	74	40-140
2,4-Dichlorophenol	ND<300	68	30-130
1,2,4-Trichlorobenzene	ND<300	66	40-140
Naphthalene	ND<300	69	40-140
4-Chloroaniline	ND<300	69	30-130
Hexachlorobutadiene	ND<300	62	40-140
4-Chloro-3-methylphenol	ND<300	79	30-130

Project: Parcel C, Naugatuck
Cet#: 11040340

QA Type: Semi-Volatile Organics Date Analyzed: 4/18/2011 Batch ID: 72497

Analyte	Blank	LCS%Rec	LCS CL
2-Methyl Naphthalene	ND<300	78	40-140
Hexachlorocyclopentadiene	ND<300	56	40-140
2,4,6-Trichlorophenol	ND<300	59	30-130
2,4,5-Trichlorophenol	ND<300	71	30-130
2-Chloronaphthalene	ND<300	71	30-130
2-Nitroaniline	ND<300	78	30-130
Acenaphthylene	ND<300	67	40-140
Dimethylphthalate	ND<300	70	40-140
2,6-Dinitrotoluene	ND<300	68	40-140
4-Nitroaniline	ND<300	114	30-130
Acenaphthene	ND<300	73	40-140
2,4-Dinitrophenol	ND<300	72	30-130
2,4-Dinitrotoluene	ND<300	72	40-140
4-Nitrophenol	ND<300	79	30-130
Dibenzofuran	ND<300	74	40-140
Fluorene	ND<300	69	40-140
4-Chlorophenyl-phenylether	ND<300	70	40-140
Diethylphthalate	ND<300	71	40-140
3-Nitroaniline	ND<300	92	30-130
4,6-Dinitro-2-methylphenol	ND<300	83	30-130
n-Nitrosodiphenylamine	ND<300	86	40-140
Azobenzene	ND<300	81	40-140
4-Bromophenyl-phenylether	ND<300	72	40-140
Hexachlorobenzene	ND<300	71	40-140
Pentachlorophenol	ND<300	62	30-130
Phenanthrene	ND<300	74	40-140
Anthracene	ND<300	75	40-140
Di-n-butylphthalate	ND<300	77	40-140
Fluoranthene	ND<300	74	40-140
Pyrene	ND<300	73	40-140
Butylbenzylphthalate	ND<300	78	40-140
Benzo[a]anthracene	ND<300	77	40-140
Chrysene	ND<300	76	40-140
bis(2-Ethylhexyl)phthalate	ND<300	79	40-140
Di-n-octylphthalate	ND<300	79	40-140
Benzo[b]fluoranthene	ND<300	74	40-140
Benzo[k]fluoranthene	ND<300	84	40-140
Benzo[a]pyrene	ND<300	80	40-140
Indeno[1,2,3-cd]pyrene	ND<300	74	40-140
Dibenz[a,h]anthracene	ND<300	92	40-140
Benzo[g,h,i]perylene	ND<300	89	40-140

All associated samples: AE67347 AE67348

QA Type: Volatile Organics Date Analyzed: 4/15/2011 Batch ID: 72503

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	56 L	70-130
Chloromethane	ND<2.7	72	70-130
Vinyl Chloride	ND<1.6	64 L	70-130
Bromomethane	ND<5.0	86	70-130
Chloroethane	ND<5.0	98	70-130
Acetone	ND<50	60 L	70-130
Acrylonitrile	ND<20	90	70-130
Trichlorofluoromethane	ND<25	93	70-130

Project: Parcel C, Naugatuck
Cet#: 11040340

QA Type: Volatile Organics Date Analyzed: 4/15/2011 Batch ID: 72503

Analyte	Blank	LCS%Rec	LCS CL
Trichlorotrifluoroethane	ND<25	90	70-130
1,1-Dichloroethene	ND<1.0	86	70-130
Methylene Chloride	ND<5.0	108	70-130
Carbon Disulfide	ND<5.0	82	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	91	70-130
trans-1,2-Dichloroethene	ND<1.0	90	70-130
1,1-Dichloroethane	ND<1.0	91	70-130
2-Butanone (MEK)	ND<25	71	70-130
2,2-Dichloropropane	ND<1.0	90	70-130
cis-1,2-Dichloroethene	ND<1.0	90	70-130
Chloroform	ND<1.0	83	70-130
Tetrahydrofuran	ND<5.0	84	70-130
1,1,1-Trichloroethane	ND<1.0	97	70-130
Carbon Tetrachloride	ND<1.0	98	70-130
1,1-Dichloropropene	ND<1.0	94	70-130
Benzene	ND<1.0	93	70-130
1,2-Dichloroethane	ND<1.0	91	70-130
Methyl Isobutyl Ketone	ND<25	90	70-130
Trichloroethene	ND<1.0	98	70-130
1,2-Dichloropropane	ND<1.0	93	70-130
Dibromomethane	ND<1.0	98	70-130
Bromodichloromethane	ND<0.5	93	70-130
2-Hexanone	ND<25	84	70-130
cis-1,3-Dichloropropene	ND<0.5	93	70-130
Toluene	ND<1.0	93	70-130
trans-1,3-Dichloropropene	ND<0.5	95	70-130
1,1,2-Trichloroethane	ND<1.0	96	70-130
Tetrachloroethene	ND<1.0	96	70-130
1,3-Dichloropropane	ND<1.0	94	70-130
Dibromochloromethane	ND<0.5	94	70-130
1,2-Dibromoethane	ND<0.5	90	70-130
Chlorobenzene	ND<1.0	94	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	96	70-130
Ethylbenzene	ND<1.0	94	70-130
m+p Xylenes	ND<1.0	94	70-130
o-Xylene	ND<1.0	93	70-130
Styrene	ND<1.0	94	70-130
Bromoform	ND<1.0	99	70-130
Isopropylbenzene	ND<1.0	98	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	95	70-130
Bromobenzene	ND<1.0	90	70-130
1,2,3-Trichloropropane	ND<1.0	89	70-130
n-Propylbenzene	ND<1.0	96	70-130
2-Chlorotoluene	ND<1.0	81	70-130
4-Chlorotoluene	ND<1.0	110	70-130
1,3,5-Trimethylbenzene	ND<1.0	101	70-130
tert-Butylbenzene	ND<1.0	98	70-130
1,2,4-Trimethylbenzene	ND<1.0	102	70-130
sec-Butylbenzene	ND<1.0	100	70-130
1,3-Dichlorobenzene	ND<1.0	99	70-130
4-Isopropyltoluene	ND<1.0	102	70-130
1,4-Dichlorobenzene	ND<1.0	99	70-130
1,2-Dichlorobenzene	ND<1.0	100	70-130

Project: Parcel C, Naugatuck
Cet#: 11040340

QA Type: Volatile Organics Date Analyzed: 4/15/2011 Batch ID: 72503

Analyte	Blank	LCS%Rec	LCS CL
n-Butylbenzene	ND<1.0	102	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	99	70-130
1,2,4-Trichlorobenzene	ND<1.0	110	70-130
Hexachlorobutadiene	ND<0.45	117	70-130
Naphthalene	ND<1.0	103	70-130
1,2,3-Trichlorobenzene	ND<1.0	110	70-130

All associated samples: AE67347

QA Type: SPLP Metals Date Analyzed: 4/18/2011 Batch ID: 72505

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	101	80-120

All associated samples: AE67347 AE67348

QA Type: Total Metals Date Analyzed: 4/19/2001 Batch ID: 72526

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	99	80-120

All associated samples: AE67347 AE67348

Project: Parcel C, Naugatuck
Cet#: 11040340

Matrix Spike Report

QA Type: Conn. Extractable TPH Date Analyzed: 4/18/2011 Sample ID: AE67347 Client ID: Conf33 4ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
ETPH	ND<61	1830	104	106	50-150	1.90	30

QA Type: SPLP Metals Date Analyzed: 4/18/2011 Sample ID: AE67347 Client ID: Conf33 4ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	ND<0.013	0.2	96	105		8.44	20

ND is not detected

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Semi-Vol Cont Cal				
2,4-Dinitrophenol	72497	66 H	35-65	4/18/2011
All associated samples: AE67347 AE67348				
Volatile Organics Cont Cal				
Dichlorodifluoromethane	72503	31 L	35-65	4/15/2011
All associated samples: AE67347				

QC Batch Report

Conn. Extractable TPH Batch 72485

CET ID	Client Sample ID	Matrix	Collection Date
AE67347	Conf33 4ft	Soil	4/13/2011
AE67348	Bldg 25 SW-1 2ft	Soil	4/13/2011

Semi-Volatile Organics Batch 72497

CET ID	Client Sample ID	Matrix	Collection Date
AE67347	Conf33 4ft	Soil	4/13/2011
AE67348	Bldg 25 SW-1 2ft	Soil	4/13/2011

Volatile Organics Batch 72503

CET ID	Client Sample ID	Matrix	Collection Date
AE67347	Conf33 4ft	Soil	4/13/2011

SPLP Metals Batch 72505

CET ID	Client Sample ID	Matrix	Collection Date
AE67347	Conf33 4ft	Soil	4/13/2011
AE67348	Bldg 25 SW-1 2ft	Soil	4/13/2011

Total Metals Batch 72526

CET ID	Client Sample ID	Matrix	Collection Date
AE67347	Conf33 4ft	Soil	4/13/2011
AE67348	Bldg 25 SW-1 2ft	Soil	4/13/2011

Narrative

4. Benzyl Alcohol LCS recovery low (22%) for batch 72497.
   Dichlorodifluoromethane LCS recovery low (56%) for batch 72503.
   Vinyl Chloride LCS recovery low (64%) for batch 72503.
   Acetone LCS recovery low (60%) for batch 72503.
   2,4-Dinitrophenol CC high for batch 72497.
   Dichlorodifluoromethane CC low for batch 72503.

6. The client requested a subset of the RCP metals list.

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
LCS CL	Control limits for Laboratory Control Sample.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
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e-mail: cet1@cetlabs.com

Client: Mr. Al Kovalik
GeoDesign
984 Southford Rd
Middlebury, CT 06492

RECEIVED
JAN 24 2011
GeoDesign, Inc.

Analytical Report West wall 2

CET # 11010072

Report Date: January 10, 2011
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE60664	West Wall 2 6ft	Soil	1/4/2011	9:30	01/05/2011

Sample temperature upon receipt was 4.1 degrees C

PREP ANALYSIS:

Acid Digestion [EPA 3050B]

Client ID	West Wall 2 6ft
CET ID	AE60664
Date Analyzed	1/6/2011

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	West Wall 2 6ft
CET ID	AE60664
Date Analyzed	1/7/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	West Wall 2 6ft
CET ID	AE60664
Date Analyzed	1/6/2011

Closed System P&T Extraction [EPA 5035A]

Client ID	West Wall 2 6ft
CET ID	AE60664
Date Analyzed	1/7/2011

SPLP, Metals [EPA 1312]

Client ID	West Wall 2 6ft
CET ID	AE60664
Date Analyzed	1/6/2011

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	West Wall 2 6ft
CET ID	AE60664
Date Analyzed	1/6/2011
Total Solids	96

Total Metals [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	West Wall 2 6ft
CET ID	AE60664
Date Analyzed	1/6/2011
Dilution	1.0
Lead	6.5
Arsenic	2.1

Metals Dup Result [EPA 6010C] Units: mg/kg (Dry Wt)

Client ID	West Wall 2 6ft
CET ID	AE60664
Date Analyzed	1/6/2011
Dilution	1.0
Lead	5.6
Arsenic	2.2

SPLP Metals [EPA 6010C] Units: mg/l

Client ID	West Wall 2 6ft
CET ID	AE60664
Date Analyzed	1/7/2011
Dilution	1.0
Lead	ND < 0.013
Arsenic	ND < 0.009

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	West Wall 2 6ft
CET ID	AE60664
Date Analyzed	1/7/2011
Dilution	1.0
Pyridine	ND < 105
n-Nitroso-dimethylamine	ND < 313
bis(2-Chloroethyl)ether	ND < 313
Phenol	ND < 313
Aniline	ND < 313
2-Chlorophenol	ND < 313
1,3-Dichlorobenzene	ND < 313
1,4-Dichlorobenzene	ND < 313
Benzyl Alcohol	ND < 313
1,2-Dichlorobenzene	ND < 313
bis(2-chloroisopropyl)ether	ND < 313
Hexachloroethane	ND < 313
N-Nitroso-di-n-propylamine	ND < 313
2-Methyl Phenol	ND < 313
3+4 Methyl Phenol	ND < 313
Nitrobenzene	ND < 313
Isophorone	ND < 313
2-Nitrophenol	ND < 313
2,4-Dimethylphenol	ND < 313
bis(2-Chloroethoxy)methane	ND < 313
Benzoic Acid	ND < 313
2,4-Dichlorophenol	ND < 313
1,2,4-Trichlorobenzene	ND < 313
Naphthalene	ND < 313
2,6-Dichlorophenol	ND < 313
4-Chloroaniline	ND < 313
Hexachlorobutadiene	ND < 313
4-Chloro-3-methylphenol	ND < 313
2-Methyl Naphthalene	ND < 313
Hexachlorocyclopentadiene	ND < 313
2,4,6-Trichlorophenol	ND < 313
2,4,5-Trichlorophenol	ND < 313
2-Chloronaphthalene	ND < 313
2-Nitroaniline	ND < 313
Acenaphthylene	ND < 313
Dimethylphthalate	ND < 313
2,6-Dinitrotoluene	ND < 313
4-Nitroaniline	ND < 313
Acenaphthene	ND < 313
2,4-Dinitrophenol	ND < 313
2,4-Dinitrotoluene	ND < 313
4-Nitrophenol	ND < 313
Dibenzofuran	ND < 313
2,3,4,6-Tetrachlorophenol	ND < 313
Fluorene	ND < 313
4-Chlorophenyl-phenylether	ND < 313
Diethylphthalate	ND < 313
3-Nitroaniline	ND < 313
4,6-Dinitro-2-methylphenol	ND < 313

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	West Wall 2 6ft
n-Nitrosodiphenylamine	ND < 313
Azobenzene	ND < 313
4-Bromophenyl-phenylether	ND < 313
Hexachlorobenzene	ND < 313
Pentachlorophenol	ND < 313
Phenanthrene	ND < 313
Anthracene	ND < 313
Carbazole	ND < 313
Di-n-butylphthalate	ND < 313
Fluoranthene	ND < 313
Pyrene	ND < 313
Butylbenzylphthalate	ND < 313
3,3-Dichlorobenzidine	ND < 313
Benzo[a]anthracene	ND < 313
Chrysene	ND < 313
bis(2-Ethylhexyl)phthalate	ND < 313
Di-n-octylphthalate	ND < 313
Benzo[b]fluoranthene	ND < 313
Benzo[k]fluoranthene	ND < 313
Benzo[a]pyrene	ND < 313
Indeno[1,2,3-cd]pyrene	ND < 313
Dibenz[a,h]anthracene	ND < 313
Benzo[g,h,i]perylene	ND < 313
2-Fluorophenol (Surr) 30-130	66.4
Phenol-d5 (Surr) 30-130	64.4
Nitrobenzene-d5(Surr) 30-130	58.2
2-Fluorobiphenyl (Surr) 30-130	76.9
2,4,6-Tribromophenol (Surr) 30-130	69.5
Terphenyl-d14 (Surr) 30-130	106

