Phase II & III Field Investigation

95 Oak Street

Glastonbury, Connecticut 06033

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Executive Summary

This Phase II & III Field Investigation (FI) was conducted for the Town of Glastonbury. The subject of this field investigation is located at 95 Oak Street in Glastonbury, Connecticut (the "Site" or "subject property"). The Site is an approximately 13.75 acre parcel with a 179,682 square foot industrial/commercial building that is currently occupied by Aero Med.

The Phase II portion of this report focuses on the areas of concern (AOC) at the subject property identified in the April 2008 Phase I Environmental Site Assessment report. These AOCs include the following:

- The single story building on site was constructed in 1949. The building was originally occupied by the Consolidated Cigar Company. The building is currently occupied by Aero Med and is used for dry storage.
- Four 2,000 gallon gasoline underground storage tanks (UST) that were removed.
- 20,000 gallon and 10,000 gallon fuel oil USTs that were abandoned in place.
- A slab mounted transformer located just west of the building on site.
- Fuel pumps located near the four gasoline USTs.
- The septic tank and associated leaching field located northwest of the building on site.
- Pesticides and herbicides used historically on site.

The Phase III portion of the FI focuses on delineation of the impacts encountered during the Phase II portion of the FI.

The Phase II/III FI included the advancement of soil borings, the installation of groundwater monitoring wells, and the collection and laboratory analysis of soil and groundwater samples.

The purpose of the FI Report is to document the results of the Phase II/III FI performed by GEI Consultants, Inc. (GEI).

Semi-VOCs and TPH were detected in several soil samples during the Phase II portion of this FI at concentrations below the applicable Connecticut Department of Environmental

Protection (CTDEP) Remediation Standard Regulations (RSR). The pesticide dieldrin was detected in shallow soil samples SS-1 and SS-3 at concentrations above the CTDEP GA Pollutant Mobility Criteria (GAPMC).

Several Semi-VOCs and lead were detected in groundwater sample GEI-MW-17 at concentrations above the CTDEP surface water protection criteria (SWPC).

Due to the concentrations of dieldrin in shallow soils west of the building on site (SS-1 and SS-3) and the concentrations of semi-VOCs and lead in the groundwater east of the building on site, GEI proposed a Phase III FI to delineate the extent of the soil and groundwater impact.

The concentration of dieldrin in the shallow soil samples (Phase II FI) was below the CTDEP residential direct exposure criteria (RESDEC) but above the GA pollutant mobility criteria (GAPMC). Therefore, as part of the Phase III FI, GEI resampled the soil at the SS-1 and SS-3 sample locations at six inches below grade (the original sample depth) and at two fbg and analyzed the samples for pesticides by the SPLP Method. In addition, GEI collected shallow (six inches below grade) soil samples in a grid pattern to the west of the building on site and submitted these samples for analysis. The results of the SPLP analysis indicated that the dieldrin in the soil on site is statistically insignificant.

GEI installed groundwater monitoring well GEI-MW-18 at the location of the highest soil concentration of dieldrin (SS-3). A groundwater sample from this well was analyzed for pesticides and the results indicated no detectable dieldrin in the groundwater sample.

Therefore, GEI recommends no additional investigation or remediation regarding dieldrin on site. We do however recommend that the soil be handled appropriately during any future excavation or redevelopment of the property.

To assess the extent of semi-VOC impacted groundwater, GEI advanced seven borings in the area of GEI-MW-17. Groundwater samples were collected from seven temporary micro wells installed in the seven borings and from GEI-MW-15. The results of the laboratory analysis indicated no detectable concentrations of semi-VOCs. GEI recommends that the limited semi-VOC impacted soil in the area of GEI-MW-17 be excavated and removed during the planned construction activities. Confirmation soil samples should be collected and analyzed for semi-VOCs at the conclusion of the excavation activities.

To assess the extent of lead impacted groundwater, GEI had the eight groundwater samples mentioned above analyzed for lead. The results of the analysis indicated concentrations of lead in two of the wells above the SWPC. Due to the locations of the impacted groundwater

samples TW-1 and TW-3, the excavation of the soil mentioned above should include much of the lead impacted media. Since the original source of the lead (two 2,000-gallon gasoline USTs) has been removed, GEI does not recommend any additional remediation beyond the planned excavation.

GEI recommends the proper handling of soils, in the area of well GEI-MW-17 and the area of pesticide impacted soil to the west of the building on site, during any excavation activities in those areas.

1. Introduction

1.1 Purpose

The purpose of this report is to document the results of the Phase II & III Field Investigation (FI) performed by GEI Consultants, Inc. (GEI) at the Aero Med facility located at 95 Oak Street in Glastonbury, Connecticut. The subject property is occupied by an industrial/ commercial building that is currently used for dry storage. The site location map is provided as Figure 1, and a site layout and sample location map is provided as Figure 2. The scope of work for this Phase II/III FI was based on the proposals submitted on February 10, 2009 (Phase II FI) and March 10, 2009 (Phase III FI). Complete details regarding the subject property description, the Site history, and the recognized environmental conditions are presented in the April 2008 Phase I ESA report. A summary of the Site description and Site history is provided in subsection 1.4 of this report. The Phase II portion of the FI was conducted to evaluate potential impacts to the Site soil and groundwater in the areas of concern (AOC) identified in the Phase I ESA report. The Phase III portion of this FI was conducted to delineate the extent of impacted soil and groundwater identified in the Phase II portion of the FI. The results of this Phase II/III FI are discussed in detail in Section 4 of this report.

1.2 Scope of Work

The scope of work for this Phase II/III FI included the following tasks:

- Soil boring advancement and subsurface-soil sampling
- Groundwater monitoring well installation
- Groundwater gauging and sampling
- Soil and groundwater laboratory analysis
- Phase II/III FI Report composition

1.3 Report Organization

This report presents the results of the Phase II & III FI and is organized into five sections. Section 2 provides a description of the methods and materials for conducting the Phase II FI. Section 3 presents the physical characteristics of the study area. Section 4 discusses the nature and extent of contamination. Section 5 presents a discussion, the conclusions of this investigation, and recommendations for any additional work warranted.

Soil boring completion logs are included as Appendix A. Analytical results and chain-of-custody forms are included as Appendix B.

1.4 Site Setting and History

This subsection of the report presents information from the Phase I ESA relating to the current Site use, surrounding land use, Site history, previous investigations, and environmental setting.

1.4.1 Current Land Use

The Site is an approximately 13.75 acre parcel with an industrial/commercial building on it. The building is currently occupied by Aero Med and is used for dry storage.

1.4.2 Adjacent Land Use

The subject property is located in an industrial and residential portion of Glastonbury. Adjacent land use is as follows.

- South: Stop and Shop Grocery
- East: Bagel Boys, Inc. (a bakery), and to the northeast is Kindercare (a child daycare facility)
- West: Commercial, Sheet Metal Works, Inc. and Harco Inc. Northeast is the Glastonbury Citizen (local newspaper)
- North: Vacant land, Wetlands

1.4.3 Site History

Certified Sanborn® maps are not available for the Site and surrounding area.

The 1957 aerial photograph shows the subject property as it appears today. Vacant land, farm land, and residential properties are adjacent to the subject property. The road currently known as Oak Street is located to the east of the property. The road currently known as Commerce Street did not exist at the time of this photograph. The subject property appears unchanged in the 1977, 1989, and 1997 aerial photographs. The surrounding areas appear to be a mix of commercial and residential properties.

The 1893, 1906, and 1948 topographic maps show the subject property and adjacent properties as vacant land. The 1953 topographic map shows the subject property with a building that appears to be approximately one-half the size of the current building. The 1964, 1972, and 1984 topographic maps show the subject property with the building as it appears today.

No City Directories, for the subject property and surrounding area, were available for review. However, a copy of the 1958 Factory Mutual Insurance plan was available from the Glastonbury town records. This plan shows the building constructed in 1949 was used by the Consolidated Cigar Company as barracks and a cafeteria. The existing barn is shown as a shed and a 5,000 gallon fuel oil tank is shown, off the north east corner of the building.

The Town of Glastonbury Assessor's card for the subject property confirmed that the current building was constructed in 1949.

2. Field Investigation

Phase II Field Investigation

The Phase II portion of the FI was designed to assess the potential presence of contamination at the Site based on AOCs identified in the April 2008 Phase I ESA report. The Phase I ESA identified the following recognized environmental conditions at the subject property:

- The single story building on site was constructed in 1949. The building was originally occupied by the Consolidated Cigar Company. The building is currently occupied by Aero Med and is used for dry storage.
- Four 2,000 gallon gasoline USTs that were removed.
- 20,000 gallon and 10,000 gallon fuel oil USTs that were abandoned in place.
- A slab mounted transformer located just west of the building on site.
- Fuel pumps located near the four gasoline USTs.
- The septic tank and associated leaching field located northwest of the building on site.
- Pesticides and herbicides used historically on site.

All Phase II FI activities were conducted according to the GEI Phase II Environmental Site Assessment proposal dated February 10, 2009.

Laboratory analysis was performed by Connecticut Testing Laboratories, Inc. (CTL) of Meriden, Connecticut. CTL is a State of Connecticut licensed analytical laboratory.

2.1 Field Methods

2.1.1 Subsurface Soil Borings/GW Monitoring Well Installation

Columbia Environmental Drilling was subcontracted to advance soil borings and install groundwater monitoring wells. Twelve soil borings were advanced to the groundwater table using a GeoProbe™ type hydraulic drill rig. Soil samples were collected from four foot long two inch diameter macrocore sampling tubes equipped with an acetate liner. Six soil borings

were advanced with a hollow-stem auger drill rig. These six borings were completed as groundwater monitoring wells. Three surface soil hand borings were advanced using a hand auger. The following table outlines the constituents of concern (COC) and sampling locations associated with each AOC.

Area of Concern	Constituents of Concern	Sample Locations
Historical use of the building on site	Volatile Organic Compounds (VOCs), lead, TPH and Semi-VOCs.	GEI-MW-15, GEI-MW-16, GEI-MW-13
Four 2,000-gallon UST graves	VOCs and Lead. TPH on GEI-MW-15 only.	SB-6, SB-7, SB-10, SB-11, MW-2, GEI-MW-15, and GEI-MW-16
Abandoned 10,000-gallon and 20,000-gallon fuel oil USTs	VOCs, TPH, and Semi-VOCs. RCRA 8 Metals on GEI-MW-16 only. Lead on GEI-MW-15 and GEI-MW-17 only. No Semi-VOCs on GEI-MW-15.	SB-1, SB-10, SB-11, SB-12. GEI-MW-15, GEI-MW-16, and GEI-MW-17
Transformer	, TPH, Semi-VOCs, and PCBs	SB-8 and SB-9
Fuel pumps in the area of the former gasoline USTs	VOC and Lead. ETPH on MW-1 only.	MW-1, SB-4 and SB-5
Septic tank and leeching field	VOCs, TPH, and RCRA 8 metals. Semi-VOCs for SB-14 only.	SB-14 and GEI-MW-13
Pesticides and Herbicides application.	Pesticides and Herbicides	SS-1, SS-2, and SS-3

2.1.1.1 Soil Borings

The objective of these borings is to assess if the soil in the AOCs have been impacted by current or historic activities on site. In addition, the borings provide information regarding the subsurface geology at the subject property.

A GeoProbe™ type hydraulic drill rig was used to advance borings SB-1 through SB-12 and SB-14. Soil samples were collected using a four foot long, two inch diameter steel macrocore sampler with an acetate liner. Continuous macrocore soil samples were collected from the ground surface to bottom of boring. The borings ranged in total depth from 8 feet below grade (fbg) to approximately 13 fbg. After each sample was retrieved, the macrocore samplers were decontaminated using an Alconox bath, nitric acid rinse, methanol rinse, and a deionized water rinse. Soil samples collected were visually examined and logged in the field by GEI personnel. The soil samples were screened for the presence of total VOCs using a photoionization detector (PID) equipped with a 10.8 eV lamp.

The soil samples were also assessed for any visual and olfactory evidence of contamination, and the results were recorded. The PID was calibrated prior to the start of work. The boring logs are included in Appendix A.

A hollow-stem auger drill rig with a 4.25-inch inside diameter auger was used to advance borings and install monitoring wells (GEI-MW-13, GEI-MW-15, GEI-MW-16, and GEI-MW-17). Continuous split-spoon samples were collected from the ground surface to the bottom of the boring in all four exterior boring locations. Samples were collected in advance of the auger using a 2-inch, 2-foot-long, split spoon sampler. After each sample was retrieved, the split spoons were decontaminated using an Alconox bath, nitric acid rinse, methanol rinse, and a deionized water rinse.

As with the GeoProbe sampling, soil samples collected were visually examined and logged in the field by GEI personnel. The soil samples were screened with the PID. The soil samples were also assessed for any visual and olfactory evidence of contamination, and the results were recorded. The boring logs are included in Appendix A.

One soil sample from each of the borings (SB-1 through SB-12, SB-14, and GEI-MW-13) was placed in laboratory-supplied glassware, maintained at approximately 4^{o} Celsius, and submitted for laboratory analyses. A chain of custody was maintained for all of the soil samples.

2.1.1.2 Monitoring Well Construction

Four soil borings were completed as groundwater monitoring wells GEI-MW-13, GEI-MW-15, GEI-MW-16 and GEI-MW-17. The monitoring wells were constructed of 2-inch inside diameter, flush-threaded polyvinyl chloride (PVC) screen and solid PVC riser. These wells were installed using the hollow-stem auger drill rig. The wells were installed with 10 feet of #10 slot screen at depths ranging from 11.4 to 14.3 feet below grade, where the screen was set to straddle the water table. The annular space between the well screen and borehole wall, from the bottom of the boring to approximately 1 foot above the top of the screen, was filled with chemically inert filter sand to promote sufficient groundwater flow to the wells and to minimize the passage of any fine-grained formational material into the wells. An approximately 2-foot-thick bentonite clay seal was placed directly above the sand pack. The remaining annular space was filled to grade with native material. A concrete pad was constructed around each well at the ground surface and fitted with a flush-mounted curb box, locking cap, and lock. Well construction details are provided in the boring logs (Appendix A).

2.1.2 Groundwater Sampling

The four groundwater monitoring wells, discussed in subsection 2.1.1.2 of this report and two previously existing groundwater monitoring wells (MW-1 and MW-2), were sampled on February 27, 2009 as described below.

2.1.2.1 Gauging

Prior to groundwater purging and sampling, the monitoring wells were gauged for depth to groundwater. GEI personnel used an electronic interface probe (EIP) to measure the distance from the highest point on the PVC riser to the groundwater table within each well.

2.1.2.2 Purging

Prior to groundwater sampling, the monitoring wells were purged at rates that minimize or eliminate significant drawdown in accordance with the guidelines set forth in *Low Stress (low flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells* (EPA Region I, 1996). A peristaltic pump with dedicated polyethylene and silicone tubing was used to purge one tubing volume of groundwater from each well. Upon removal of one tubing volume, water quality was monitored and recorded with a Horiba U-22 meter for pH, temperature, specific conductivity, oxidation-reduction potential (Eh), dissolved oxygen, and turbidity at five-minute intervals to determine well stability. When stability was reached (pH was within 0.1 standard units, temperature was within 0.5ºC, Eh and specific conductivity were within 10% for three consecutive readings) the groundwater was sampled.

2.1.2.3 Groundwater Sampling

After each well was purged, groundwater samples were collected and contained in glassware provided by the laboratory and maintained at approximately 4^{o} Celsius. Samples were collected using dedicated tubing and a peristaltic pump (approximate pumping rate: 100 milliliters per minute [mL/min]). A chain of custody was maintained for the groundwater samples.

Phase III Field Investigation

The Phase III portion of the field investigation was designed to delineate the extent of impacted soil and groundwater encountered during the Phase II field investigation. The Phase II field investigation identified the following impacts at the subject property:

- The concentrations of dieldrin in soil samples SS-1 and SS-3 were above the GA Pollutant Mobility Criteria (PMC).

- The concentrations of lead and several semi-VOCs (polycyclic aromatic hydrocarbons [PAHs]) in groundwater at well GEI-MW-17 were above the CTDEP surface water protection criteria (SWPC).