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	West Wall 2 6ft
CET ID	AE60664
Date Analyzed	1/6/2011
Dilution	1.0
ETPH	ND < 53
Octacosane (surr) 50-150	90.9

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	West Wall 2 6ft
CET ID	AE60664
Date Analyzed	1/6/2011
Dilution	1.4
Dichlorodifluoromethane	ND < 11
Chloromethane	ND < 8.0
Vinyl Chloride	ND < 4.0
Bromomethane	ND < 8.0
Chloroethane	ND < 8.0
Acetone	ND < 110
Acrylonitrile	ND < 6.0
Trichlorofluoromethane	ND < 11
Trichlorotrifluoroethane	ND < 22
1,1-Dichloroethene	ND < 4.0
Methylene Chloride	ND < 37
Carbon Disulfide	ND < 8.0
Methyl-t-Butyl Ether (MTBE)	ND < 4.0
trans-1,2-Dichloroethene	ND < 4.0
1,1-Dichloroethane	ND < 4.0
2-Butanone (MEK)	ND < 19
2,2-Dichloropropane	ND < 4.0
cis-1,2-Dichloroethene	ND < 4.0
Chloroform	ND < 4.0
Tetrahydrofuran	ND < 19
1,1,1-Trichloroethane	ND < 4.0
Carbon Tetrachloride	ND < 4.0
1,1-Dichloropropene	ND < 4.0
Benzene	ND < 4.0
1,2-Dichloroethane	ND < 4.0
Methyl Isobutyl Ketone	ND < 19
Trichloroethene	ND < 4.0
1,2-Dichloropropane	ND < 4.0
Dibromomethane	ND < 4.0
Bromodichloromethane	ND < 4.0
2-Hexanone	ND < 19
cis-1,3-Dichloropropene	ND < 4.0
Toluene	ND < 4.0
trans-1,3-Dichloropropene	ND < 4.0
1,1,2-Trichloroethane	ND < 4.0
Tetrachloroethene	ND < 4.0
1,3-Dichloropropane	ND < 4.0
Dibromochloromethane	ND < 4.0
1,2-Dibromoethane	ND < 4.0
trans-1,4-Dichloro-2-Butene	ND < 19
Chlorobenzene	ND < 4.0
1,1,1,2-Tetrachloroethane	ND < 4.0
Ethylbenzene	ND < 4.0
m+p Xylenes	ND < 4.0
o-Xylene	ND < 4.0
Styrene	ND < 4.0
Bromoform	ND < 4.0
Isopropylbenzene	ND < 4.0
1,1,2,2-Tetrachloroethane	ND < 4.0

Volatile Organics [EPA 8260C] Units: ug/kg (Dry Wt)

Client ID	West Wall 2 6ft
Bromobenzene	ND < 4.0
1,2,3-Trichloropropane	ND < 4.0
n-Propylbenzene	ND < 4.0
2-Chlorotoluene	ND < 4.0
4-Chlorotoluene	ND < 4.0
1,3,5-Trimethylbenzene	ND < 4.0
tert-Butylbenzene	ND < 4.0
1,2,4-Trimethylbenzene	ND < 4.0
sec-Butylbenzene	ND < 4.0
1,3-Dichlorobenzene	ND < 4.0
4-Isopropyltoluene	ND < 4.0
1,4-Dichlorobenzene	ND < 4.0
1,2-Dichlorobenzene	ND < 4.0
n-Butylbenzene	ND < 4.0
1,2-Dibromo-3-Chloropropane	ND < 4.0
1,2,4-Trichlorobenzene	ND < 4.0
Hexachlorobutadiene	ND < 4.0
Naphthalene	ND < 4.0
1,2,3-Trichlorobenzene	ND < 4.0
1,2 Dichloroethane-d4 (SURR) 70-130	117
toluene-d8 (SURR) 70-130	99.6
4-bromofluorobenzene (SURR) 70-130	91.9

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

CET #: 11010072

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

CHAIN OF CUSTODY RECORD

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
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e-mail: cet1@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 3 Days *, Std (5-7 Days)

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL LEAD	TOTAL ARSENIC	SPLP LEAD	SPLP ARSENIC	TOTAL # OF CONT.	NOTE #
WEST WALL 2 @ 6FT	1/4/11/930	SOIL			X		X					X	X												X	X	X	X	3	

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides, Herbicides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: TOTAL LEAD, TOTAL ARSENIC, SPLP LEAD, SPLP ARSENIC

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH, B=Sodium Bisulfate, W=Water, F=Empty Vial, E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	1-5-11 1050	[signature]
[signature]	1-5-11 1655	[signature]

NOTES: Please send results to Chris Essers also at CEssers@geodesign.net

Client / Reporting Information

Company Name: GeoDesign Inc
Address: 984 South Ford Road
City: Middlebury State: CT Zip: 06762
Report To: ~~Chas~~ AL Kovalik E-mail: AKovalik@geodesign.NET
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1
Project: Parcel C South Project #: 3101-4.1
Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *
Data Report: ☒ Email ☒ PDF ☐ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 4.0 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Complete Environmental Testing, Inc. ***Client:*** GeoDesign

Project Location: Parcel C South, Naugatuck ***Project Number:*** 3101-4.1

Laboratory Sample ID(s): AE60664 ***Sampling Date(s):*** 1/4/2011

List RCP Methods Used (e.g., 8260, 8270, et cetera): ***CET#:*** 11010072

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	☒Yes ☐No
1A	Were the method specified preservation and holding time requirements met?	☒Yes ☐No
1B	**VPH and EPH Methods only:** Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	☐Yes ☐ No ☒ N/A
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°C)?	☒Yes ☐ No ☐N/A
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	☐Yes ☒No
5	a) Were reporting limits specified or referenced on the chain-of custody? b) Were these reporting limits met?	☒Yes ☐No ☒Yes ☐No
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
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☒Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #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". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge 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: _____ **Position:** Laboratory Director

Printed Name: David Ditta **Date:** 1/19/11

Name of Laboratory: Complete Environmental Testing, Inc.

This certification form is to be used for RCP methods only.

COMPLETE ENVIRONMENTAL TESTING, INC.

80Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

QA Report

Project: Parcel C South, Naugatuck
CET#: 11010072

Blank/LCS Report

QA Type: Conn. Extractable TPH Date Analyzed: 1/6/2011 Batch ID: 71001

Analyte	Blank	LCS%Rec	LCS CL
ETPH	ND<50	89	60-120

All associated samples: AE60664

QA Type: Volatile Organics Date Analyzed: 1/6/2011 Batch ID: 71027

Analyte	Blank	LCS%Rec	LCS CL
Dichlorodifluoromethane	ND<10	97	70-130
Chloromethane	ND<2.7	96	70-130
Vinyl Chloride	ND<1.6	74	70-130
Bromomethane	ND<5.0	77	70-130
Chloroethane	ND<5.0	115	70-130
Acetone	ND<50	92	70-130
Acrylonitrile	ND<20	140 H	70-130
Trichlorofluoromethane	ND<25	115	70-130
Trichlorotrifluoroethane	ND<25	120	70-130
1,1-Dichloroethene	ND<1.0	122	70-130
Methylene Chloride	ND<5.0	115	70-130
Carbon Disulfide	ND<5.0	107	70-130
Methyl-t-Butyl Ether (MTBE)	ND<5.0	126	70-130
trans-1,2-Dichloroethene	ND<1.0	110	70-130
1,1-Dichloroethane	ND<1.0	109	70-130
2-Butanone (MEK)	ND<25	126	70-130
2,2-Dichloropropane	ND<1.0	107	70-130
cis-1,2-Dichloroethene	ND<1.0	123	70-130
Chloroform	ND<1.0	108	70-130
Tetrahydrofuran	ND<5.0	145 H	70-130
1,1,1-Trichloroethane	ND<1.0	96	70-130
Carbon Tetrachloride	ND<1.0	97	70-130
1,1-Dichloropropene	ND<1.0	107	70-130
Benzene	ND<1.0	108	70-130
1,2-Dichloroethane	ND<1.0	108	70-130
Methyl Isobutyl Ketone	ND<25	138 H	70-130
Trichloroethene	ND<1.0	106	70-130

Project: Parcel C South, Naugatuck
Cet#: 11010072

QA Type: Volatile Organics Date Analyzed: 1/6/2011 Batch ID: 71027

Analyte	Blank	LCS%Rec	LCS CL
1,2-Dichloropropane	ND<1.0	107	70-130
Dibromomethane	ND<1.0	115	70-130
Bromodichloromethane	ND<0.5	106	70-130
2-Hexanone	ND<25	143 H	70-130
cis-1,3-Dichloropropene	ND<0.5	112	70-130
Toluene	ND<1.0	105	70-130
trans-1,3-Dichloropropene	ND<0.5	113	70-130
1,1,2-Trichloroethane	ND<1.0	109	70-130
Tetrachloroethene	ND<1.0	104	70-130
1,3-Dichloropropane	ND<1.0	112	70-130
Dibromochloromethane	ND<0.5	104	70-130
1,2-Dibromoethane	ND<0.5	109	70-130
Chlorobenzene	ND<1.0	94	70-130
1,1,1,2-Tetrachloroethane	ND<1.0	94	70-130
Ethylbenzene	ND<1.0	97	70-130
m+p Xylenes	ND<1.0	94	70-130
o-Xylene	ND<1.0	93	70-130
Styrene	ND<1.0	97	70-130
Bromoform	ND<1.0	105	70-130
Isopropylbenzene	ND<1.0	123	70-130
1,1,2,2-Tetrachloroethane	ND<0.5	104	70-130
Bromobenzene	ND<1.0	97	70-130
1,2,3-Trichloropropane	ND<1.0	112	70-130
n-Propylbenzene	ND<1.0	91	70-130
2-Chlorotoluene	ND<1.0	79	70-130
4-Chlorotoluene	ND<1.0	85	70-130
1,3,5-Trimethylbenzene	ND<1.0	91	70-130
tert-Butylbenzene	ND<1.0	88	70-130
1,2,4-Trimethylbenzene	ND<1.0	92	70-130
sec-Butylbenzene	ND<1.0	88	70-130
1,3-Dichlorobenzene	ND<1.0	93	70-130
4-Isopropyltoluene	ND<1.0	95	70-130
1,4-Dichlorobenzene	ND<1.0	90	70-130
1,2-Dichlorobenzene	ND<1.0	96	70-130
n-Butylbenzene	ND<1.0	98	70-130
1,2-Dibromo-3-Chloropropane	ND<1.0	138 H	70-130
1,2,4-Trichlorobenzene	ND<1.0	113	70-130
Hexachlorobutadiene	ND<0.45	115	70-130
Naphthalene	ND<1.0	126	70-130
1,2,3-Trichlorobenzene	ND<1.0	119	70-130

All associated samples: AE60664

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 1/4/2011 Batch ID: 71028

Analyte	Blank	LCS%Rec	LCS CL
Pyridine	ND<300	46	30-130
n-Nitroso-dimethylamine	ND<300	64	40-140
bis(2-Chloroethyl)ether	ND<300	84	40-140
Phenol	ND<300	84	30-130
Aniline	ND<300	49	30-130
2-Chlorophenol	ND<300	91	30-130
1,3-Dichlorobenzene	ND<300	76	40-140
1,4-Dichlorobenzene	ND<300	78	40-140

Project: Parcel C South, Naugatuck
Cet#: 11010072

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 1/4/2011 Batch ID: 71028

Analyte	Blank	LCS%Rec	LCS CL
Benzyl Alcohol	ND<300	77	30-130
1,2-Dichlorobenzene	ND<300	79	40-140
bis(2-chloroisopropyl)ether	ND<300	81	40-140
Hexachloroethane	ND<300	51	40-140
N-Nitroso-di-n-propylamine	ND<300	79	40-140
2-Methyl Phenol	ND<300	83	30-130
3+4 Methyl Phenol	ND<300	90	30-130
Nitrobenzene	ND<300	81	40-140
Isophorone	ND<300	83	40-140
2-Nitrophenol	ND<300	78	30-130
2,4-Dimethylphenol	ND<300	69	30-130
bis(2-Chloroethoxy)methane	ND<300	83	40-140
2,4-Dichlorophenol	ND<300	96	30-130
1,2,4-Trichlorobenzene	ND<300	89	40-140
Naphthalene	ND<300	85	40-140
4-Chloroaniline	ND<300	69	30-130
Hexachlorobutadiene	ND<300	87	40-140
4-Chloro-3-methylphenol	ND<300	91	30-130
2-Methyl Naphthalene	ND<300	103	40-140
Hexachlorocyclopentadiene	ND<300	28 L	40-140
2,4,6-Trichlorophenol	ND<300	68	30-130
2,4,5-Trichlorophenol	ND<300	125	30-130
2-Chloronaphthalene	ND<300	84	30-130
2-Nitroaniline	ND<300	90	30-130
Acenaphthylene	ND<300	87	40-140
Dimethylphthalate	ND<300	99	40-140
2,6-Dinitrotoluene	ND<300	84	40-140
4-Nitroaniline	ND<300	96	30-130
Acenaphthene	ND<300	91	40-140
2,4-Dinitrophenol	ND<300	14 L	30-130
2,4-Dinitrotoluene	ND<300	88	40-140
4-Nitrophenol	ND<300	99	30-130
Dibenzofuran	ND<300	96	40-140
Fluorene	ND<300	95	40-140
4-Chlorophenyl-phenylether	ND<300	98	40-140
Diethylphthalate	ND<300	98	40-140
3-Nitroaniline	ND<300	73	30-130
4,6-Dinitro-2-methylphenol	ND<300	19 L	30-130
n-Nitrosodiphenylamine	ND<300	104	40-140
4-Bromophenyl-phenylether	ND<300	93	40-140
Hexachlorobenzene	ND<300	87	40-140
Pentachlorophenol	ND<300	67	30-130
Phenanthrene	ND<300	93	40-140
Anthracene	ND<300	93	40-140
Di-n-butylphthalate	ND<300	102	40-140
Fluoranthene	ND<300	101	40-140
Pyrene	ND<300	102	40-140
Butylbenzylphthalate	ND<300	102	40-140
Benzo[a]anthracene	ND<300	95	40-140
Chrysene	ND<300	96	40-140
bis(2-Ethylhexyl)phthalate	ND<300	108	40-140
Di-n-octylphthalate	ND<300	110	40-140
Benzo[b]fluoranthene	ND<300	121	40-140

Project: Parcel C South, Naugatuck
Cet#: 11010072

QA Type: EPA 8270C Semi-Volatile Organics Date Analyzed: 1/4/2011 Batch ID: 71028

Analyte	Blank	LCS%Rec	LCS CL
Benzo[k]fluoranthene	ND<300	128	40-140
Benzo[a]pyrene	ND<300	108	40-140
Indeno[1,2,3-cd]pyrene	ND<300	69	40-140
Dibenz[a,h]anthracene	ND<300	73	40-140
Benzo[g,h,i]perylene	ND<300	55	40-140