2.2 Field Methods

2.2.1 Subsurface Soil Borings & Temporary GW Micro Well Installation

Columbia Environmental Drilling was subcontracted to advance soil borings and install temporary groundwater micro wells. Seven soil borings were advanced to the groundwater table using a GeoProbe™ type hydraulic drill rig. Soil samples were screened for signs of impact from the four foot long two inch diameter macrocore sampling tubes equipped with an acetate liner. One inch diameter PVC micro wells were installed in these seven borings. A rotary auger drill rig was used to install one two inch diameter PVC groundwater monitoring well (GEI-MW-18). Twenty seven surface soil hand borings were advanced using a hand auger. The following table outlines the constituents of concern (COC) and sampling locations associated with each Phase III AOC.

Area of Concern	Constituents of Concern	Sample Locations
Two 2,000-gallon UST graves located east of the building on site	Lead	TW-1 through TW-7 and GEI-MW-15
Abandoned 10,000-gallon fuel oil USTs	Semi-VOCs (PAHs)	TW-1 through TW-7 and GEI-MW-15
Pesticides in shallow soils	Pesticides	SS-1, SS-3 at six inches and two fbg. SS-2, SS-4 through SS-22 and SS-24 through SS-27 at six inches below grade. Also MW-18.

2.2.1.1 Soil Borings

The objective of these borings is to assess the extent of PAH, lead, and pesticide impacted soil and to assess if these impacts present a threat to the groundwater on site.

On March 19, 2009 a hollow-stem auger drill rig was used to advance a boring and install monitoring well GEI-MW-18. The boring was advanced to a depth of 16 fbg. The well was constructed of 10 feet of two inch diameter PVC well screen and six feet of two inch diameter PVC riser. The screen was set to straddle the groundwater table.

Soil samples were collected on March 19, 2009 from the previous locations of (Phase II) SS-1 and SS-3. Soil samples were collected from six inches below grade and from two fbg.

Soil samples were collected from SS-2, SS-4 through SS-22, and SS-24 through SS-27 from a depth of six inches below grade.

On March 20, 2009 a GeoProbe™ type hydraulic drill rig was used to advance borings TW-1 through TW-7. Soil samples were collected using a four foot long, two inch diameter steel macrocore sampler with an acetate liner. Continuous macrocore soil samples were collected from the ground surface to bottom of boring. The borings ranged in total depth from approximately 8 fbg to approximately 12 fbg. Soil samples collected were visually examined, screened with the PID, and logged in the field by GEI personnel.

One soil sample from each of the borings (SS-2, SS-4 through SS-22, and SS-24 through SS-27) and two soil samples from SS-1 and SS-3 were placed in laboratory-supplied glassware, maintained at approximately 4^{o} Celsius, and submitted for laboratory analyses. A chain of custody was maintained for all of the soil samples.

2.2.1.2 Monitoring Well Construction

One soil boring was completed as groundwater monitoring well GEI-MW-18. The monitoring well was constructed of 2-inch inside diameter, flush-threaded PVC screen and solid PVC riser. This well was installed using the hollow-stem auger drill rig. The well was installed with 10 feet of #10 slot screen at a depth 16fbg, where the screen was set to straddle the water table. The annular space between the well screen and borehole wall, from the bottom of the boring to approximately 1 foot above the top of the screen, was filled with chemically inert filter sand to promote sufficient groundwater flow to the well and to minimize the passage of any fine-grained formational material into the well. An approximately 2-foot-thick bentonite clay seal was placed directly above the sand pack. The remaining annular space was filled to grade with native material. A concrete pad was constructed around the well at the ground surface and fitted with a flush-mounted curb box, locking cap, and lock.

Seven soil borings were completed as temporary groundwater micro wells (TW-1 through TW-7). The micro wells were constructed of 1-inch diameter, flush-threaded PVC screen and solid PVC riser. These wells were installed using a GeoProbe™ type drill rig. The wells were installed with 10 feet of #10 slot screen at a depth that ranged between 8 and 12 fbg, where the screen was set to straddle the water table. The well screens in these wells were installed for the purpose of collecting a one-time grab sample of groundwater. The well screens were removed upon completion of the groundwater sampling activities.

2.2.2 Groundwater Sampling

The seven micro wells, discussed in subsection 2.2.1.2 of this report, and one groundwater monitoring wells GEI-MW-15 (that was installed during the Phase II portion of this FI), were sampled on March 20, 2009 as described below. The one groundwater monitoring well, discussed in subsection 2.2.1.2 of this report, was sampled on March 24, 2009 as described below.

2.2.2.1 Gauging

Prior to groundwater purging and sampling, the monitoring/micro wells were gauged for depth to groundwater. GEI personnel used an EIP to measure the distance from the highest point on the PVC riser to the groundwater table within each well.

2.2.2.2 Purging

Prior to groundwater sampling, the monitoring/micro wells were purged at rates that minimize or eliminate significant drawdown in accordance with the guidelines set forth in *Low Stress (low flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells* (EPA Region I, 1996). A peristaltic pump with dedicated polyethylene and silicone tubing was used to purge one tubing volume of groundwater from each well. Upon removal of one tubing volume, water quality was monitored and recorded with a Horiba U-22 meter for pH, temperature, specific conductivity, oxidation-reduction potential (Eh), dissolved oxygen, and turbidity at five-minute intervals to determine well stability. When stability was reached (pH was within 0.1 standard units, temperature was within 0.5ºC, Eh and specific conductivity were within 10% for three consecutive readings) the groundwater was sampled.

2.2.2.3 Groundwater Sampling

After each well was purged, groundwater samples were collected and contained in glassware provided by the laboratory and maintained at approximately 4^{o} Celsius. Samples were collected using dedicated tubing and a peristaltic pump (approximate pumping rate: 100 mL/min). A chain of custody was maintained for the groundwater samples.

3. Physical Characteristics of the Site

This section of the report discusses the physical characteristics of the study area from both regional and Site-specific perspectives.

3.1 Land Use in the Site Vicinity

The following is a description of land use in the area of the Site:

- South: Vacant land, Town property.
- East: Residential buildings, except for a warehouse at 100, Oak Street.
- North: Commercial, Service Garage - Monaco & Sons Motor Sales Inc.
- West: Wooded and then a Light Industrial building.

The exterior portion of the site is predominately paved. Some unpaved areas exist to the east of the building on site and there is a grass covered and partially wooded area to the west of the building.

The subject property is located in an industrial and residential portion of Glastonbury. Beyond the adjacent land uses discussed above, the following other environmentally significant land use data was found within ½ mile of the Site: there are six sites that are known to have had leaking underground storage tank (LUST) incidents. Based on the distance and location of the LUST sites listed, the potential for the sites to have impacted the subject property is considered low.

3.2 Local Groundwater Use

The subject property and vicinity are supplied potable water by the Metropolitan District Commission (MDC).

There are two public water supply sources approximately 1 mile west of the site. These water supply sources are distant from the site and would not be influenced by any release onsite. Groundwater below and near the Site is classified by the CTDEP as a GA groundwater area (CTDEP, 1993). The GA classification indicates groundwater within a public water supply watershed or within the area of influence of public water supply wells.

This CTDEP designation indicates groundwater that is suitable for direct human consumption without treatment (CTDEP 1996).

3.3 Surface Water Hydrology

Based on the topography of the site and vicinity, local groundwater flow is inferred to be toward the west/southwest toward Hubbard Brook.

3.3.1 Surface Water

This surface water is classified by the CTDEP as "BA." An "A" classification is suitable to be used as a potential drinking water supply, fish and wildlife habitat, recreational use, agricultural supply, industrial supply, and other legitimate uses, including navigation. Surface water within a "BA" classification may not be meeting criteria or one or more designated uses. The water quality goal is achievement of class "A" criteria and attainment of class "A" designated uses. The closest mapped surface water body is Hubbard Brook and its impoundments, Williams Pond and Roser Ponds approximately 1,000 feet to the south.

3.4 Regional Geology and Site Stratigraphy

According to the 1964 *USGS Map of the Surficial Geology of the Glastonbury Quadrangle, Connecticut,* the subject property is underlain by Glacial Lake Hitchcock Deposits. These deposits are made up of lacustrine sands overlying very fine sand, silt and clay.

3.5 Site-Specific Geology and Site Stratigraphy

Site geology, as determined through direct logging of split-spoon samples, is provided in this subsection. Complete details are presented within the boring logs in Appendix A.

A layer of fill material consisting of poorly sorted red sandy soil including approximately 5 percent gravel and approximately 15 percent silt makes up the uppermost stratigraphic unit at the Site. The deepest boring was advanced to approximately 15 fbg. Groundwater was encountered at depths ranging from 2.5 to 11 feet below grade. No bedrock was encountered in any of the borings.

3.6 Groundwater Flow

The direction of groundwater flow is controlled mainly by topography. However, flow is also influenced by aquifer type, depth to bedrock, watercourses near the Site, groundwater use, and subsurface structures. Generally, groundwater flows from topographic high points to low points. Based on the observed topography and the site specific groundwater elevation measurements, groundwater on Site flows to the west/northwest toward Hubbard Brook. Groundwater contours are included in Figure 3.

4. Nature and Extent of Contamination

This section of the report presents the physical observations made during the field investigation, the analytical results, and an assessment of the contamination at the Site. The sample locations from the Phase II/III FI are included on Figure 2. The various media and the potential impacts to each media are discussed separately in the following subsections.

4.1 Subsurface Soils

This subsection describes and discusses the findings of subsurface-soil investigations at the Site. Subsurface soils at the Site were evaluated through observations made during the installation of soil borings, and through the chemical analysis of subsurface-soil samples. Soil boring logs are provided in Appendix A.

4.1.1 Physical Observations

No evidence of soil staining or chemical/petroleum odors were observed in the subsurface-soil samples collected on site. The headspace PID readings indicated no concentrations of VOCs in any of the soil samples collected.

4.1.2 Chemical Analysis

4.1.2.1 Phase II Field Investigation

The soil samples collected from SB-1 through SB-7, SB-10, GEI-MW-13, SB-14 and SB-101 (the duplicate of SB-10) were analyzed for VOCs by EPA Method 8260B. Soil samples collected from SB-1, SB-8 through 12, GEI-MW-13, SB-14, and SB-101 were analyzed for total petroleum hydrocarbons (TPH) by the Connecticut extractable TPH (ETPH) Method. The soil samples collected from SB-2 through SB-7 were analyzed for lead by the synthetic precipitation leaching procedure (SPLP) Method. The soil samples collected from GEI-MW-13 and SB-14 were analyzed for the 8 RCRA metals by EPA Method 3050B. The soil samples collected from SB-1, SB-8 through SB-12, GEI-MW-13, SB-14, and SB-101were analyzed for semi-VOCs by EPA Method 8270. The soil samples collected from SB-8 and SB-9 were analyzed for polychlorinated biphenyls (PCB) by EPA Method 8082. The soil samples collected from SS-1, SS-2, and SS-3 were analyzed for Herbicides and pesticides by EPA Methods 8051A and 8081A, respectively.

The locations of the samples are presented in Figure 2 and a summary of the soil analytical data is presented in Table 1. Detailed results are presented in the laboratory analytical reports included in Appendix B.

Semi-VOCs were detected in the soil samples collected from borings SB-1, SB-9, SB-11, and SB-14 at concentrations below the applicable CTDEP RSRs.

Several of the 8 RCRA metals were detected in soil samples GEI-MW-13 and SB-14 at concentrations below the applicable CTDEP RSRs.

ETPH was detected in soil samples SB-1 and SB-14 at concentrations below the applicable CTDEP RSRs.

The pesticide dieldrin was detected at a concentration above the CTDEP GA Pollutant Mobility Criteria (GAPMC), but below the CTDEP Residential Direct Exposure Criteria (RESDEC) in soil samples SS-1 and SS-3.

None of the other parameters analyzed were detected in any of the soil samples.

4.1.2.2 Phase III Field Investigation

Due to the results of the pesticide analysis on soil samples collected as part of the Phase II FI, on March 19, 2009, the soil samples from SS-1, SS-3 through SS-22, and SS-24 through SS-27 were analyzed for pesticides by the SPLP Method. Dieldrin was detected in soil samples SS-4 through SS-8 and SS-27 at concentrations below the applicable CTDEP RSRs. None of the other parameters analyzed were detected in any of the soil samples. The concentrations of dieldrin in these soil samples do not warrant additional investigation or remediation.

4.2 Groundwater

This subsection describes and discusses the findings of groundwater investigations at the Site. Groundwater at the Site was evaluated through the chemical analysis of groundwater samples.

4.2.1 Chemical Analysis

4.2.1.1 Phase II Field Investigation

On February 27, 2009, groundwater samples were collected from monitoring wells MW-1, MW-2, GEI-MW-13, GEI-MW-15, GEI-MW-16, and GEI-MW-17 during the Phase II FI. All six groundwater samples were analyzed for VOCs by EPA Method 8260. Groundwater samples MW-1, MW-2, GEI-MW-13, GEI-MW-15, and GEI-MW-16 were analyzed for

TPH by the ETPH Method. Groundwater samples GEI-MW-16 and GEI-MW-17 were analyzed for Semi-VOCs by EPA Method 8270. Groundwater samples GEI-MW-13 and GEI-MW-16 were analyzed for the 8 RCRA total metals by the 6000/7000 series. Groundwater samples GEI-MW-15 and GEI-MW-17 were analyzed for lead by the 6000/7000 series.

The locations of the samples are presented in Figure 2 and a summary of the groundwater analytical data is presented in Table 3. Detailed results are presented in the laboratory analytical reports included in Appendix B.

Several PAHs and lead were detected in groundwater sample GEI-MW-17 at concentrations above the SWPC. No other concentrations of PAHs or lead were detected above the applicable CTDEP RSRs in any of the samples.

No VOCs, ETPH, or the remainder of the 8 RCRA metals were detected at concentrations above the CTDEP RSRs.

The concentrations of some of the PAHs and lead in sample GEI-MW-17 do warrant some type of remediation.

4.2.1.2 Phase III Field Investigation

On March 20, 2009, Groundwater samples were collected from temporary micro wells TW-1 through TW-7 and groundwater monitoring well GEI-MW-15 during the Phase III FI. All eight samples were analyzed for semi-VOCs (PAHs) by EPA Method 8270 and for lead by the 6000/7000 series. The concentrations of PAHs in all eight groundwater samples were below the laboratory detection limits. The concentration of lead in groundwater samples TW-1 and TW-3 were above the SWPC. The concentration of lead in TW-4 was above the laboratory detection limit but below the applicable CTDEP RSRs. There were no other detections of lead in the remaining groundwater samples. The concentration of lead in TW-1 and TW-3 warrant some type of remediation.

On March 24, 2009, a groundwater sample was collected from groundwater monitoring well GEI-MW-18. The groundwater sample was analyzed for pesticides by EPA Method 8081A. The concentrations of pesticides in groundwater sample GEI-MW-18 were below the laboratory detection limits. The concentration of pesticides in this groundwater sample does not warrant further investigation or remediation.

5. Discussion, Conclusions and Recommendations

A Phase II/III FI was conducted at the Aero Med facility located at 95 Oak Street in Glastonbury, Connecticut. The purpose of the Phase II portion of the FI was to assess if the subsurface environment on site has been impacted by current or previous activities in the areas of concern identified in the April 2008 GEI Phase I ESA report.

Semi-VOCs and TPH were detected in several soil samples during the Phase II portion of this FI at concentrations below the applicable CTDEP RSRs. The pesticide dieldrin was detected in shallow soil samples SS-1 and SS-3 at concentrations above the CTDEP GAPMC.

Several Semi-VOCs and lead were detected in groundwater sample GEI-MW-17 at concentrations above the SWPC.

Due to the concentrations of dieldrin in shallow soils west of the building on site and the concentrations of semi-VOCs and lead in the groundwater east of the building on site, GEI proposed a Phase III FI to delineate the extent of the soil and groundwater impact.