All associated samples: AE60664

QA Type: SPLP Metals Date Analyzed: 1/7/2011 Batch ID: 71029

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<0.013	98	80-120
Arsenic	ND<0.009	101	80-120

All associated samples: AE60664

QA Type: Total Metals Date Analyzed: 1/6/2011 Batch ID: 71037

Analyte	Blank	LCS%Rec	LCS CL
Lead	ND<2.0	93	80-120
Arsenic	ND<1.0	98	80-120

All associated samples: AE60664

Project: Parcel C South, Naugatuck
Cet#: 11010072

Matrix Spike Report

QA Type: Total Metals Date Analyzed: 1/6/2011 Sample ID: AE60664 Client ID: West Wall 2 6ft

Analyte	SampRes	Amt	MS%R	MSD%R	MS CL	RPD	RPD CL
Lead	6.5	26.0	96	98	75-125	2.00	35
Arsenic	2.1	26.0	102	100	75-125	2.40	35

ND is not detected

Initial Cal. Report

Compound	Batch#	%RSD	Limits
Initial Calibration VOC			
Chloromethane	71027	36 H	20
Vinyl Chloride	71027	26 H	20
Bromomethane	71027	34 H	20
Methylene Chloride	71027	21 H	20
2,2-Dichloropropane	71027	25 H	20
Tetrahydrofuran	71027	21 H	20
All associated samples: AE60664			
Initial Calibration SVOC			
Benzyl Alcohol	71028	21 H	20
2,4-Dinitrophenol	71028	27 H	20
All associated samples: AE60664			

Cont. Cal. Report

Compound	Batch#	Result	Limits	Analysis Date
Volatile Organics Cont Cal				
Acrylonitrile	71027	70 H	35-65	1/6/2011
Methyl Isobutyl Ketone	71027	140 H	70-130	1/6/2011
2-Hexanone	71027	140 H	70-130	1/6/2011
1,2-Dibromo-3-Chloropropane	71027	69 H	35-65	1/6/2011
All associated samples: AE60664				
Semi-Vol Cont Cal				
Hexachloroethane	71028	23 L	35-65	1/7/2011
2-Nitrophenol	71028	24 L	40-60	1/7/2011
Hexachlorocyclopentadiene	71028	17 L	35-65	1/7/2011
2,4-Dinitrophenol	71028	15 L	35-65	1/7/2011
4,6-Dinitro-2-methylphenol	71028	13 L	35-65	1/7/2011
All associated samples: AE60664				

QC Batch Report

Conn. Extractable TPH Batch 71001

CET ID	Client Sample ID	Matrix	Collection Date
AE60664	West Wall 2 6ft	Soil	1/4/2011

Volatile Organics Batch 71027

CET ID	Client Sample ID	Matrix	Collection Date
AE60664	West Wall 2 6ft	Soil	1/4/2011

EPA 8270C Semi-Volatile Organics Batch 71028

CET ID	Client Sample ID	Matrix	Collection Date
AE60664	West Wall 2 6ft	Soil	1/4/2011

SPLP Metals Batch 71029

CET ID	Client Sample ID	Matrix	Collection Date
AE60664	West Wall 2 6ft	Soil	1/4/2011

Total Metals Batch 71037

CET ID	Client Sample ID	Matrix	Collection Date
AE60664	West Wall 2 6ft	Soil	1/4/2011

Narrative

4. Acrylonitrile LCS recovery high (140%) for batch 71027.
   Tetrahydrofuran LCS recovery high (145%) for batch 71027.
   Methyl Isobutyl Ketone LCS recovery high (138%) for batch 71027.
   2-Hexanone LCS recovery high (143%) for batch 71027.
   1,2-Dibromo-3-Chloropropane LCS recovery high (138%) for batch 71027.
   Hexachlorocyclopentadiene LCS recovery low (28%) for batch 71028.
   2,4-Dinitrophenol LCS recovery low (14%) for batch 71028.
   4,6-Dinitro-2-methylphenol LCS recovery low (19%) for batch 71028.
   Chloromethane Initial Cal % RSD high(36%) for batch 71027.
   Vinyl Chloride Initial Cal % RSD high(26%) for batch 71027.
   Bromomethane Initial Cal % RSD high(34%) for batch 71027.
   Methylene Chloride Initial Cal % RSD high(21%) for batch 71027.
   2,2-Dichloropropane Initial Cal % RSD high(25%) for batch 71027.
   Tetrahydrofuran Initial Cal % RSD high(21%) for batch 71027.
   Benzyl Alcohol Initial Cal % RSD high(21%) for batch 71028.
   2,4-Dinitrophenol Initial Cal % RSD high(27%) for batch 71028.
   Acrylonitrile CC high for batch 71027.
   Methyl Isobutyl Ketone CC high for batch 71027.
   2-Hexanone CC high for batch 71027.
   1,2-Dibromo-3-Chloropropane CC high for batch 71027.
   Hexachloroethane CC low for batch 71028.
   2-Nitrophenol CC low for batch 71028.
   Hexachlorocyclopentadiene CC low for batch 71028.
   2,4-Dinitrophenol CC low for batch 71028.
   4,6-Dinitro-2-methylphenol CC low for batch 71028.

6. The client requested a subset of the RCP metals list.

Project: Parcel C South, Naugatuck
Cet#: 11010072

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Std. (IS)	An analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Rec.(Surr Rec)	The % recovery for non-target organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period. Samples are of the same matrix.
ND	Not detected.
Dilution	Multiplier applied to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate	Result from the duplicate analysis of a sample.
Samp. Res.	Amount of analyte found in a sample.
Spk. Amt. (Amt)	Amount of analyte added to a sample.
Spk. Res.	Amount of analyte found including amount that was spiked.
Spk. Dup. Res.	Amount of analyte found in duplicate spikes including amount that was spiked.
MS%R	% recovery of spiked amount in sample.
MSD%R	% recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between MS and MSD
Blank	Method blank that has been taken through all steps of the analysis.
LCS % Rec.	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Control Limits	A range within which specified measurement results must fall to be compliant.
MS CL	Control limits for matrix spike and matrix spike dup.
RPD CL	Control limits for RPD.
Cont. Cal. (CC)	Continuing Calibration

Flags:

H-	Recovery is above control limits
L-	Recovery is below control limits
B-	Compound detected in the Blank
P-	RPD of dual column results exceeds 40%
#-	Sample result too high for accurate spike recovery

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903
Rhode Island Laboratory Certification 199

CET #

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

CHAIN OF CUSTODY RECORD

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Turnaround Time ** (check one): Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Additional Analysis: TOTAL LEAD	TOTAL ARSENIC	SPLP LEAD	SPLP ARSENIC						TOTAL # OF CONT.	NOTE #
WEST WALL 2 @ 6FT	1/4/11 / 930	SOIL			X		X					X	X												X	X	X	X						5	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Gerald Nuhl	1-5-11 / 1050	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Please send results to Chris EGGERS Also at CEGGERS@geodesign.NET

Client / Reporting Information

Company Name: Geo Design Inc
Address: 984 South Ford Road
City: Middlebury State: CT Zip: 06762
Report To: ~~Chris~~ AL Kovalik E-mail: AKovalik@geodesign.NET
Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: AL Kovalik PO #: 3101-4.1
Project: Parcel C South Project #: 3101-4.1
Location: Naugatuck Collector(s): GJM
QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *
Data Report: ☒ Email ☒ PDF ☐ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 4.1 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

COMPLETE ENVIRONMENTAL TESTING, INC.

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Eggers
GeoDesign
984 Southford Rd
Middlebury, CT 06492

RC-1 (Reconfirmation)

Analytical Report

RECEIVED
JAN 10 2011
GeoDesign, Inc.

CET # 11010010

Report Date: January 6, 2011
Client Project: Parcel C South, Naugatuck
Client Project #: 3101-4.1

Connecticut Laboratory Certification PH 0116
Massachusetts Laboratory Certification M-CT903

Rhode Island Certification 199
Florida Laboratory Certification E871064

SAMPLE SUMMARY:

This report contains analytical data associated with the following samples only:

CETID	Client Sample ID	Matrix	Collection Date	Collection Time	Receipt Date
AE60452	RC1	Soil	1/3/2011	9:35	01/03/2011

Sample temperature upon receipt was 4.7 degrees C

PREP ANALYSIS:

Accelerated Solvent Ext. SVOC [EPA 3545A]

Client ID	RC1
CET ID	AE60452
Date Analyzed	1/4/2011

Ultrasonic Extraction-ETPH [EPA 3550C]

Client ID	RC1
CET ID	AE60452
Date Analyzed	1/5/2011

ANALYSIS:

Total Solids [EPA 160.3 mo] Units: percent

Client ID	RC1
CET ID	AE60452
Date Analyzed	1/5/2011
Total Solids	93

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	RC1
CET ID	AE60452
Date Analyzed	1/4/2011
Dilution	1.0
Pyridine	ND < 108
n-Nitroso-dimethylamine	ND < 323
bis(2-Chloroethyl)ether	ND < 323
Phenol	ND < 323
Aniline	ND < 323
2-Chlorophenol	ND < 323
1,3-Dichlorobenzene	ND < 323
1,4-Dichlorobenzene	ND < 323
Benzyl Alcohol	ND < 323
1,2-Dichlorobenzene	ND < 323
bis(2-chloroisopropyl)ether	ND < 323

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	RC1
Hexachloroethane	ND < 323
N-Nitroso-di-n-propylamine	ND < 323
2-Methyl Phenol	ND < 323
3+4 Methyl Phenol	ND < 323
Nitrobenzene	ND < 323
Isophorone	ND < 323
2-Nitrophenol	ND < 323
2,4-Dimethylphenol	ND < 323
bis(2-Chloroethoxy)methane	ND < 323
Benzoic Acid	ND < 323
2,4-Dichlorophenol	ND < 323
1,2,4-Trichlorobenzene	ND < 323
Naphthalene	ND < 323
2,6-Dichlorophenol	ND < 323
4-Chloroaniline	ND < 323
Hexachlorobutadiene	ND < 323
4-Chloro-3-methylphenol	ND < 323
2-Methyl Naphthalene	ND < 323
Hexachlorocyclopentadiene	ND < 323
2,4,6-Trichlorophenol	ND < 323
2,4,5-Trichlorophenol	ND < 323
2-Chloronaphthalene	ND < 323
2-Nitroaniline	ND < 323
Acenaphthylene	ND < 323
Dimethylphthalate	ND < 323
2,6-Dinitrotoluene	ND < 323
4-Nitroaniline	ND < 323
Acenaphthene	ND < 323
2,4-Dinitrophenol	ND < 323
2,4-Dinitrotoluene	ND < 323
4-Nitrophenol	ND < 323
Dibenzofuran	ND < 323
2,3,4,6-Tetrachlorophenol	ND < 323
Fluorene	ND < 323
4-Chlorophenyl-phenylether	ND < 323
Diethylphthalate	ND < 323
3-Nitroaniline	ND < 323
4,6-Dinitro-2-methylphenol	ND < 323
n-Nitrosodiphenylamine	ND < 323
Azobenzene	ND < 323
4-Bromophenyl-phenylether	ND < 323
Hexachlorobenzene	ND < 323
Pentachlorophenol	ND < 323
Phenanthrene	ND < 323
Anthracene	ND < 323
Carbazole	ND < 323
Di-n-butylphthalate	ND < 323
Fluoranthene	ND < 323
Pyrene	ND < 323
Butylbenzylphthalate	ND < 323
3,3-Dichlorobenzidine	ND < 323
Benzo[a]anthracene	ND < 323

EPA 8270C Semi-Volatile Organics [EPA 8270D] Units: ug/kg (Dry Wt)

Client ID	RC1
Chrysene	ND < 323
bis(2-Ethylhexyl)phthalate	ND < 323
Di-n-octylphthalate	ND < 323
Benzo[b]fluoranthene	ND < 323
Benzo[k]fluoranthene	ND < 323
Benzo[a]pyrene	ND < 323
Indeno[1,2,3-cd]pyrene	ND < 323
Dibenz[a,h]anthracene	ND < 323
Benzo[g,h,i]perylene	ND < 323
2-Fluorophenol (Surr) 30-130	64.7
Phenol-d5 (Surr) 30-130	61.3
Nitrobenzene-d5(Surr) 30-130	62.6
2-Fluorobiphenyl (Surr) 30-130	73.8
2,4,6-Tribromophenol (Surr) 30-130	64.2
Terphenyl-d14 (Surr) 30-130	68.9

Conn. Extractable TPH Dup [CT DEP] Units: mg/kg (Dry Wt)

Client ID	RC1
CET ID	AE60452
Date Analyzed	1/5/2011
Dilution	1.0
ETPH	ND < 54
Octacosane (surr)	93.4

Conn. Extractable TPH [CT DEP] Units: mg/kg (Dry Wt)

Client ID	RC1
CET ID	AE60452
Date Analyzed	1/5/2011
Dilution	1.0
ETPH	ND < 54
Octacosane (surr) 50-150	94

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,

David Ditta
Laboratory Director

Report Comments:

1. ND is None Detected at the specified detection limit.
2. All analyses were performed in house unless a Reference Laboratory is listed.
3. Samples will be disposed of 30 days after the report date.
4. Sample Result Flags:
   E - The result is estimated, above the calibration range.
   H - The surrogate recovery is above the control limits.
   L - The surrogate recovery is below the control limits.
   B - The compound was detected in the laboratory blank.
   P - The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
   D - The RPD between the sample and the sample duplicate is high. Sample homogeneity may be a problem.
5. All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

11010010

CET
COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Sample ID	Date/Time	Matrix (A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify))	Same Day	24 Hours	2 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Additional Analysis										TOTAL # OF CONT.	NOTE #
RC 1	1-3-2011 / 935AM	SOIL			2								X	X																						

Turnaround Time ** (check one): Same Day | 24 Hours | 2 Days | Standard

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Eggers	1/3/2011 / 1125AM	[illegible]
[illegible]	1-3-11 1620	[illegible]

NOTES:
Copy Results to AKoulik@geodesign.net

Client / Reporting Information

Company Name: GeoDesign Inc.
Address: 984 Southford Road
City: Middlebury State: CT Zip: 06762
Report To: Chris Eggers E-mail: Eggers@geodesign.net
Phone #: 203-758-8836 ext 113 Fax #:

Project Information

Project Contact: Al Koulik PO #: 3101-4.1
Project: PARCEL - C - SOUTH Project #: 3101-4.1
Location: NAUGATUCK, CT Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg *
Data Report: ☐ Email ☐ PDF ☐ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 4.7 °C
SHEET ____ OF ____

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2-3 Days, Standard

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2-3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	TPH (418.1)	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
RC 1	1-3-2011 / 935AM	SOL			2								X	X													

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Egan	1/3/2011 / 1125AM	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:
Copy Results to AKovalik@geodesign.net

Client / Reporting Information

Company Name: GeoDesign Inc.
Address: 984 Southford Road
City: Middlebury State: CT Zip: 06762
Report To: Chris Egan E-mail: cegan@geodesign.net
Phone #: 203-758-8836 ext 113 Fax #:

Project Information

Project Contact: Al Kovalik PO #: 3101-4.1
Project: PARCEL - C - SOUTH Project #: 3101-4.1
Location: NAUGATUCK, CT Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg *
Data Report: ☐ Email ☐ PDF ☐ Excel ☐ Other
RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 4.7 °C

SHEET ____ OF ____

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

CET # _____

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 2-3 Days *, Std (5-7 Days)

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides, Herbicides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis: Moisture Cont

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Moisture Cont	TOTAL # OF CONT.	NOTE #
CONF 33 @ 4'	4/13/11 100	Soil			3		X					X	X							X		X			X	5	
BLDG 25/SW-1 @ 2'	4/13/11 105	Soil			3							X	X							X		X				1	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)							O					C	C							C		C			C	6	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)							V					G	G							G		G			G		
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)							M/B																				

RELINQUISHED BY: Gerald Muhl DATE/TIME 4/13/10 955 RECEIVED BY:

RELINQUISHED BY: DATE/TIME RECEIVED BY:

RELINQUISHED BY: DATE/TIME RECEIVED BY:

NOTES: Please Report Results to Tim Carr and Chris Eggers at Tim@geodesign.net and CEggers@geodesign.net.