The concentration of dieldrin in the shallow soil samples (Phase II FI) was below the CTDEP RESDEC but above the GAPMC. Therefore, the Phase III FI focused on potential dieldrin impact to the groundwater not to direct exposure. GEI collected soil samples at the SS-1 and SS-3 sample locations at six inches below grade (the original sample depth) and at two fbg and analyzed the samples for pesticides by the SPLP Method. In addition, GEI collected shallow (six inches below grade) soil samples in a grid pattern to the west of the building on site. The results of the SPLP analysis indicated that the dieldrin on site is statistically insignificant.

GEI installed groundwater monitoring well GEI-MW-18 at the location of the highest soil concentration of dieldrin (SS-3). A groundwater sample from this well was analyzed for pesticides and the results indicated no detectable dieldrin in the groundwater sample. Therefore, GEI recommends no additional investigation or remediation regarding dieldrin on site. We do however recommend that the soil be handled appropriately during any future excavation or redevelopment of the property.

To assess the extent of PAH impacted groundwater, GEI advanced seven borings in the area of GEI-MW-17 and the 10,000 gallon abandoned fuel oil UST (the suspected source of the PAHs).

Groundwater samples were collected from seven temporary micro wells installed in the seven borings and from GEI-MW-15. The results of the laboratory analysis indicated no detectable concentrations of PAHs. GEI recommends that the limited PAH impacted soil in the area of GEI-MW-17 be excavated and removed during the planned construction activities on site. Confirmation soil samples should be collected and analyzed for semi-VOCs at the conclusion of the excavation activities.

To assess the extent of lead impacted groundwater, GEI had the eight groundwater samples mentioned above analyzed for lead. The results of the analysis indicated concentrations of lead in two of the wells above the SWPC. Due to the locations of the impacted groundwater samples TW-1 and TW-3, the excavation of the soil mentioned above should include much of the lead impacted media. Since the original source of the lead (two 2,000-gallon gasoline USTs) has been removed, GEI does not recommend any additional remediation beyond the planned excavation.

GEI recommends the proper handling of soils, in the area of well GEI-MW-17 and the area of pesticide impacted soil to the west of the building on site, during any excavation activities in those areas.

Tables

Table 1
Phase II Soil Analytical Results
95 Oak Street
Sampling Date:
2-20-09

Sample Name: / Sample Interval: / Sample Date:	RES DEC	GA/GAA PMC	SB-1 (30") 2/20/2009	SB-1 (30") 2/20/2009	SB-8 (11) 2/20/2009	SB-9 (10-11) 2/20/2009	SB-10 (9-10) 2/20/2009	SB-101 (9-10) 2/20/2009	SB-11 (3.5-4) 2/20/2009	SB-12 (3-4) 2/20/2009	GEI-MW-13 2/20/2009	SB-14 2/20/2009	SS-1 2/20/2009	SS-2 2/20/2009	SS-3 2/20/2009
SVOCs (mg/kg)															
Acenaphthene	1000	8.4	**0.368**	**0.368**	ND< 0.10	**0.209**	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	NA	NA	NA
Anthracene	1000	40	**0.435**	**0.435**	ND< 0.10	**0.262**	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	NA	NA	NA
Benzo(a)anthracene	1	1	**0.896**	**0.896**	ND< 0.10	**0.470**	ND< 0.10	ND< 0.10	**0.130**	ND< 0.10	ND< 0.10	**0.105**	NA	NA	NA
Benzo(b)fluoranthene	1	1	**0.950**	**0.95**	ND< 0.10	**0.193**	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	NA	NA	NA
Benzo(k)fluoranthene	8.4	1	**0.844**	**0.844**	ND< 0.10	**0.286**	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	NA	NA	NA
Benzo(g,h,i)perylene	1,00	4.2	**0.556**	**0.556**	ND< 0.50	ND< 0.50	ND< 0.50	ND< 0.50	ND< 0.50	ND< 0.50	ND< 0.50	ND< 0.50	NA	NA	NA
Benzo(a)pyrene	1	1	**0.869**	**0.869**	ND< 0.10	**0.355**	ND< 0.10	ND< 0.10	**0.144**	ND< 0.10	ND< 0.10	ND< 0.10	NA	NA	NA
Carbazole	NE	NE	**0.319**	**0.319**	ND< 0.10	**0.125**	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	NA	NA	NA
Chrysene	84	1	**0.911**	**0.911**	ND< 0.10	**0.406**	ND< 0.10	ND< 0.10	**0.118**	ND< 0.10	ND< 0.10	**0.109**	NA	NA	NA
Fluoranthene	1000	5.6	**2.790**	**2.79**	ND< 0.10	**1.130**	ND< 0.10	ND< 0.10	**0.207**	ND< 0.10	ND< 0.10	**0.221**	NA	NA	NA
Fluorene	1000	5.6	**0.229**	**0.229**	ND< 0.10	**0.128**	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	NA	NA	NA
Naphthalene	1000	5.6	**0.151**	**0.151**	ND< 0.10	**0.124**	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	NA	NA	NA
Phenanthrene	1000	4	**1.830**	**1.83**	ND< 0.10	**0.921**	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	ND< 0.10	**0.119**	NA	NA	NA
Pyrene	1000	4	**2.120**	**2.12**	ND< 0.10	**0.938**	ND< 0.10	ND< 0.10	**0.193**	ND< 0.10	ND< 0.10	**0.201**	NA	NA	NA
Pesticides (mg/kg)															
4,4'-DDT	1.8	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND< 50	ND< 50	**0.113**
Dieldrin	0.038	0.007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.010**	ND< 5	**0.019**
Metals (mg/kg)															
Arsenic	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.9**	**2.4**	NA	NA	NA
Barium	4,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	**37**	**39**	NA	NA	NA
Chromium, Total	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	**6.5**	**12.2**	NA	NA	NA
Lead	400[4]	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.3**	**4.5**	NA	NA	NA
Mercury	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND< 0.02	**0.03**	NA	NA	NA
Other (mg/kg)															
ETPH	500	500	**87**	**87**	ND< 50	ND< 50	ND< 50	ND< 50	ND< 50	ND< 50	ND< 50	**96**	NA	NA	NA

Table 1
Phase II Soil Analytical Results
95 Oak Street
Glastonbury, CT

Notes:
Data for these sampling events have not been validated. Qualifiers are Lab Qualifiers.
mg/kg - milligrams/kilogram or parts per million (ppm)
SVOCs - semivolatile organic compounds

GA/GAA - means an area where the ground-water classification is GA/GAA

Res DEC - Residential direct exposure criteria means the concentrations identified as residential direct exposure criteria in Appendix A to sections 22a-133k-1 through 22a-133k-3 of the Regulations of Connecticut State Agencies.

PMC - Pollutant mobility criteria means the concentrations identified in Appendix B to sections 22a-133k-1through 22a-133k-3 of the Regulations of Connecticut State Agencies or any alternative pollutant mobility criteria approved by the Commissioner pursuant to subsection 22a-133k-2(d) of the Regulations of Connecticut State Agencies.

- Criteria based on detection limits
(4) - Codified criterion for Lead RDEC is 500 ppm, but the recommended cleanup criterion is 400 ppm to be protective of human health")

NA - not applicable
NE - not established
ND - Not Detected

Bolding indicates a detected result value
Shading and bolding indicates that the detected result value exceeds the Remediation Standard it was compared to

Table 2
Phase III Soil Analytical Results
Town of Glastonbury
95 Oak Street
Sampling Date:
3/19/09

Sample Name:		SS-1	SS-1	SS-3	SS-3	SS-4	SS-5	SS-6
Sample Interval (feet):		(2)	(6)	(2)	(6)	(6)	(6)	(6)
Sample Date:	GWPC	3/19/2009	3/19/2009	3/19/2009	3/19/2009	3/19/2009	3/19/2009	3/19/2009
SPLP Pesticides (mg/L)								
Dieldrin	0.02	0.00002 U	0.00002 U	0.00002 U	0.00002 U	**0.00006**	**0.00008**	**0.00011**

Notes:

mg/L - miligrams per liter or ppm

SPLP - Synthetic Precipitate Leaching Procedure
GWPC - Ground-water Protection Criteria

Bolding indicates a detected result value

Laboratory Qualifiers:

U - indicates not detected to the reporting limit

Table 2
Phase III Soil Analytical Results
Town of Glastonbury
95 Oak Street
Sampling Date:
3/19/09