Client / Reporting Information

Company Name: GeoDesign, Inc

Address: 984 Southford Road

City: Middlebury State: CT Zip: 06762

Report To: Tim Carr and Chris Eggers E-mail: Tim@geodesign.net / CEggers@geodesign.net

Phone #: 203-758-8836 Fax #:

Project Information

Project Contact: Tim Carr PO #: 3101-4.1

Project: Parcel C Project #: 3101-4.1

Location: Naugatuck CT Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 3.4 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

CET # _____

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipes, Other (Specify)

Sample ID	Date/Time	Matrix	Turnaround Time ** (check one): Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
Conf 34 @ 4'	4/15/11 1120	Soil			3							X	X							X		X				1	
BLDG 25/SW-2 @ 2'	4/15/11 1123	Soil			3							X	X							X		X				1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Bernard Mink	4-18-11 1030	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Please Also Send Results to Chris Eggers CEggers@geodesign.net

Client / Reporting Information

Company Name: Geo Design INC

Address: 984 South Fund Road

City: Middlebury State: CT Zip: 06762

Report To: Tim Carr E-mail: Tim@geodesign.net

Phone #: 203 758-8836 x106 Fax #: 203-758-8842

Project Information

Project Contact: Tim Carr PO #: 3101-4.1

Project: Parcel C Project #: 3101-4.1

Location: Newgatuck Collector(s): GSM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt: 3.4 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

CET #

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Sample ID	Date/Time	Matrix	Turnaround Time ** (check one): Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
CONF 35@ 4'	4/19/11 7:45	Soil			3							X	X							X		X				1	

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides, Herbicides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	4-19-11	1775 [signature]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Please also send results to Mr. Chris Eggers (ceggers@geodesign.net)

Client / Reporting Information

Company Name: GeoDesign, Inc.

Address: 984 Southford Road

City: Middlebury State: CT Zip: 06762

Report To: Tim Carr E-mail: tim@geodesign.net

Phone #: 203 758-8836 x106 Fax #: 203-758-8842

Project Information

Project Contact: Tim Carr PO #: 3101-004.01

Project: Parcel C Project #: 3101-004.01

Location: Naugatuck Collector(s): ~~GJM~~ RPJ/CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 11.3 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

CET # _____

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 2-3 Days *, Std (5-7 Days)

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
CONF 36@ 4'	4/20/2011 - 1010	SOIL			3							X	X							X		X					

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Gerald Mihl	4/21/11 1155	RBlc
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:
Also report to ceggers@geodesign.net

Client / Reporting Information

Company Name: GeoDesign, Inc.

Address: 984 Southford Road

City: Middlebury State: CT Zip: 06762

Report To: Tim Carr E-mail:

Phone #: 203-758-8836 x106 Fax #: 203-758-8842

Project Information

Project Contact: Tim Carr PO #: 3101-4.1

Project: Parcel C-South Project #: 3101-4.1

Location: Naugatuck Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg * ☐ DQAW *

Data Report: ☒ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☒ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 6.3 °C

SHEET 1 OF _____

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

CET # _____

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 2-3 Days *, Std (5-7 Days)

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides, Herbicides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	SPLP 8260	TCLP 8260	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL LEAD	TCLP	SPLP LEAD	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
Conf 37 @ 4'	4/29/10 1112	S			3							X	X							X		X			1	
Conf 38 @ 4'	↓ 1120	↓																							1	
Conf 39 @ 5.5'	1155																								1	
Conf 40 @ 6.0'	↓ 1210	↓																							1	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)												C	C							C		C				
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)																				C		C			4	
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)																										

RELINQUISHED BY: [illegible] DATE/TIME 5-7-11 RECEIVED BY: [illegible]

RELINQUISHED BY: DATE/TIME RECEIVED BY:

RELINQUISHED BY: DATE/TIME RECEIVED BY:

NOTES: Also send Results to Chris Essers at CEssers@cetlabs.net

Client / Reporting Information

Company Name: Geo Dorsey

Address: 194 Saint Road

City: Milford State: CT Zip: 06762

Report To: Tim Carr E-mail: Tim@geodorsey.net

Phone #: 203 758 8836 x16 Fax #: 203 758 8842

Project Information

Project Contact: Tim Carr PO #: [illegible]

Project: [illegible] Project #: [illegible]

Location: [illegible] Collector(s): GM

QA/QC ☐ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *

Data Report ☐ Email ☐ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 8.4 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

CET #

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 2-3 Days *, Std (5-7 Days)

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, SPLP 8260, TCLP 8260, CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides, Herbicides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL LEAD, TCLP, SPLP LEAD, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	CT ETPH	8270 CT List	TOTAL LEAD	SPLP LEAD	TOTAL # OF CONT.	NOTE #
Conf 41 @ 6'	5/4/11 750	S			3		X	X	X	X	1	
Conf 42 @ 6'	5/4/11 755	S			3		X	X	X	X	1	
PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)							C	C	C	C	2	
CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)							G	G	G	G		

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	5-4-11 1050	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Also please send copy of Results to Chris Eggers at CEggers@geodesign.NET

Client / Reporting Information

Company Name: GeoDesign, Inc

Address: 984 Southford Road

City: Middlebury State: CT Zip: 06762

Report To: Tim Carr E-mail: Tim@geodesign.net

Phone #: 203-758-8836 x116 Fax #: 203-758-8842

Project Information

Project Contact: ~~Rancel C~~ Tim Carr PO #: 3101-4.1

Project: Rancel C Project #: 3101.4.1

Location: Naugatuck Collector(s): GJM

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *

Data Report: ☐ Email ☐ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (specify)

Lab Use: Evidence of Cooling: Y or N
Temp Upon Receipt 3.4 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day.

REV. 7/1/10

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUST

GA 10 + GA 11

Samples on HOLD PER ANK

s Only:

e and Time in Freezer

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day, 24 Hours, 2–3 Days, Standard

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day	24 Hours	2–3 Days	Standard	8260 CT List	8260 Aromatics	8260 Halogens	SPLP LEAD	SPLP ARSENIC	TOTAL # OF CONT.	NOTE #
GA 10	11-23-10 / 900	S		H			X			X	X	5	
GA 11	11-23-10 / 920	S		H			X			X	X	5	
												10	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

CONTAINER TYPE (P–Plastic, G–Glass, V–Vial, O–Other)

Soil VOCs Only (M=MeOH B= Sodium Bisulfate W=Water F= Empty Vial E=Encore)

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[illegible]	11-23-2010/1121	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Copy results to AKuvalik@GeoDesign.net

HOLD SAMPLES Until asked to proceed w/ tests

Client / Reporting Information

Company Name: GeoDesign Inc.

Address: 984 SOUTHFORD RD

City: MIDDLEBURY State: CT Zip: 06492

Report To: Chris Eggers E-mail: CEggers@GeoDesign.net

Phone #: 203-758-8836 Fax #: 203-758-8842

Project Information

Project Contact: Al Kuvalik PO #: 3101-4.1

Project: PARCEL C-South Project #: 3101-4.1

Location: NAUGATUCK, CT Collector(s): CGE

QA/QC: ☐ Std ☐ Site Specific (MS/MSD) * ☒ RCP Pkg *

Data Report: ☐ Email ☒ PDF ☒ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☐ Other (Specify)

Lab Use:
Evidence of Cooling: (Y) or N
Temp Upon Receipt 13.0 °C

SHEET 1 OF 1

* Additional charge may apply. ** TAT begins when the samples are received at the Lab. TAT for samples received after 3 p.m. will start on the next business day.

REV. 5/9/06

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. _____

Client Information		Report to:		Invoice To:		Client Project ID	Turn-Around Time		Report Type/Deliverables	
Company:	GeoDesign, Inc.	SAME	X	SAME	X	PARCEL C- SOUTH 3101-4.1	RUSH Same Day		Summary	
Address:	984 Southford Road	Name:		Name:			RUSH Next Day		QA/QC Summary	
	Middlebury, CT 06762	Company:		Company:			RUSH Two Day	X	CT RCP Pkg	X
Phone no.:	203-758-8836	Address:		Address:		Purchase Order no. 3101-4.1	RUSH Three Day		ASP A Pkg	
Contact Person	ALKOVALIK						RUSH Four Day		ASP B Pkg	
E-mail Addr.:	AKOVALIK@GEODESIGN.NET	E-mail:		E-mail			Standard (5-7 days)		Excel	X
FAX No.:	203-758-8842	Fax No.:		Fax No.:		Samples from: CT X NY __ NJ __	OTHER		EDD	PDF

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Gerald Mishler
Samples Collected/Authorized By (Signature)

GERALD MISHLER
Name (printed)

Matrix Codes	
S -	soil
Other -	specify (oil, etc.)
WW -	wastewater
GW -	groundwater
DW -	drinking water
Air-A -	ambient air
Air-SV -	soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAI	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part 360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part 360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360-Quarterly Sel Inorganics	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360-Quarterly Full List	Aquatic Tox	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Ag, etc.	Helium	TAGM	Silica	MBAS	TPH-IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SS-2B	5/5/10	SOIL	8260, CT ETPH, 8270, TOTAL LEAD, TOTAL ARSENIC, PH,	3 VOAs
			SPLP LEAD + ARSENIC, TOTAL SOLID, SPLP 8270.	1 8oz
				1 2oz
				5 TOTAL

Comments

Please email Results to AL KOVALIK @ AKOVALIK@GEODESIGN.NET or Ping Gan @ PGAN@GEODESIGN.NET

Preservation "X" those applicable

Cool 4°C ___ HNO3 ___ H2SO4 ___ NaOH ___ NONE ___ FROZEN ___

Gerald Mishler	5/5/10	Kyle Bath	5-5-10 1:30 pm
Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt ____ °C

EMSL Analytical, Inc.
4 Fairfield Boulevard, Wallingford, CT 06492
Phone: 203-284-5948 Fax: (203) 284-5978 Email: wallingfordlab@emsl.com

Attn: **Gerald Mishler**
GeoDesign Inc
984 Southford Road
Middlebury, CT 06762

Fax: (203) 758-8842 Phone: (203) 758-8836
Project: **PARCEL C SOUTH**

Customer ID: GDI50
Customer PO: 3101-4.1
Received: 11/23/10 10:40 AM
EMSL Order: 241004104

EMSL Proj:
Analysis Date: 11/24/2010

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos				Asbestos	
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**%**	**Type**
TSI-1 *241004104-0001*	WHITE FIBROUS PIPE INSULATION (6-8" PIPE)	White Fibrous Heterogeneous	<1%	Fibrous (other)	55%	Non-fibrous (other)	**45%**	**Chrysotile**
TSI-2 *241004104-0002*	BLACK PIPE WRAP (OUTER WRAP)	Black Fibrous Heterogeneous	15% <1%	Cellulose Fibrous (other)	83%	Non-fibrous (other)	**2%**	**Chrysotile**

Initial report from 11/24/2010 09:30:43

Analyst(s)

William Shedrawy (2)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client.Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. 4 Fairfield Boulevard, Wallingford CT NVLAP Lab Code 200700-0,

THIS IS THE LAST PAGE OF THE REPORT.

Asbestos Lab Services Chain of Custody

EMSL Order Number *(Lab Use Only):*

EMSL ANALYTICAL, INC.
Wallingford, CT
4 Fairfield Blvd
Wallingford, CT 06492
PHONE: (203) 284-5948
FAX: (203) 284-5978

Company: GeoDesign, Inc	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 984 Southford Road	
City/State/Zip: Middlebury, CT 06762	
Report To (Name): Gerald Mishler	**Fax:**
Telephone: 203-758-8836 x 127	**Email Address:** gmishler@geodesign.net
Project Name/Number: Parcel C-South	
Please Provide Results: Email	**Purchase Order:** 3101-4.1 / **State Samples Taken:** CT

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

**For TEM Air 3 hours/6 hours, please call ahead to schedule.*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.*

PCM - Air
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☒ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable in NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NIOSH 9002 (<1%)

TEM – Air ☐ **4-4.5hr TAT (AHERA only)**
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ Chatfield SOP
- ☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
- ☐ PLM CARB 435 - A (0.25% sensitivity)
- ☐ PLM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - B (0.1% sensitivity)
- ☐ TEM CARB 435 - C (0.01% sensitivity)
- ☐ EPA Protocol (Semi-Quantitative)
- ☐ EPA Protocol (Quantitative)

Other:
- ☐

☐ **Check For Positive Stop – Clearly Identify Homogenous Group**

Samplers Name: **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
TSI-1	white Fiberous pipe insulation (6-8" pipe)		11/23/10
TSI-2	BLACK pipe wrap (water wrap)		11/23/10

Client Sample # (s): **Total # of Samples:** 2

Relinquished (Client): Gerald Mishler **Date:** 11/23/10 **Time:** 830

Received (Lab): **Date:** **Time:**

Comments/Special Instructions: 24 hr Turn Around
Also send results to Chris Eggers @ CEGGERS@geodesign.NET

RECEIVED
NOV 23 2010
By BD 10:40

APPENDIX 9

TRUCK RECORD LOGS AND WEIGHT DISPOSAL TICKETS

- **LEAD CONTAMINATED SOIL**
- **RUBBER AND SOIL FROM NORTHEAST PORTION OF SITE**
- **ESCO TREATED STOCKPILE WITH PAH COMPOUND EXCEEDANCES**