Sample Name:		SS-7	SS-8	SS-9	SS-10	SS-11	SS-12	SS-13	SS-14
Sample Interval (feet):		(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Sample Date:	GWPC	3/19/2009	3/19/2009	3/19/2009	3/19/2009	3/19/2009	3/19/2009	3/19/2009	3/19/2009
SPLP Pesticides (mg/L)									
Dieldrin	0.02	**0.00018**	**0.00005**	0.00002 U	0.00002 U	0.00002 U	0.00002 U	0.00002 U	0.00002 U

Notes:

mg/L - miligrams per liter or ppm

SPLP - Synthetic Precipitate Leaching Procedure
GWPC - Ground-water Protection Criteria

Bolding indicates a detected result value

Laboratory Qualifiers:

U - indicates not detected to the reporting limit

Table 2
Phase III Soil Analytical Results
Town of Glastonbury
95 Oak Street
Sampling Date:
3/19/09

Sample Name:		SS-15	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21	SS-22
Sample Interval (feet):		(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Sample Date:	GWPC	3/19/2009	3/19/2009	3/19/2009	3/19/2009	3/19/2009	3/19/2009	3/19/2009	3/19/2009
SPLP Pesticides (mg/L)									
Dieldrin	0.02	0.00002 U	0.00002 U	0.00002 U	0.00002 U	0.00002 U	0.00002 U	0.00002 U	0.00002 U

Notes:

mg/L - miligrams per liter or ppm

SPLP - Synthetic Precipitate Leaching Procedure
GWPC - Ground-water Protection Criteria

Bolding indicates a detected result value

Laboratory Qualifiers:

U - indicates not detected to the reporting limit

Table 2
Phase III Soil Analytical Results
Town of Glastonbury
95 Oak Street
Sampling Date:
3/19/09

Sample Name:		SS-24	SS-25	SS-26	SS-27
Sample Interval (feet):		(6)	(6)	(6)	(6)
Sample Date:	GWPC	3/19/2009	3/19/2009	3/19/2009	3/19/2009
SPLP Pesticides (mg/L)					
Dieldrin	0.02	0.00002 U	0.00002 U	0.00002 U	**0.00003**

Notes:

mg/L - miligrams per liter or ppm

SPLP - Synthetic Precipitate Leaching Procedure
GWPC - Ground-water Protection Criteria

Bolding indicates a detected result value

Laboratory Qualifiers:

U - indicates not detected to the reporting limit

Table 3
Groundwater Analytical Results
Town of Glastonbury
95 Oak Street
Sampling Dates:
2/27/09, 3/20/09 and 3/24/09

Sample Name: / Sample Date:	SWPC	Proposed RES GWVC	GEI-MW-13 2/27/2009	GEI-MW-15 2/27/2009	GEI-MW-16 2/27/2009	GEI-MW-17 2/27/2009	GEI-MW-1 2/27/2009	MW-2 2/27/2009	MW-15 3/20/2009
Non-carcinogenic PAHs (ug/L)									
Fluoranthene	3700	NE	NA	NA	5 U	**6.0**	NA	NA	5 U
Phenanthrene	0.077	NE	NA	NA	0.07 U	**2.81**	NA	NA	0.07 U
Pyrene	110000	NE	NA	NA	5 U	**5.0**	NA	NA	5 U
Carcinogenic PAHs (ug/L)									
Benz[a]anthracene	0.3	NE	NA	NA	0.06 U	**2.87**	NA	NA	0.06 U
Benzo[a]pyrene	0.3	NE	NA	NA	0.2 U	**2.9**	NA	NA	0.2 U
Benzo[b]fluoranthene	0.3	NE	NA	NA	0.08 U	**3.69**	NA	NA	0.08 U
Benzo[k]fluoranthene	0.3	NE	NA	NA	0.3 U	**1.2**	NA	NA	0.3 U
Indeno[1,2,3-cd]pyrene	SS-0.49	NE	NA	NA	1 U	**5.0**	NA	NA	1 U
Total Metals (ug/L)									
Barium	SS-4540	NE	**100**	NA	100 U	NA	NA	NA	NA
Lead (method 6010)	13	NE	5 U	5 U	5 U	**62**	NA	NA	NA
Lead (method 200.7)	13	NE	NA	NA	NA	NA	NA	NA	5 U

Table 3
Groundwater Analytical Results
Town of Glastonbury
95 Oak Street
Sampling Dates:
2/27/09, 3/20/09 and 3/24/09

Sample Name: / Sample Date:	SWPC	Proposed RES GWVC	MW-18 3/24/2009	TW-1 3/20/2009	TW-2 3/20/2009	TW-3 3/20/2009	TW-4 3/20/2009	TW-5 3/20/2009	TW-6 3/20/2009	TW-7 3/20/2009
Non-carcinogenic PAHs (ug/L)										
Fluoranthene	3700	NE	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	0.077	NE	NA	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Pyrene	110000	NE	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carcinogenic PAHs (ug/L)										
Benz[a]anthracene	0.3	NE	NA	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Benzo[a]pyrene	0.3	NE	NA	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo[b]fluoranthene	0.3	NE	NA	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
Benzo[k]fluoranthene	0.3	NE	NA	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Indeno[1,2,3-cd]pyrene	SS-0.49	NE	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Metals (ug/L)										
Barium	SS-4540	NE	NA	NA	NA	NA	NA	NA	NA	NA
Lead (method 6010)	13	NE	NA	NA	NA	NA	NA	NA	NA	NA
Lead (method 200.7)	13	NE	NA	**24**	5 U	**32**	**11**	5 U	5 U	5 U

Table 3
Groundwater Analytical Results
Town of Glastonbury
95 Oak Street
Sampling Dates:
2/27/09, 3/20/09 and 3/24/09

Notes:

ug/L - micrograms per liter
PAHs - polycyclic aromatic hydrocarbons

SWPC: Surface Water Protection Criteria

Res GWVC - Residential volatilization criteria means the concentrations identified as residential volatilization criteria in Appendices E and F to sections 22a-133k-1 through 22a-133k-3 of the Regulations of Connecticut State Agencies.

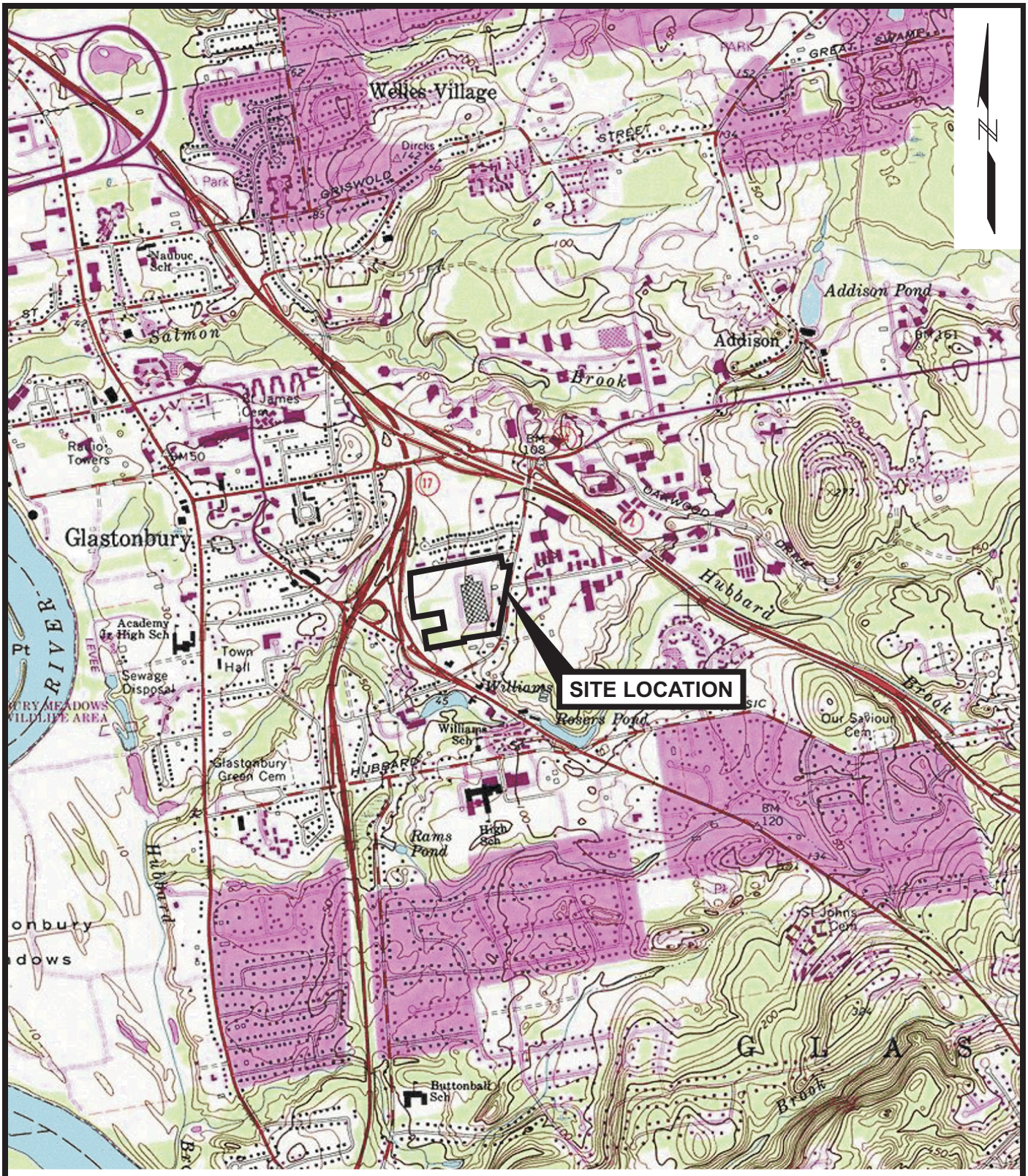
NA - not applicable
NE - not established
SS - if statewide criteria have not been established, but site specific criteria are available, this is denoted by the prefix "SS" and the most conservative site specific value are listed.

Bolding indicates a detected result value
Shading and bolding indicates that the detected result value exceeds the Remediation Standard it was compared to

Laboratory Qualifiers:

U - indicates not detected to the reporting limit

Figures



SOURCE: Map created with TOPO! ® ©2001 National Geographic (www.nationalgeographic.com/topo)

0 2000 4000

SCALE, FEET

PHASE II/III FIELD INVESTIGATION
95 OAK STREET
GLASTONBURY, CONNECTICUT

TONE OF GLASTONBURY, CONNECTICUT

GEI Consultants

Project 090500-1000

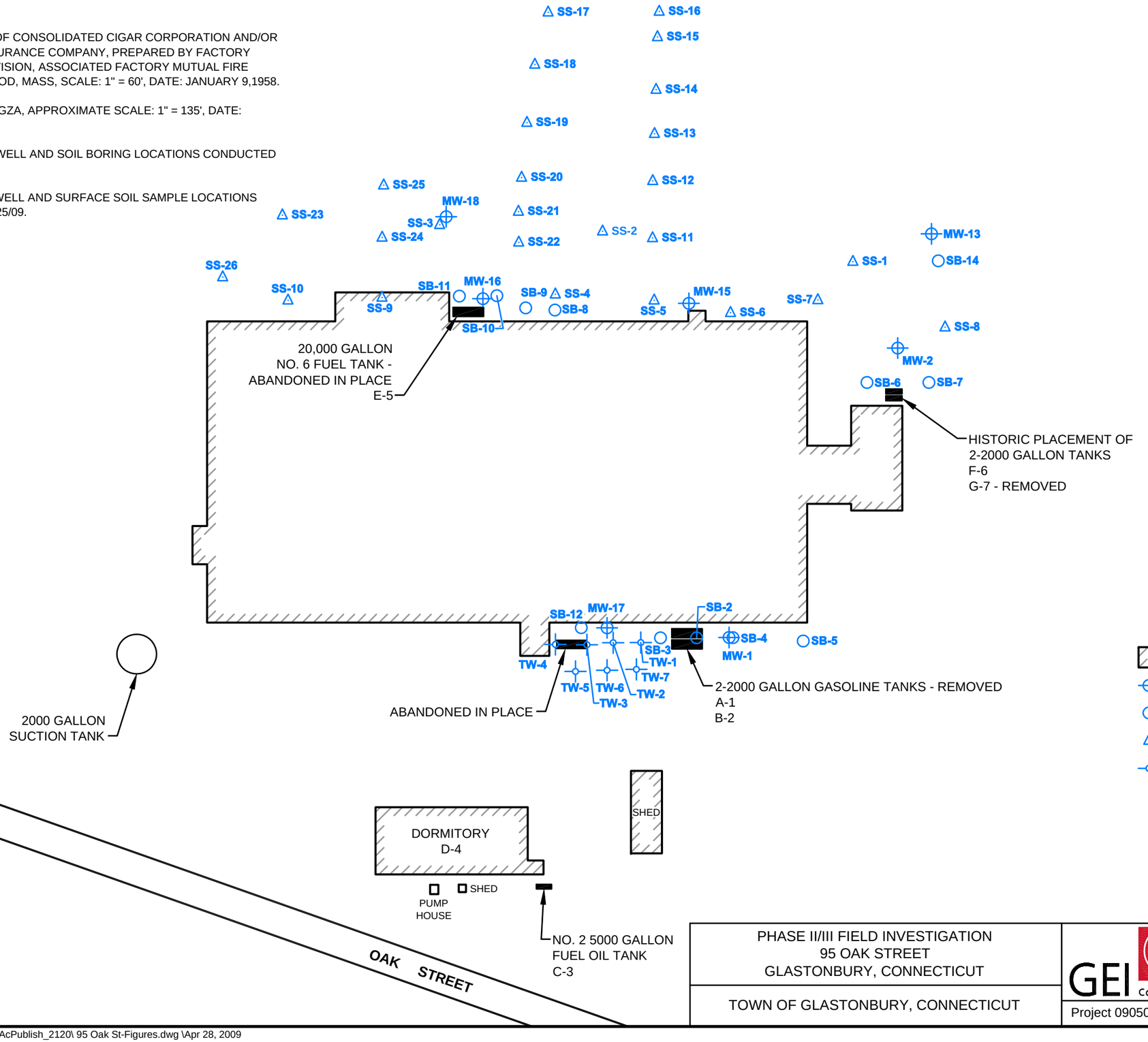
SITE LOCATION MAP

April 2009 Figure 1

I:\GEI\Glastonbury-Town of\090500\Phase 2-3 FI\95 Oak St-location Map.cdr

SOURCES:

1. PLAN BASED ON SURVEY OF CONSOLIDATED CIGAR CORPORATION AND/OR MUTUAL BENEFIT LIFE INSURANCE COMPANY, PREPARED BY FACTORY MUTUAL ENGINEERING DIVISION, ASSOCIATED FACTORY MUTUAL FIRE INSURANCE COS., NORWOOD, MASS, SCALE: 1" = 60', DATE: JANUARY 9,1958.
2. *SITE PLAN,* PREPARED BY GZA, APPROXIMATE SCALE: 1" = 135', DATE: SEPTEMBER, 1987.
3. SURVEY OF MONITORING WELL AND SOIL BORING LOCATIONS CONDUCTED BY GEI ON 3/9/09.
4. SURVEY OF TEMPORARY WELL AND SURFACE SOIL SAMPLE LOCATIONS CONDUCTED BY GEI ON 3/25/09.