Ticket No 127524

TED ONDRICK COMPANY
58 INDUSTRY RD.
CHICOPEE MA 01020

Date 12/10/2009
Time 8:58:40 AM

Tracking No. 9-12-12461CT

Site Information Parcel C-South
Corner of Maple & N. Water Streets
Naugatuck, CT

Product 93

Truck # 41483 A

Gross	53860	lbs
Tare	29800	lbs
Net	24060	lbs
	12.03	Ton

Loads To Date 1

Qty To Date 12.03

Qty Today 12.03

Loads Today 1

Naugatuck, CTnano8

Driver

Ticket No 127528

TED ONDRICK COMPANY
58 INDUSTRY RD.
CHICOPEE MA 01020

Date 12/10/2009
Time 9:16:00 AM

Tracking No. 9-12-12461CT

Site Information Parcel C-South
Corner of Maple & N. Water Streets
Naugatuck, CT

Product 93

Truck # 41487A

Gross	61300	lbs
Tare	28380	lbs
Net	32920	lbs
	16.46	Ton

Loads To Date 2

Qty To Date 28.49

Qty Today 28.49

Loads Today 2

Naugatuck, CTnano7

Driver

Ticket No 127531

TED ONDRICK COMPANY
58 INDUSTRY RD.
CHICOPEE MA 01020

Date 12/10/2009
Time 9:29:59 AM

Tracking No. 9-12-12461CT

Site Information Parcel C-South
Corner of Maple & N. Water Streets
Naugatuck, CT

Product 93

Truck # 47016 A

Gross 54700 lbs
Tare 28760 lbs

Net 25940 lbs
12.97 Ton

Loads To Date 3

Qty To Date 41.46

Qty Today 41.46

Loads Today 3

Naugatuck, CTnano2

Driver NC

Ticket No 127543

TED ONDRICK COMPANY
58 INDUSTRY RD.
CHICOPEE MA 01020

Date 12/10/2009
Time 11:34:23 AM

Tracking No. 9-12-12461CT

Site Information Parcel C-South
Corner of Maple & N. Water Streets
Naugatuck, CT

Product 93

Truck # 41483 A

Gross 64860 lbs
Tare 29800 lbs

Net 35060 lbs
17.53 Ton

Loads To Date 4

Qty To Date 58.99

Qty Today 58.99

Loads Today 4

Naugatuck, CTtx8

Driver

Ticket No 127554

TED ONDRICK COMPANY
58 INDUSTRY RD.
CHICOPEE MA 01020

Date 12/10/2009
Time 12:47:16 PM

Tracking No. 9-12-12461CT

Site Information Parcel C-South
Corner of Maple & N. Water Streets
Naugatuck, CT

Product 93

Truck #47016A

Gross 56500 lbs
Tare 28760 lbs

Net 27740 lbs
13.87 Ton

Loads To Date 6

Qty To Date 93.32

Qty Today 93.32

Loads Today 6

Naugatuck, CTtx

Driver NC

Ticket No 127570

TED ONDRICK COMPANY
58 INDUSTRY RD.
CHICOPEE MA 01020

Date 12/10/2009
Time 2:13:56 PM

Tracking No. 9-12-12461CT

Site Information Parcel C-South
Corner of Maple & N. Water Streets
Naugatuck, CT

Product 93

Truck #41483 A

Gross 56880 lbs
Tare 29800 lbs

Net 27080 lbs
13.54 Ton

Loads To Date 7

Qty To Date 106.86

Qty Today 106.86

Loads Today 7

Naugatuck, CTtx 8

Driver JC

Ticket No
127548

TED ONDRICK COMPANY
58 INDUSTRY RD.
CHICOPEE MA 01020

Date 12/10/2009
Time 12:17:33 PM

Tracking No. 9-12-12461CT

Site Information Parcel C-South
Corner of Maple & N. Water Streets
Naugatuck, CT

Product 93

Truck #41487A

Gross 69220 lbs
Tare 28300 lbs

Net 40920 lbs
20.46 Ton

Loads To Date 5

Qty To Date 79.45

Qty Today 79.45

Loads Today 5

Naugatuck, CTtx7

Driver Jon C.

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention

Material Shipping Record & Log

9-12-1246 / CT
Tracking Number

For the shipment of contaminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under 310 CMR 30.000

J Load Information

Note: Make additional copies of this page as necessary.

LOAD #: 1

Signature of transporter: J C Sie

Receiving facility: CSMH

Date received: 12-10-09

Time received: 8:57 AM

Date of shipment: 12-10-09

Time of shipment: 7:10 AM

Truck/Tractor registration: 41483 A CT

Trailer registration:

Load size (cubic yards/tons): 12.03 ton

LOAD #: 2

Signature of transporter: Jon C.

Receiving facility: CSMH

Date received: 12-10-09

Time received: 9:15

Date of shipment: 12-10-09

Time of shipment: 9:50

Truck/Tractor registration: 41487 A CT

Trailer registration: —

Load size (cubic yards/tons): 16.46 ton

LOAD #: 3

Signature of transporter: NC

Receiving facility: CSMH

Date received: 12-10-09

Time received: 9:29 AM

Date of shipment: 12-10-09

Time of shipment: 8:30

Truck/Tractor registration: 47016 A CT

Trailer registration: —

Load size (cubic yards/tons): 12.97 ton

LOAD #: 4

Signature of transporter: J C Sie

Receiving facility: CSMH

Date received: 12-10-09

Time received: 11:33 AM

Date of shipment: 12-10-09

Time of shipment: 10:20 AM

Truck/Tractor registration: 41483 A CT

Trailer registration: —

Load size (cubic yards/tons): 17.53 ton

K Log Sheet Volume Information

58.99 ton
Total volume this page (cubic yards/tons)

0 ton
Total carried forward (cubic yards/tons)

58.99 ton
Total carried forward and this page (cubic yards/tons)

Page 1 of ___

RECEIVED
DEC 17 2009
MANAFORT BROTHERS INC

Massachusetts Department of Environmental Protection
Bureau of Waste Prevention

Material Shipping Record & Log

9-12-12461C7
Tracking Number

For the shipment of contaminated soil, urban fill, and dredge materials not subject to management under section 310 CMR 40.0035 nor manifesting under 310 CMR 30.000

Note: Make additional copies of this page as necessary.

J Load Information

LOAD #: 5
Signature of transporter: A Jon C.
Receiving facility: SMH
Date received: 12-10-09
Time received: 12:16pm
Date of shipment: 12-10-09
Time of shipment: 11:00
Truck/Tractor registration: 41487 AC
Trailer registration: TX7
Load size (cubic yards/tons): 20.46 ton

LOAD #: 6
Signature of transporter: NC
Receiving facility: SMH
Date received: 12-10-09
Time received: 12:45pm
Date of shipment: 12-10-09
Time of shipment: 11:15
Truck/Tractor registration: 47016 AC
Trailer registration: TX-2
Load size (cubic yards/tons): 13.87 ton

LOAD #: 7
Signature of transporter: JC
Receiving facility: SMH
Date received: 12-10-09
Time received: 2:13pm
Date of shipment: 12-10-09
Time of shipment: 1245
Truck/Tractor registration: 41483 AC
Trailer registration: TX 8
Load size (cubic yards/tons): 13.54 ton

LOAD #:
Signature of transporter:
Receiving facility:
Date received:
Time received:
Date of shipment:
Time of shipment:
Truck/Tractor registration:
Trailer registration:
Load size (cubic yards/tons): ton

K Log Sheet Volume Information

47.87 ton
Total volume this page (cubic yards/tons)

58.99 ton
Total carried forward (cubic yards/tons)

106.86 ton
Total carried forward and this page (cubic yards/tons)

Page 2 of

RECEIVED
DEC 17 2009
MANAFORT BROTHERS INC.

Fragmented Rubber + soil
Removal from 12' excavation
AREA (Buried Rubber)

Truck Record Sheet
Parcel C - South Remediation
GeoDesign No. 3101-4.1

Date: 7/19/10 Field Report No: _____ Page 1 of 1

	No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity ~~tons (cy)~~	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)	
1st Run	1	LOGUE FARMS	47002-A	RUBBER SOIL FROM 12-FOOT CUT AREA	Upton, MA	24	—	1584	24.53	1
	2	NANO CONST.	47015-A	" "	Upton, MA	24	—	1583	20.88	
	3	NANO CONST.	47014-A	" "	Upton, MA	24	—	1587	24.58	
	4	NANO CONST.	48985-A	" "	Upton MA	24	—	1588	23.05	
	5	GT	38700-A	" "	Upton, MA	24	—	1595	22.45	
	6	GT	42958-A	" "	Upton, MA	24	—	1594	21.82	
2nd Run	7	NANO CONST	47015-A	" "	Upton, MA	24	—	1619	25.02	
	8	LOGUE FARMS	47022-A	" "	Upton, MA	24	—	1623	25.78	2
	9	NANO CONST	47014-A	" "	Upton, MA	24	—	1622	27.18	
	10	NANO CONST	48985-A	" "	Upton, MA	24	—	1621	26.48	
	11	GT	38700-A	" "	Upton, MA	24	—	1626	24.82	
	12	GT	42958-A	" "	Upton, MA	24	—	1627	25.35	
									291.94	total

GeoDesign Representative: GJM

* GT tri-axles [illegible] Upton, MA [illegible]

Fragmented Rubber + Soil
Removed F... 12' excavation
Area (Buried Rubber)

Truck Record Sheet
Parcel C - South Remediation
GeoDesign No. 3101-4.1

Date: 7/20/10 Field Report No: _____ Page 1 of 1

	No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity ~~tons~~ (cy)	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)	
1st Run	1	Logue Farms	47002-A	Rubber Soil from 12' foot cut area	Upton, MA	24	—	1637	26.41	
	2	Nano Const	47015-A	" "	Upton, MA	24	—	1636	24.21	1
	3	Nano Const	48995-A	" "	Upton, MA	24	—	1650	25.46	
	4	Nano Const	47014-A	" "	Upton MA	24	—	1641	24.89	
	5	Nano Const	48996-A	" "	Upton MA.	24	—	1643	26.23	
	6	GT	42958-A	" "	Upton MA	24	—	1658	20.27	
	7	GT	38700-A	" "	Upton MA	24	—	1657	18.06	
2nd Run	8	Logue Farms	47002-A	" "	Upton MA	24	—	1669	23.40	
	9	Nano Const	47015-A	" "	Upton MA	24	—	1670	24.00	2
	10	Nano Const	47014-A	" "	Upton MA	24	—	1674	22.45	
	11	Nano Const	48995-A	" "	Upton MA	24	—	1675	24.25	
									291.94	total 1 7-19-10
									259.43	total 1 7-20-10

GeoDesign Representative: [illegible]

551.37 tons

Nano TX6

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
1567

1

	Date	Time	Seal
In:			0
Out:	07/19/2010	10:33	2

Vehicle ID Nano TX6 47014A

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 76660 lb
Tare: 27500 lb (K)
Net: 49160 lb
24.58 tn

Comments:

Operator: 4 Charge by Weight

Signature: Lori

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
1622

2

	Date	Time	Seal
In:			0
Out:	07/19/2010	15:00	2

Vehicle ID Nano TX6 47014A

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 81860 lb
Tare: 27500 lb (K)
Net: 54360 lb
27.18 tn

Comments:

Operator: 4 Charge by Weight

Signature: Lori

Nano TX 1

BRIGHTER HORIZONS ENVIRONMENTAL

(1)

Transaction No.
1583

	Date	Time	Scal
In:			0
Out:	07/19/2010	10:18	2

Vehicle ID Nano TX1 470150

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 69260 lb
Tare: 27500 lb (K)
Net: 41760 lb
20.88 tn

Comments:

Operator: 4 Charge by Weight

Signature: _____

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
1619

(2)

	Date	Time	Scal
In:			0
Out:	07/19/2010	14:52	2

Vehicle ID Nano TX1 470150

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 77540 lb
Tare: 27500 lb (K)
Net: 50040 lb
25.02 tn

Comments:

Operator: 4 Charge by Weight

Signature: _____

Logue Farms

BRIGHTER HORIZONS ENVIRONMENTAL

(1)

Transaction No.
1584

	Date	Time	Scal
In:			0
Out:	07/19/2010	10:25	2

Vehicle ID Logue Farms 34 47002A CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature: Gary DeBow

Gross:	77460 lb	
Tare:	28400 lb	(K)
Net:	49060 lb	
	24.53 tn	

31

Logue Farms

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
1623

	Date	Time	Scal
In:			0
Out:	07/19/2010	15:10	2

Vehicle ID Logue Farms 34 47002A CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature: Gary DeBow

Gross:	79960 lb	
Tare:	28400 lb	(K)
Net:	51560 lb	
	25.78 tn	

Nano TXS

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
1598

(1)

	Date	Time	Scale
In:			0
Out:	07/19/2010	~~11:34~~ 10:37	2

Vehicle ID Nano TXS 414844 CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Operator: 4 Charge by Weight

Signature:

** Manual Weight **

Gross: 73600 lb (K)
Tare: 27500 lb (K)
Net: 46100 lb
23.05 tn

Weight ticket
dd 1588

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
1621

	Date	Time	Scale
In:			0
Out:	07/19/2010	15:05	2

Vehicle ID Nano TXS 414844 CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 80480 lb
Tare: 27500 lb (K)
Net: 52980 lb
26.49 tn

Gate way 43

BRIGHTER HORIZONS ENVIRONMENTAL

(1)

Transaction No.
1626

	Date	Time	Seal
In:			0
Out:	07/20/2010	07:01	2

Vehicle ID Gate Way 43 38700 cy

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 77280 lb
Tare: 27640 lb (K)
Net: 49640 lb
24.82 tn

203-758-8842 (Fax)
Jenny Mishlen
Geo Design
o yellow copy
1 Log

Gate way 43

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
1657

	Date	Time	Seal
In:			0
Out:	07/20/2010	12:17	2

Vehicle ID Gate Way 43 38700 cy

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 63760 lb
Tare: 27640 lb (K
Net: 36120 lb
18.06 tn

7/20/10

7/20/10

24.82 Tons

18.06

Company 4 /

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
1627

(1)

	Date	Time	Scale
In:			0
Out:	07/20/2010	07:05	2

Vehicle ID Gate Way 47 42958 CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 70200 lb
Tare: 27500 lb (K)
Net: 50700 lb
25.35 tn

203-758-8842 (Fax)
Jerry Mushler
GeoDesign
* yellow copy
* Log

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
1658

(2)

	Date	Time	Scal
In:			0
Out:	07/20/2010	12:19	2

Vehicle ID Gate Way 47 42958 CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 68040 lb
Tare: 27500 lb (K)
Net: 40540 lb
20.27 tn

Nano TX1

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
1636

(1)

	Date	Time	Scale
In:			0
Out:	07/20/2010	09:32	2

Vehicle ID Nano TX1 47015A

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Operator: 4 Charge by Weight

Signature: Nick Tetro

Gross:	75920 lb	
Tare:	27500 lb	(K)
Net:	48420 lb	
	24.21 tn	

2.00
47002.4
23.40 to #169

26.41 ton

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
1670

(2)

	Date	Time	Scale
In:			0
Out:	07/20/2010	14:13	2

Vehicle ID Nano TX1 47015A

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Operator: 4 Charge by Weight

Signature: Nick Tetro

Gross:	75500 lb	
Tare:	27500 lb	(K)
Net:	48000 lb	
	24.00 tn	

Logue Farm 34

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
1637

(1)

	Date	Time	Scal
In:			0
Out:	07/20/2010	09:35	2

Vehicle ID Logue Farms 34 470020 CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 81220 lb
Tare: 28400 lb (K)
Net: 52820 lb
26.41 tn

Comments:

Operator: 4 Charge by Weight

Signature: Gary DuBoi

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
1669

(2)

	Date	Time	Scal
In:			0
Out:	07/20/2010	14:12	2

Vehicle ID Logue Farms 34 470020 CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 75200 lb
Tare: 28400 lb (K)
Net: 46800 lb
23.40 tn

Comments:

Operator: 4 Charge by Weight

Signature: Gary DuBoi

Nano TX6

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
1641

(1)

	Date	Time	Scal
In:			0
Out:	07/20/2010	09:54	2

Vehicle ID Nano TX6 47014A

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 77280 lb
Tare: 27500 lb (K)
Net: 49780 lb
24.89 tn

Comments:

Operator: 4 Charge by Weight

Signature: Lori

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
1674

(8)

	Date	Time	Scal
In:			0
Out:	07/20/2010	14:42	2

Vehicle ID Nano TX6 47014A

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 72400 lb
Tare: 27500 lb (K)
Net: 44900 lb
22.45 tn

Comments:

Operator: 4 Charge by Weight

Signature: Lori

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
1643

	Date	Time	Scal
In:			0
Out:	07/20/2010	09:59	2

Vehicle ID Nano TX7 41487-A-CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 79560 lb
Tare: 27500 lb (K)
Net: 52060 lb
26.03 tn

Comments:

Operator: 4 Charge by Weight

Signature:

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
1675

	Date	Time	Scal
In:			0
Out:	07/20/2010	14:44	2

Vehicle ID Nano TX7 41487-A-CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 76000 lb
Tare: 27500 lb (K)
Net: 48500 lb
24.25 tn

Comments:

Operator: 4 Charge by Weight

Signature:

Nano TX5

BRIGHTER HORIZONS ENVIRONMENTAL

1

Transaction No.
1650

	Date	Time	Scale
In:			0
Out:	07/20/2010	11:07	2

Vehicle ID Nano TX5 414844 CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 78420 lb
Tare: 27500 lb (K)
Net: 50920 lb
25.46 tn

73900
my scale

Truck Record Sheet
Parcel C - South Remediation
Geo**Design** No. 3101-4.1

Date: 9/2/10 Field Report No: _____ Page 1 of 2

No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity ~~ton(cy)~~	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)	
1	NANO	47014 A	Contaminated/ Treated soil	Upton, MA	24	2060	—	22.33	
2	NANO	41481 A	" "		24	2062	—	22.72	1st RUN
3	NANO	48954 A	" "	" "	24	2061	—	19.68	
4	NANO	48956 A	" "	" "	24	2063	—	21.42	
5	NANO	48965 A	" "	" "	24	2066	—	23.29	
6	NANO	48996 A	" "	" "	24	2067	—	21.60	
7	NANO	41480 A	" "	" "	24	2068	—	21.92	
8	NANO	47016 A	" "	" "	24	2069	—	22.75	
9	NANO	47015 A	" "	" "	24	2070	—	22.91	
10	DB HAULING	47611 A	" "	" "	24	2072	—	24.94	
11	GATEWAY TERMINAL	38700 A	" "	" "	24	2073	—	23.72	
* 12	GATEWAY TERMINAL	42958 A	" "	" "	24	2074	—	23.78	
* 13	GATEWAY TERMINAL	41224 A	" "	" "	24	2071	—	23.55	TRAILER
14	NANO	48984 A	" "	" "	24	2078	—	22.01	
15	NANO	48986 A	" "	" "	24	2079	—	24.34	2ND RUN
16	NANO	41481 A	" "	" "	24	2080	—	23.10	

Geo**Design** Representative: GJM

* need weights from Gateway Terminal

tons = 316.56
CY = 211.04

Truck Record Sheet
Parcel C - South Remediation
Geo**Design** No. 3101-4.1

Date: 9/2/10 Field Report No: _____ Page 2 of 2

No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity ~~ton(cy)~~	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)
17	NANO	47014A	Contaminated / Treated Soil	Upton MA	24	2083	—	26.22
18	NANO	48985A	"	" "	24	2081	—	26.27
19	NANO	48996A	"	" "	24	2082	—	22.93
20	NANO	48480A	"	" "	24	2084	—	23.25
21	NANO	47016A	"	" "	24	2085	—	23.26
22	NANO	47015A	"	" "	24	2087	—	24.37
23	DB Hauling	47611A	"	" "	24	2093	—	25.23
24	Gabrielson Terminal	41224A	"	" "	24	2092	—	23.45

2nd Run

Pre loaded for 9/3/10

Geo**Design** Representative: GJM

tons 194.95
CY 129.96

total tons 511.51
CY 341.01

Nano TX6

BRIGHTER HORIZONS ENVIRONMENTAL

(1)

Transaction No.
2060

		Date	Time	Scale
In:				0
Out:		09/02/2010	10:00	2

Vehicle ID Nano TX6 470149

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Gross: 72160 lb
Tare: 27500 lb (K)
Net: 44660 lb
22.33 tn

Operator: 4 Charge by Weight

Signature:

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
2063

		Date	Time	Scale
In:				0
Out:		09/02/2010	14:31	2

Vehicle ID Nano TX6 470149

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Gross: 79940 lb
Tare: 27500 lb (K)
Net: 52440 lb
26.22 tn

Operator: 4 Charge by Weight

Signature:

Nano TX 11

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2062

	Date	Time	Scale
In:			0
Out:	09/02/2010	10:07	2

Vehicle ID Nano TX 11 414818 CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 71660 lb
Tare: 26220 lb (K)
Net: 45440 lb
22.72 tn

Comments:

Operator: 4 Charge by Weight

Signature: J Nabby

K

(2)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2080

	Date	Time	Scale
In:			0
Out:	09/02/2010	14:16	2

Vehicle ID Nano TX 11 414818 CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 72420 lb
Tare: 26220 lb (K)
Net: 46200 lb
23.10 tn

Comments:

Operator: 4 Charge by Weight

Signature: J Nabby

(2)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2084

	Date	Time	Scale
In:			0
Out:	09/02/2010	14:35	2

Vehicle ID Nano TX 10 41480a CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 72920 lb
Tare: 26220 lb (K)
Net: 46700 lb
23.35 tn

Nano TX 10

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2068

	Date	Time	Scale
In:			0
Out:	09/02/2010	10:27	2

Vehicle ID Nano TX 10 41480a CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 70860 lb
Tare: 26220 lb (K)
Net: 44640 lb
21.92 tn

MB120 #7

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2067

	Date	Time	Scale
In:			6
Out:	09/02/2010	13:25	2

Vehicle ID Nano TX7 41487-A-CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Gross: 70700 lb
Tare: 27500 lb (K)
Net: 43200 lb
21.60 tn

Operator: 4 Charge by Weight

Signature: Chris Poole

---

(2)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2082

	Date	Time	Scale
In:			8
Out:	09/02/2010	14:28	2

Vehicle ID Nano TX7 41487-A-CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Gross: 73360 lb
Tare: 27500 lb (K)
Net: 45860 lb
22.93 tn

Operator: 4 Charge by Weight

Signature: Chris Poole

10110 TV 5

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2066

	Date	Time	Scale
In:			0
Out:	09/02/2010	10:21	2

Vehicle ID Nano TXS 414640 CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 74080 lb
Tare: 27500 lb (K)
Net: 46580 lb
23.29 tn

(2)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2081

	Date	Time	Scale
In:			0
Out:	09/02/2010	14:26	2

Vehicle ID Nano TXS 414640 CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 80040 lb
Tare: 27500 lb (K)
Net: 52540 lb
26.27 tn

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2879

	Date	Time	Scale
In:			0
Out:	09/02/2010	14:11	2

Vehicle ID Nano TX3 414864

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 75680 lb
Tare: 27000 lb (K)
Net: 48680 lb
24.34 tn

Nano TX 3

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2863

	Date	Time	Scale
In:			0
Out:	09/02/2010	10:10	2

Vehicle ID Nano TX3 414864

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 69840 lb
Tare: 27000 lb (K)
Net: 42840 lb
21.42 tn

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2069

	Date	Time	Scale
In:			0
Out:	05/02/2010	10:30	2

Vehicle ID Nano TX2 47016M

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 73000 lb
Tare: 27500 lb (K)
Net: 45500 lb
22.75 tn

Comments:

Operator: 4 Charge by Weight

Signature: NC

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2085

	Date	Time	Scale
In:			0
Out:	09/02/2010	14:46	2

Vehicle ID Nano TX2 47016M

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 74020 lb
Tare: 27500 lb (K)
Net: 46520 lb
23.26 tn

Comments:

Operator: 4 Charge by Weight

Signature: NC

Nano TX 8

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2061

	Date	Time	Scale
In:			0
Out:	09/02/2010	10:04	2

Vehicle ID Nano TX8 414838

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 66860 lb
Tare: 27500 lb (K)
Net: 39360 lb
19.68 tn

Comments:

Operator: 4 Charge by Weight

Signature:

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2078

	Date	Time	Scale
In:			0
Out:	09/02/2010	14:09	2

Vehicle ID Nano TX8 414838

Account ID Naugatuck Urban fill in Histor

Material I Upton

Gross: 81520 lb
Tare: 27500 lb (K)
Net: 54020 lb
22.01 tn

Comments:

Operator: 4 Charge by Weight

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
2067

	Date	Time	Scale
In:			0
Out:	09/02/2010	14:50	2

Vehicle ID Nano TX1 47015A

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 75240 lb
Tare: 27500 lb (K)
Net: 48740 lb
24.37 tn

Nano TX 1

BRIGHTER HORIZONS ENVIRONMENTAL

(1)

Transaction No.
2070

	Date	Time	Scale
In:			0
Out:	09/02/2010	10:33	2

Vehicle ID Nano TX1 47015A

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 73320 lb
Tare: 27500 lb (K)
Net: 45820 lb
22.91 tn

Truck Record Sheet
Parcel C - South Remediation
Geo**Design** No. 3101-4.1

Date: 9/3/10 Field Report No: _____ Page 1 of

No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity (~~ton~~ cy)	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)
1	RKJR	43947A	Contaminated Soil	Dolan [illegible]	24	2098	—	26.05
2	NANO	47016A	"	" "	24	2100	—	22.76
3	NANO	47996A	"	"	24	2099	—	24.48
4	NANO	48977A	"		24	2097	—	23.00
5	NANO	41481A	"	" "	24	2096	—	26.05
6	NANO	41686A	"	" "	24	2101	—	23.23
7	NANO	47[illegible]A	"	" "	24	2102	—	25.01
8	NANO	47011A	"	" "	24	2104	—	24.60
9	NANO	41480A	"	" "	24	2103	—	24.82
10	NANO	47015A	"	" "	24	2105	—	24.78
11	KJ Francesco	19542A	"	" "	24	2110	—	23.80
12	IMM	48953A	"	" "	24	2106	—	22.35
13	Thomas Trucking	22914A	"	" "	24	2111	—	23.70
14	Gateway Terminal	V-90499	"	" "	24	2112	—	24.70
15	Gateway Terminal	41229A	"	" "	24	2118	—	22.67
16	DB Hauling	47611A	"	" "	24	2119	—	24.79

1st Run

Geo**Design** Representative: GJM

Truck Record Sheet
Parcel C - South Remediation
Geo**Design** No. 3101-4.1

Date: 9/3/10 Field Report No: _____ Page 2 of

No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity ~~(cy)~~ ton	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)
17	NANO	48996A	contaminated soil	upton MA	24	2127	—	23.42
18	NANO	48986A	"	" "	24	2126	—	23.23
19	NANO	48995A	"	" "	24	2124	—	23.09
20	NANO	47015A	"	" "	24	2125	—	23.23
21	NANO	41480A	"	" "	24	2128	—	21.96
22	NANO	46984A	"	" "	24	2122	—	22.44
23	IMM	48953A	"	" "	24	2130	—	22.08
24	NANO	47014A	"	" "	24	2129	—	2[illegible].09
25	NANO	41481A	"	" "	24	2123	—	22.3

2nD Run
Pre-loaded for 9/7/10

GeoDesign Representative: CSM

tons = 202.67
CY = 135.11

Nano TX 11

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2098

	Date	Time	Scale
In:			0
Out:	09/03/2010	09:06	2

Vehicle ID Nano TX 11 414AIA CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 78320 lb
Tare: 26220 lb (K)
Net: 52100 lb
26.05 tn.

Nano TX;

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction
2099

	Date	Time
In:		
Out:	09/03/2010	09:10

Vehicle ID	Nano TX7	41487-A-CT
Account ID	Naugatuck	Urban Fill in Histor
Material I	Upton	
Comments:		
Operator: 4	Charge by Weight	
Signature:	Christophe Parche	

Gross:	76460 lb
Tare:	27500 lb
Net:	48960 lb
	24.48 tn

Nano TX

1

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction
2102

				Date	Time
			In:		
			Out:	09/03/2010	09:20
Vehicle ID	Nano TX6	414830			
Account ID	Naugatuck	Urban Fill in Histor			
Material I	Upton				
Comments:					
Operator: 4		Charge by Weight			
Signature:					

Gross:	77520 lb
Tare:	27500 lb
Net:	50020 lb
	25.01 tn

Nano TX3

0

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction N
2101

	Date	Time	Sc
In:			
Out:	09/03/2010	09:16	

Vehicle ID Nano TX3 41486M

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 73460 lb
Tare: 27000 lb (
Net: 46460 lb
23.23 tn

NO706

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2104

	Date	Time	Seq
In:			0
Out:	09/03/2010	09:29	2

Vehicle ID Nano TX6 47814A

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross:	76700	lb
Tare:	27500	lb (K
Net:	49200	lb
	24.60	tn

Memo 1

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2105

	Date	Time	Scale
In:			0
Out:	09/03/2010	09:32	2

Vehicle ID Nano TX1 47015A

Account ID Naugabuck Urban Fill in Histor

Material I Upton

Comments:

Gross:	77860	lb
Tare:	27500	lb (K)
Net:	49560	lb
	24.78	tn

Operator: 4 Charge by Weight

Signature: Nat Tec

Nano 10

1

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2103

	Date	Time	Scale
In:			0
Out:	09/03/2010	09:25	2

Vehicle ID Nano TX 10 41480a CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 75860 lb
Tare: 26220 lb (K)
Net: 49640 lb
24.82 tn

Comments:

Operator: 4 Charge by Weight

Signature: Al Amaro

Nano TX2

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2100

	Date	Time	Scale
In:			0
Out:	09/03/2010	09:13	2

Vehicle ID Nano TX2 470160

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 73020 lb
Tare: 27500 lb (K)
Net: 45520 lb
22.76 tn

Comments:

Operator: 4 Charge by Weight

Signature: NC

Nano TX5

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction I
2097

	Date	Time	Sc
In:			
Out:	09/03/2010	09:00	

Vehicle ID Nano TX5 414640 CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 73500 lb
Tare: 27500 lb
Net: 46000 lb
23.00 tn

TRANSACTION NO.
4110

			Date	Time	Seal
			In:		0
Vehicle ID	Fracasso #8	195420	Out: 09/03/2010	10:06	2
Account ID	Naugatuck	Urban Fill in Histor			
Material I	Upton				

Comments:

Operator: 4 Charge by Weight

Signature:

Gross:	76500 lb	
Tare:	29300 lb	(K)
Net:	47600 lb	
	23.80 tn	

Truck Record Sheet
Parcel C - South Remediation
Geo**Design** No. 3101-4.1

Date: 9/7/10 Field Report No: _____ Page 1 of 3

No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity ~~ton(cy)~~	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)	
1	DTS	37655A	contaminated treated soil	Upton MA	24	2132	—	23.13	1st Run
2	Wm Hearing	31354A	"	" "	24	2133	—	23.08	
3	NANO	47016A	"	" "	24	2135	—	24.41	
4	NAVGTNY	71149	"	" "	24	2136	—	23.04	MASS
5	RKJR	43947A	"	" "	24	2134	—	23.20	
6	~~JBT~~	35862A	"	" "	24	2138	—	20.92	
7	SC Ballard #6	49005A	"	" "	24	2145	—	28.60	trailer
8	SC Ballard #33	47053A	"	" "	24	2146	—	27.50	trailer
9	SC Ballard #27	43843A	"	" "	24	2147	—	24.77	
10	Thomas Trucking	27914A	"	" "	24	2150	—	21.53	
11	LC Trucking	49814A	"	" "	24	2154	—	21.51	
12	SC Ballard #31	43310A	"	" "	24	2157	—	31.52	trailer
13	SC Ballard #34	41859A	"	" "	24	2156	—	28.04	trailer
14	NANO	48984A	"	" "	24	2158	—	21.94	
15	NANO	48986A	"	" "	24	2159	—	20.71	
16	NANO	47015A	"	" "	24	2161	—	22.71	

Geo**Design** Representative: GSM

387.21 tons

Truck Record Sheet
Parcel C - South Remediation
GeoDesign No. 3101-4.1

Date: 9/7/10 Field Report No: _____ Page 2 of 3

No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity ~~ton (cy)~~	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)	
17	NANO	48996A	Contaminated Treated Soil	upton MA	24	2160	—	22.44	1st RUN
18	NANO	48985A	"	" "	24	2163	—	22.90	
19	NANO	41481A	"	" "	24	2162	—	24.74	
20	NANO	41480A	"	" "	24	2164	—	22.29	
21	NANO	47014A	"	" "	24	2166	—	23.60	
22	IMM	48953A	"	" "	24	2165	—	23.98	
23	SC Ballard	49003A	"	" "	24	2172	—	23.81	
24	DTS	37655A	"	" "	24	2170	—	23.94	2nd RUN
25	WM Hearling	31354A	"	" "	24	2169	—	21.85	
26	RKJR	43947A	"	" "	24	2171	—	22.46	
27	NANO	47016A	"	" "	24	2174	—	27.65	
28	JBT	35862A	"	" "	24	2173	—	23.72	
29	Thomas Trucking	22914A	"	" "	24	2179	—	23.03	
30	SC Ballard #20	43993A	"	" "	24	2177	—	24.88	
31	SC Ballard #33	47052A	"	" "	24	2181	—	25.72	
32	SC Ballard #6	49005A	"	" "	24	2188	—	28.27	

GeoDesign Representative: GJM

384.18 tons

Truck Record Sheet
Parcel C - South Remediation
Geo**Design** No. 3101-4.1

Date: 9/7/10 Field Report No: _____ Page 3 of 3

No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity ton (cy)	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)	
33	LC Trucking	44814A	Contaminated Trucked Soil	Upton, MA	24	2197	—	23.15	2nd RUN
34	NANO	48984A	"	" "	24	2193	—	23.36	- PRELOADED FOR 9/8/10
35	NANO	48986A	"	" "	24	2190	—	22.90	
36	NANO	48996A	"	" "	24	2191	—	23.00	
37	NANO	47015A	"	" "	24	2192	—	22.62	
38	NANO	48985A	"	" "	24	2195	—	21.51	
39	NANO	41481A	"	" "	24	2189	—	23.49	
40	NANO	47014A	"	" "	24	2194	—	23.64	
41	NANO	41480A	"	" "	24	2196	—	23.56	

Geo**Design** Representative: GJM

207.23 tons

NRUDNITSKY HORIZONS ENVIRONMENTAL

(2)

Transaction No.
2158

	Date	Time	Scale
Ins			0
Outs	09/07/2010	11:14	2

Vehicle ID Nano TX0 414838

Account ID Naugatuck Urban Fill in Histor

Material 1 Upion

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 71300 lb
Tare: 27500 lb (K)
Net: 43800 lb
21.94 tn

TX8

Nano2

BROWNING-FERRIS ENVIRONMENTAL

Transaction No.
21636

			Date	Time	Scale
			In:		0
Vehicle ID:	Nano TX8	4148.SH	Out: 09/07/2010	07:03	2
Account ID:	Naugatuck	Urban Fill in Hooker			
Material 1:	Upton				
Comments:					
Operator: 4		Charge by Weight			
Signature:					

Gross: 72960 lb
Tare: 27500 lb (E)
Net: 45460 lb
22.44 tn

10:00 11

0

WEGARTH INDUSTRIES ENVIRONMENTAL

Transaction No.
2125

			Date	Time	Scale
Vehicle ID	Nano TX 11	414814 CT	In:		B
Account ID	Magnesium	Urban Fill in Hiscor	Out: 09/07/2010	07:05	2
Material 1	Upton				
Comments:					
Operator: 4		Charge by Weight			
Signature:					

Gross: 70480 lb
Tare: 26080 lb (K)
Net: 44400 lb
22.13 tn

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
2162

	Date	Time	Scale
In:			0
Out:	09/07/2010	11:40	2

Vehicle ID Nano IX 11 414810 CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Operator: A Charge by Weight

Signature:

Gross:	75700	lb
Tare:	26220	lb (R)
Net:	49480	lb
	24.74	tn

BRIGHTER HORIZONS ENVIRONMENTAL

2

Transaction No.
2161

	Date	Time	Scale
In:			0
Out:	09/07/2010	11:34	2

Vehicle ID Nano TX1 47015A

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Gross: 72920 lb
Tare: 27500 lb (K)
Net: 45420 lb
22.71 tn

Operator: 4 Charge by Weight

Signature:

Nano 1

1

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2125

	Date	Time	Scale
In:			0
Out:	09/07/2010	07:12	2

Vehicle ID Nano TX1 47015A

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Gross: 73950 lb
Tare: 27500 lb (K)
Net: 46450 lb
23.23 tn

Operator: 4 Charge by Weight

Signature:

Memo 5

1

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2124

	Date	Time	Scale
In:			0
Out:	09/07/2010	07:09	2

Vehicle ID Nano TX5 414849 CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 73680 lb
Tare: 27500 lb (K)
Net: 46180 lb
23.09 tn

Comments:

Operator: 4 Charge by Weight

Signature:

2

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2163

	Date	Time	Scale
In:			0
Out:	09/07/2010	11:41	2

Vehicle ID Nano TX5 414849 CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 73300 lb
Tare: 27500 lb (K)
Net: 45800 lb
22.90 tn

Comments:

Operator: 4 Charge by Weight

Signature:

Nano 7

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2127

	Date	Time	Scale
In:			0
Out:	09/07/2010	07:18	2

Vehicle ID Nano TX7 41487-A-CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 74340 lb
Tare: 27500 lb (K)
Net: 46840 lb
23.42 tn

Comments:

Operator: 4 Charge by Weight

Signature: Christophe Porche

---

(2)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2160

	Date	Time	Scale
In:			0
Out:	09/07/2010	11:31	2

Vehicle ID Nano TX7 41487-A-CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 72380 lb
Tare: 27500 lb (K)
Net: 44880 lb
22.44 tn

Comments:

Operator: 4 Charge by Weight

Signature: Christophe Porche

NW110 9

1

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No
2126

	Date	Time	Sca
In:			0
Out:	09/07/2010	07:15	2

Vehicle ID Nano TX3 41486A

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 73460 lb
Tare: 27000 lb (K
Net: 46460 lb
23.23 tn

Comments:

Operator: 4 Charge by Weight

Signature:

BRIGHTER HORIZONS ENVIRONMENTAL

2

Transaction No.
2159

	Date	Time	Scale
In:			0
Out:	09/07/2010	11:20	2

Vehicle ID Nano TX3 41486A

Account ID Naugatuck Urban Fill in History

Material I Upton

Gross: 68420 lb
Tare: 27000 lb (K)
Net: 41420 lb
20.71 tn

Comments:

Operator: 4 Charge by weight

Signature:

Nano 6

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2129

	Date	Time	Scale
In:			0
Out:	09/07/2010	07:24	2

Vehicle ID Nano TX6 470144

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Gross: 69680 lb
Tare: 27500 lb (K)
Net: 42180 lb
21.09 tn

Operator: 4 Charge by Weight

Signature: Lori

(2)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2166

	Date	Time	Scale
In:			0
Out:	09/07/2010	11:52	2

Vehicle ID Nano TX6 470144

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Gross: 74700 lb
Tare: 27500 lb (K)
Net: 47200 lb
23.60 tn

Operator: 4 Charge by Weight

Signature: Lori

2

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2164

	Date	Time	Scale
In:			0
Out:	09/07/2010	11:47	2

Vehicle ID Nano TX 10 41480a CT

Account ID Naugatuck Urban Fill in Histor

Material I . Upton

Comments:

Gross: 70800 lb
Tare: 26220 lb (K)
Net: 44580 lb
22.29 tn

Operator: 4 Charge by Weight

Signature:

Nano 10

1

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2128

	Date	Time	Scale
In:			0
Out:	09/07/2010	07:21	2

Vehicle ID Nano TX 10 41480a CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Gross: 70140 lb
Tare: 26220 lb (K)
Net: 43920 lb
21.96 tn

Operator: 4 Charge by Weight

Signature:

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
2172

	Date	Time	Scale
In:			0
Out:	09/07/2010	13:42	2

Vehicle ID Nano TX2 470164

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 75120 lb
Tare: 27500 lb (K)
Net: 47620 lb
23.81 tn

Comments:

Operator: 4 Charge by Weight

Signature: NC

Nano TX2

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2135

	Date	Time	Scale
In:			0
Out:	09/07/2010	09:20	2

Vehicle ID Nano TX2 470164

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 76320 lb
Tare: 27500 lb (K)
Net: 48820 lb
24.41 tn

Comments:

Operator: 4 Charge by Weight

Signature: NC

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
2170

** Reprinted by 4 at 09/07/2010 13:29:09 **

	Date	Time	Scale
In:			0
Out:	09/07/2010	13:23	2

Vehicle ID DTS 2 37655a - ct

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 75280 lb
Tare: 27400 lb (K)
Net: 47880 lb
23.94 tn

Comments:

Operator: 4 Charge by Weight

Signature:

DTS 2

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2132

	Date	Time	Scale
In:			0
Out:	09/07/2010	09:09	2

Vehicle ID DTS 2 37655a - ct

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 73660 lb
Tare: 27400 lb (K)
Net: 46260 lb
23.13 tn

Comments:

Operator: 4 Charge by Weight

Signature:

Truck Record Sheet
Parcel C - South Remediation
Geo**Design** No. 3101-4.1

Date: 9/8/10 Field Report No: _____ Page 1 of

No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity ~~tun~~ (cy)	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)
1	NAVOTNY	71149	Contaminated Treated Soil	Upton MA	24	2199	—	24.48
2	LAWHORN	24802A	"	" "	24	2200	—	23.49
3	JBT	35862A	"	" "	24	2201	—	23.18
4	RKJR	43947A	"	" "	24	2204	—	23.72
5	WM Hearling	31354A	"	" "	24	2203	—	23.83
6	SC Ballard #22	41460A	"	" "	24	2205	—	34.40
7	SC Ballard #27	43893A	"	" "	24	2207	—	23.81
8	SC Ballard #35	47052A	"	" "	24	2208	—	26.52
9	DTS	37655A	"	" "	24	2219	—	25.51
10	DB Hauling	47611A	"	" "	24	2220	—	23.37
11	Thomas Trucking	22914A	"	" "	24	2215	—	24.37
12	SC Ballard #30	[illegible]	"	" "	24	2221	—	30.33
13	NANO	48986A	"	" "	24	2229	—	23.92
14	NANO	47015A	"	" "	24	2233	—	23.72
15	NANO	48984A	"	" "	24	2222	—	23.82
16	NANO	48996A	"	" "	24	2223	—	22.35

15+ Run

GeoDesign Representative: GJM

401.02 tons

(44) came back to do Run

GeoDesign

110 tons = 1925 cy

Truck Record Sheet
Parcel C - South Remediation
GeoDesign No. 3101-4.1

Date: 9/8/10 Field Report No: _____ Page 2 of

No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity (cy)	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)
17	NANO	41481A	Contaminated Soil		24	2224	—	23.18
18	NANO	47014A	"	" "	24	2227	—	23.95
19	NANO	48985A	"	" "	24	2225	—	22.66
20	NANO	41480A	"	" "	24	2228	—	23.48
21	LC TRUCKING	44814A	"	" "	24	2230	—	24.38
22	GATEWAY (GT) Commercial	40875A	"	" "	24	2232	—	25.16
23	NOVOTNY	71149	"	" "	24	2231	—	24.48
24	SC Ballard #31	41859A	"	" "	24	2236	—	28.63
25	SC Ballard #31	43310A	"	" "	24	[illegible]	—	[illegible]
26	LAWHORN	24802A	"	" "	24	2234	—	23.03
27	WM Hoaming	31354A	"	" "	24	2237	—	23.19
28	JBT	35862A	"	" "	24	2239	—	23.28
29	RKJR	43947A	"	" "	24	2238	—	24.64
30	SC Ballard #22	41860A	"	" "	24	[illegible]	—	32.05
31	SC Ballard #27	43893A	"	" "	24	2241	—	22.63
32	SC Ballard #33	47052A	"	" "	24	[illegible]	—	25.45

1ST RUN

2ND RUN

GeoDesign Representative: GJM/CGF

394.59 tons

License #	Ticket	Tons
#41481A (Nano)	2224	23.18

Truck Record Sheet
Parcel C - South Remediation
GeoDesign No. 3101-4.1

Date: 9/8/10 Field Report No: _____ Page 3 of

No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity ~~ton (cy)~~	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)
33	Thomas Trucking	22914A	contaminated impacted soil	Upton MA	24	2246	—	23.42
CGE 34	DB Trucking	47614A	" "	" "	24	2257	—	25.50
35	Nano	48984A	" "	" "	24	2254	—	22.75
36	Nano #TX7	48996A	" "	" "	24	2255	—	25.48
37	Nano #TX11	41481A	" "	" "	24	2253	—	24.48
38	Nano #TX5	48985A	" "	" "	24	2259	—	23.46
39	Nano #TX10	41480A	" "	" "	24	2258	—	23.36
40	Nano #TX6	47014A	" "	" "	24	2256	—	24.54

GeoDesign Representative: GSM / CGE

192.99 tons

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
2233

	Date	Time	Scale
In:			0
Out:	09/08/2010	13:05	2

Vehicle ID Nano TX1 470150

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 75340 lb
Tare: 27500 lb (K)
Net: 47840 lb
23.92 tn

Comments:

Operator: 4 Charge by Weight

Signature: Nick Tito

Nano 1

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2192

	Date	Time	Scale
In:			0
Out:	09/08/2010	07:11	2

Vehicle ID Nano TX1 470150

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 72740 lb
Tare: 27500 lb (K)
Net: 45240 lb
22.62 tn

Comments:

Operator: 4 Charge by Weight

Signature: Nick Tito

Nano 10

BRIGHTER HORIZONS ENVIRONMENTAL

1

Transaction No.
2196

	Date	Time	Scale
In:			0
Out:	09/08/2010	07:25	2

Vehicle ID Nano TX 10 41480a CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 73340 lb
Tare: 26220 lb (K)
Net: 47120 lb
23.56 tn

BRIGHTER HORIZONS ENVIRONMENTAL

2

Transaction No.
2228

	Date	Time	Scale
In:			0
Out:	09/08/2010	12:02	2

Vehicle ID Nano TX 10 41480a CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 73180 lb
Tare: 26220 lb (K)
Net: 46960 lb
23.48 tn

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
2222

	Date	Time	Scale
In:			0
Out:	09/08/2010	11:25	2

Vehicle ID Nano TX8 414838

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross:	75140 lb	
Tare:	27500 lb	(K)
Net:	47640 lb	
	23.82 tn	

Nano 8

BRIGHTER HORIZONS ENVIRONMENTAL

(1)

Transaction No.
2193

	Date	Time	Scale
In:			0
Out:	09/08/2010	07:16	2

Vehicle ID Nano TX8 414838

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross:	74220 lb	
Tare:	27500 lb	(K)
Net:	46720 lb	
	23.36 tn	

Nano 11

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2189

	Date	Time	Scale
In:			0
Out:	09/08/2010	07:01	2

Vehicle ID Nano TX 11 414810 CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 73200 lb
Tare: 26220 lb (K)
Net: 46980 lb
23.49 tn

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
2224

	Date	Time	Scale
In:			0
Out:	09/08/2010	11:38	2

Vehicle ID Nano TX 11 414810 CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 72580 lb
Tare: 26220 lb (K)
Net: 46360 lb
23.18 tn

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
2173

	Date	Time	Scal
In:			0
Out:	09/07/2010	13:49	2

Vehicle ID Jeff Benvuneto 35862a CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 71840 lb
Tare: 27000 lb (K)
Net: 44840 lb
22.42 tn

Comments:

Operator: 4 Charge by Weight

Signature:

Jeff Benvuneto

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2138

	Date	Time	Scale
In:			0
Out:	09/07/2010	09:32	2

Vehicle ID Jeff Benvuneto 35862a CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 68840 lb
Tare: 27000 lb (K)
Net: 41840 lb
20.92 tn

Comments:

Operator: 4 Charge by Weight

Signature: Jeff Benvuneto

Nano 3

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2190

	Date	Time	Scale
In:			0
Out:	09/08/2010	07:05	2

Vehicle ID Nano TX3 414866

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature: Brian Tello

Gross: 72800 lb
Tare: 27000 lb (K)
Net: 45800 lb
22.90 tn

(2)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2229

	Date	Time	Scale
In:			0
Out:	09/08/2010	12:30	2

Vehicle ID Nano TX3 414866

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature: Brian Tello

Gross: 74840 lb
Tare: 27000 lb (K)
Net: 47840 lb
23.92 tn

Nano5

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2195

	Date	Time	Scale
In:			0
Out:	09/08/2010	07:22	2

Vehicle ID Nano TX5 414844 CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 72520 lb
Tare: 27500 lb (K)
Net: 45020 lb
22.51 tn

Comments:

Operator: 4 Charge by Weight

Signature:

BRIGHTER HORIZONS ENVIRONMENTAL

2

Transaction No.
2225

	Date	Time	Scale
In:			0
Out:	09/08/2010	11:52	2

Vehicle ID Nano TX5 414844 CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 72820 lb
Tare: 27500 lb (K)
Net: 45320 lb
22.66 tn

Comments:

Operator: 4 Charge by Weight

Signature:

Item 7

BRIGHTER HORIZONS ENVIRONMENTAL (1)

Transaction No.
2191

	Date	Time	Scale
In:			0
Out:	09/08/2010	07:08	2

Vehicle ID Nano TX7 41487-A-CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 73500 lb
Tare: 27500 lb (K)
Net: 46000 lb
23.00 tn

Comments:

Operator: 4 Charge by Weight

Signature: Christopher Porche

BRIGHTER HORIZONS ENVIRONMENTAL (2)

Transaction No.
2223

	Date	Time	Scale
In:			0
Out:	09/08/2010	11:31	2

Vehicle ID Nano TX7 41487-A-CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 72200 lb
Tare: 27500 lb (K)
Net: 44700 lb
22.35 tn

Comments:

Operator: 4 Charge by Weight

Signature: Christopher Porche

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Truck# 33. #2242 25.45

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Operations Manager
SC Ballard
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Memo 5

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2259

			Date	Time	Scale
			In:		0
Vehicle ID	Nano\TX5	414849 CT	Out: 09/09/2010	00:15	2
Account ID	Naugatuck	Urban Fill in Histor			
Material I	Upton				
Comments:					
Operator: 4		Charge by Weight			
Signature:					

Gross:	74420 lb	
Tare:	27500 lb	(K)
Net:	46920 lb	
	23.46 tn	

Truck Record Sheet
Parcel C - South Remediation
GeoDesign No. 3101-4.1

Date: 9/9/10 Field Report No: _____ Page 1 of 3

No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity ~~tons~~	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)
1	NOVOTNY	71149	contaminated Treated Soil	Upton MA	24	2260	—	24.00
2	SC Ballard #33	47052A	"	" "	24	2261	—	25.93
3	SC Ballard	39851A	"	" "	24	2262	—	26.17
4	SC Ballard #27	43893A	"	" "	24	2264	—	25.71
5	NOVOTNY #2	60916	"	" "	24	2269	—	23.89
6	LAWHORN	24802A	"	" "	24	2268	—	23.59
7	RKJR	43947A	"	" "	24	2267	—	20.97
8	CUTLER	34413A	"	" "	24	2274	—	24.00
9	NANO TX4	47013A	"	" "	24	2277	—	22.55
10	Thomas Trucking	22914A	"	" "	24	2276	—	24.17
* 11	Premier Paving	41525A	"	" "	24	2280	—	28.16
* 12	Bud's #30	39615A	"	" "	24	2281	—	28.18
* 13	Bud's #42	48109A	"	" "	24	2282	—	25.51
14	NANO	48984A	"	" "	24	2288	—	22.35
15	NANO	48996A	"	" "	24	2285	—	19.54
16	NANO	41481A	"	" "	24	2286	—	21.08

GeoDesign Representative: GJM

385.80 tons

* Trucks 11, 12, 13 sub under SC Ballard

413-567-3723
NOVOTNY

Truck Record Sheet
Parcel C - South Remediation
Geo**Design** No. 3101-4.1

Date: 9/9/10 Field Report No: _____ Page 2 of 3

No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity ~~ton/cyd~~	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)
17	NANO	47014A	contaminated Treated Soil	Upton MA	24	2289	—	22.10
18	DB HAULING	47611A	"	" "	24	2291	—	23.96
19	NANO	41480A	"	" "	24	2290	—	23.87
20	NOVOTNY	71149	"	" "	24	2293	—	21.71
21	SC Ballard #33	47052A	"	" "	24	2294	—	26.67
22	SC Ballard #27	43893A	"	" "	24	2295	—	23.37
23	JBT	35862A	"	" "	24	2296	—	23.28
24	RKJR	43947A	"	" "	24	2297	—	24.29
25	SC Ballard	38851A	"	" "	24	2299	—	26.92
26	NOVOTNY #2	60916	"	" "	24	2300	—	24.24
27	Lawhorn	24802A	"	" "	24	2302	—	24.53
28	CUTLER	34413A	"	" "	24	2303	—	23.22
29	NANO	47013A	"	" "	24	2305	—	22.50
30	Thomas Trucking	22914A	"	" "	24	2304	—	23.42
31	Premier Paving	41525A	"	" "	24	2306	—	27.52
32	Bud's #42	48109A	"	" "	24	2307	—	27.26

1st RUN

2nd

GeoDesign Representative: _____

388.86 tons

Truck Record Sheet
Parcel C - South Remediation
Geo**Design** No. 3101-4.1

Date: 9/9/10 Field Report No: _____ Page 3 of 3

No.	Transporter	License No.	Material Hauled	Dump Site	Est. Quantity ~~(cy)~~ (ton)	Dump Ticket No.	Disposal Receipt No.	Actual Quantity (ton)
33	Bud's #30	39615A	contaminated treated soil	Upton, MA	24	2311	—	24.20

Geo**Design** Representative: GJM

24.20 tons

IMM

BRIGHTER HORIZONS ENVIRONMENTAL

(1)

Transaction No.
2166

	Date	Time	Scale
In:			0
Out:	09/03/2010	09:47	2

Vehicle ID IMM 409539

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross:	72700 lb	
Tare:	28000 lb	(K)
Net:	44700 lb	
	22.35 tn	

IMM

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2130

	Date	Time	Scale
In:			0
Out:	09/0/ /2010	07:27	2

Vehicle ID IMM- 482534

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 77160 lb
Tare: 28080 lb (K)
Net: 44150 lb
22.08 tn

(2)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2165

	Date	Time	Scale
In:			0
Out:	09/0/ /2010	11:49	2

Vehicle ID IMM 482534

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 75760 lb
Tare: 28000 lb (K)
Net: 47760 lb
23.88 tn

Jeff Benvuneto

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2201

	Date	Time	Scale
In:			0
Out:	09/08/2010	09:16	2

Vehicle ID Jeff Benvuneto 35862a CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature: Jeff Benvuneto

Gross: 73360 lb
Tare: 27000 lb (K)
Net: 46360 lb
23.18 tn

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
2239

	Date	Time	Scale
In:			0
Out:	09/08/2010	13:38	2

Vehicle ID Jeff Benvuneto 35862a CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature: Jeff Benvuneto

Gross: 73560 lb
Tare: 27000 lb (K)
Net: 46560 lb
23.28 tn

Jeff Ben.

BRIGHTER HORIZONS ENVIRONMENTAL

(1)

Transaction No.
[illegible]

	Date	Time	Scale
In:			5
Out:	09/09/2010	13:41	2

Vehicle ID Jeff Benvuneto 35862a CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature: Jeff B

Gross:	73560	lb
Tare:	27000	lb (K)
Net:	46560	lb
	23.28	tn

Memo 4

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2277

	Date	Time	Scale
In:			0
Out:	09/09/2010	10:14	2

Vehicle ID Nano TX4 470134-CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 72600 lb
Tare: 27500 lb (K)
Net: 45100 lb
22.55 tn

---

(2)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2305

	Date	Time	Scale
In:			0
Out:	09/09/2010	14:33	2

Vehicle ID Nano TX4 470139-CT

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Comments:

Operator: 4 Charge by Weight

Signature:

Gross: 72500 lb
Tare: 27500 lb (K)
Net: 45000 lb
22.50 tn

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
2290

	Date	Time	Scale
In:			0
Out:	09/09/2010	11:53	2

Vehicle ID Nano TX 10 41400a UT

Account ID Haugabuck Urban Fill in Histor

Material 1 Upton

Gross: 73950 lb
Tare: 26220 lb (K)
Net: 47730 lb
23.87 tn

Comments:

Operator: 4 Charge by Weight

Signature:

Nano 10

BRIGHTER HORIZONS ENVIRONMENTAL

(1)

Transaction No.
2258

	Date	Time	Scale
In:			0
Out:	09/09/2010	07:17	2

Vehicle ID Nano TX 10- 41400a UT

Account ID Haugabuck Urban Fill in Histor

Material 1 Upton

Gross: 72940 lb
Tare: 26220 lb (K)
Net: 46720 lb
23.36 tn

Comments:

Operator: 4 Charge by Weight

Signature:

10,106

(1)

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2256

	Date	Time	Scale
In:			0
Out:	09/09/2010	07:10	2

Vehicle ID Nano 126 470144

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 75580 lb
Tare: 27500 lb (K)
Net: 48080 lb
24.04 tn

Comments:

Operator: 4 Charge by Weight

Signature: Lori

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2253

(2)

	Date	Time	Scale
In:			0
Out:	09/09/2010	11:33	2

Vehicle ID Nano 126 470144

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 71700 lb
Tare: 27500 lb (K)
Net: 44200 lb
22.10 tn

Comments:

Operator: 4 Charge by Weight

Signature: Lori

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2298

	Date	Time	Scale
In:			0
Out:	09/09/2010	11:27	2

Vehicle ID Nano 1X3 4148.3H

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 72200 lb
Tare: 27500 lb (K)
Net: 44700 lb
22.35 tn

Comments:

Operator: 4 Charge by Weight

Signature:

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2254

	Date	Time	Scale
In:			0
Out:	09/09/2010	07:04	2

Vehicle ID Nano 1X3 4148.3H

Account ID Naugatuck Urban Fill in Histor

Material I Upton

Gross: 73000 lb
Tare: 27500 lb (K)
Net: 45500 lb
22.75 tn

Comments:

Operator: 4 Charge by Weight

Signature:

Jean Duval

110070 11

BRIGHTER HORIZONS ENVIRONMENTAL

(1)

Transaction No.
2253

	Date	Time	Scale
In:			0
Out:	09/09/2010	07:00	2

Vehicle ID Nano TX 11 414814 CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 75180 lb
Tare: 26220 lb (K)
Net: 48960 lb
24.48 tn

Comments:

Operator: 4 Charge by Weight

Signature:

BRIGHTER HORIZONS ENVIRONMENTAL

(2)

Transaction No.
2256

	Date	Time	Scale
In:			0
Out:	09/09/2010	11:21	2

Vehicle ID Nano TX 11 414814 CT

Account ID Naugatuck Urban Fill in Histor

Material 1 Upton

Gross: 68380 lb
Tare: 26220 lb (K)
Net: 42160 lb
21.08 tn

Comments:

Operator: 4 Charge by Weight

Signature:

Nano 7

1

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2255

	Date	Time	Scale
In:			0
Out:	09/09/2010	07:07	2

Vehicle ID Nano TX7

41487-H-CT

Account ID Naugatuck

Urban Fill in Histor

Material I Upton

Gross: 78460 lb
Tare: 27500 lb (K)
Net: 50960 lb
25.48 tn

Comments:

Operator: 4

Charge by Weight

Signature: Christophe Porche

2

BRIGHTER HORIZONS ENVIRONMENTAL

Transaction No.
2285

	Date	Time	Scale
In:			0
Out:	09/09/2010	11:19	2

Vehicle ID Nano TX7

41487-H-CT

Account ID Naugatuck

Urban Fill in Histor

Material I Upton

Gross: 66580 lb
Tare: 27500 lb (K)
Net: 39080 lb
19.54 tn

Comments:

Operator: 4

Charge by Weight

Signature: Christophe Porche

To. GERALD MISHLER:

Please FIND attached the load weights AND TICKET NUMBERS FOR the 2ND loads FOR. Sept 9th OUT OF NAUGATUCK JOB. FOR: Novotny TRUCKING.

TRUCK # 812 (71149 MA)
TICKET # 2293 21.71 tons

TRUCK #2 (60916 MA)
TICKET # 2300 24.29 tons.

Thanks.
Jody Novotny

any questions: FAX # 413-587-3723