LEGEND:

	BUILDING
MW-1	MONITORING WELL LOCATION
SB-1	SOIL BORING LOCATION
SS-1	SURFACE SOIL SAMPLE LOCATION
TW-1	TEMPORARY WELL LOCATION

0 100 200

APPROXIMATE SCALE, FEET

PHASE II/III FIELD INVESTIGATION
95 OAK STREET
GLASTONBURY, CONNECTICUT

TOWN OF GLASTONBURY, CONNECTICUT

GEI Consultants

Project 090500-1000

SOIL BORING AND MONITORING WELL LOCATIONS

April 2009 Figure 2

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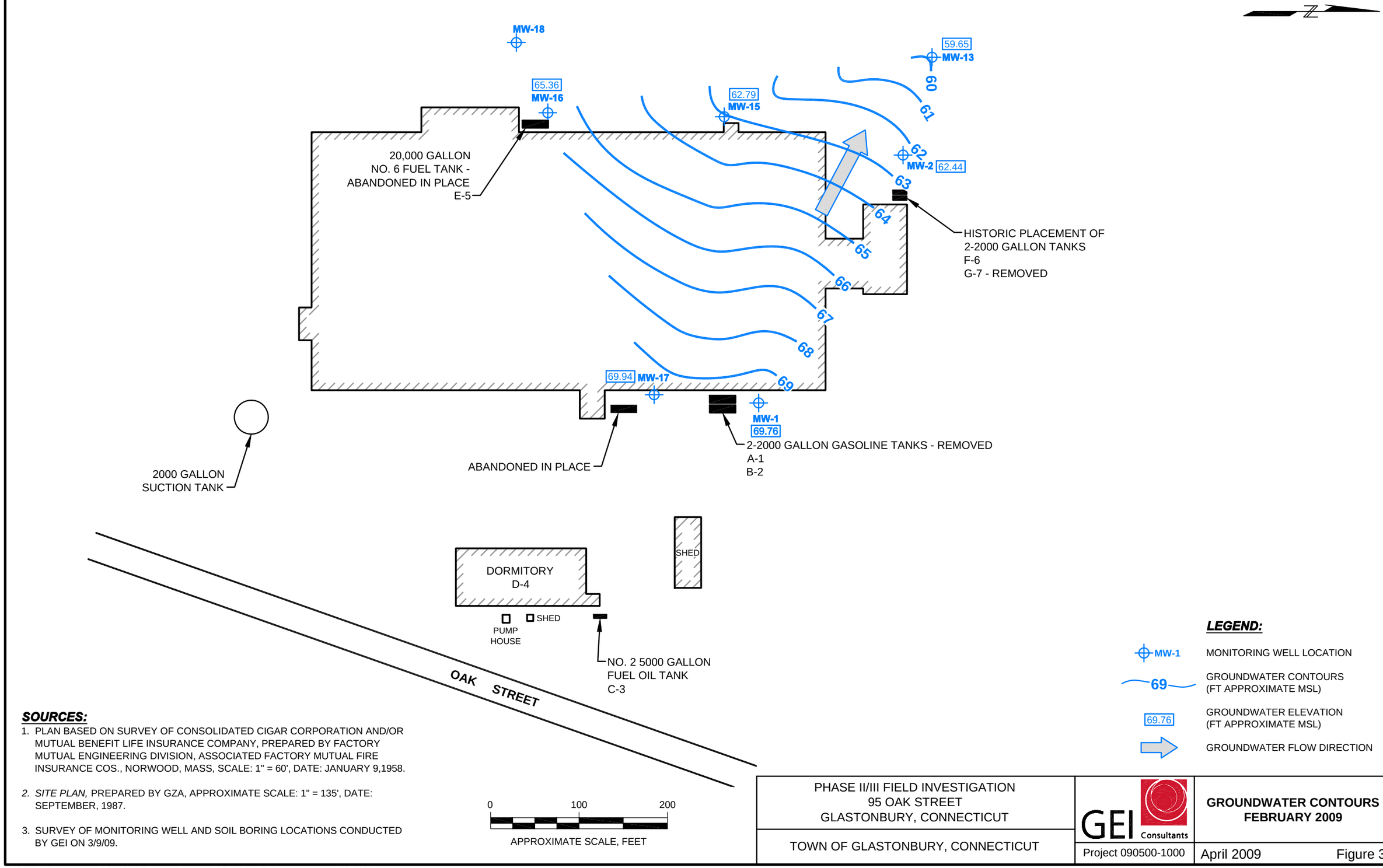

LEGEND:

- MW-1 — MONITORING WELL LOCATION
- 69 — GROUNDWATER CONTOURS (FT APPROXIMATE MSL)
- 69.76 — GROUNDWATER ELEVATION (FT APPROXIMATE MSL)
- GROUNDWATER FLOW DIRECTION

SOURCES:

1. PLAN BASED ON SURVEY OF CONSOLIDATED CIGAR CORPORATION AND/OR MUTUAL BENEFIT LIFE INSURANCE COMPANY, PREPARED BY FACTORY MUTUAL ENGINEERING DIVISION, ASSOCIATED FACTORY MUTUAL FIRE INSURANCE COS., NORWOOD, MASS, SCALE: 1" = 60', DATE: JANUARY 9,1958.
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PHASE II/III FIELD INVESTIGATION
95 OAK STREET
GLASTONBURY, CONNECTICUT

TOWN OF GLASTONBURY, CONNECTICUT

GEI Consultants

Project 090500-1000

GROUNDWATER CONTOURS FEBRUARY 2009

April 2009 Figure 3

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Appendix A

Soil Boring Completion Logs

GEI Consultants

GEI Consultants, Inc.
455 Winding Brook Road
Glastonbury, CT 06033
(860) 368-5300

CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
PAGE 1 of 1
SB-1

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 10.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/19/2009 - 2/19/2009
DRILLING DETAILS: Geoprobe
WATER LEVEL DEPTHS (FT): ▼ 2.50

DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN FT.	REC IN.	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0							0 - 0.5 Topsoil.
							0.5 - 2.4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, ~5% gravel; ~15% silt, dry, reddish brown.
▼		1.0		0		SB-1 (30")	2.4 - 2.5 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, ~5% gravel; ~15% silt, dry, red.
							2.5 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, ~5% gravel; ~15% silt, damp, reddish brown.
5							4 - 8 POORLY GRADED SAND WITH SILT AND GRAVEL; ~15% sand, ~5% gravel; ~80% silt, moist, reddish brown.
							8 - 10 POORLY GRADED SAND WITH SILT AND GRAVEL; ~15% sand, ~5% gravel; ~80% silt, wet, reddish brown.
10							Bottom of borehole at 10.0 feet.

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET
NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR
CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

GEI Consultants, Inc.
455 Winding Brook Road
Glastonbury, CT 06033
(860) 368-5300

CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
PAGE 1 of 1
SB-2

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 11.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/19/2009 - 2/19/2009
DRILLING DETAILS: Geoprobe
WATER LEVEL DEPTHS (FT): ▼ 8.00

DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN FT.	REC IN.	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0							0 - 0.5 Topsoil. 0.5 - 2 POORLY GRADED SAND WITH SILT AND GRAVEL; fine, ~85% sand, fine; ~15% silt, moist, brown. 2 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine to medium, ~5% gravel, fine; ~15% silt, moist, reddish brown.
		1.0		0		SB-2 (4-5)	4 - 6 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine to medium, ~5% gravel, fine; ~15% silt, moist, reddish brown.
5							6 - 8 POORLY GRADED SAND WITH SILT AND GRAVEL; fine, ~20% sand, fine; ~80% silt, wet, brown.
▼							8 - 11 POORLY GRADED SAND WITH SILT AND GRAVEL; fine, ~20% sand, fine; ~80% silt, saturated, brown.
10							
							Bottom of borehole at 11.0 feet.

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET
NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR
CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

GEI Consultants

GEI Consultants, Inc.
455 Winding Brook Road
Glastonbury, CT 06033
(860) 368-5300

CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
PAGE 1 of 1
SB-3

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 8.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/19/2009 - 2/19/2009
DRILLING DETAILS: Geoprobe
WATER LEVEL DEPTHS (FT): ▼ 4.00

DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN FT.	REC IN.	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0						0 - 1 Topsoil.
		3.0			SB-3 (2-3)	1 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine to medium, ~5% gravel, fine; ~10% silt, moist, brown.
▼						4 - 7 POORLY GRADED SAND WITH SILT AND GRAVEL; ~90% sand, fine to medium; ~10% silt, moist, brown.
5						7 - 8 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine; ~20% silt, saturated, brown.
						Bottom of borehole at 8.0 feet.

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET
NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR
CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

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(860) 368-5300

CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
PAGE 1 of 1
SB-4

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 8.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/19/2009 - 2/19/2009
DRILLING DETAILS: Geoprobe
WATER LEVEL DEPTHS (FT): ▼ 7.00

DEPTH FT.	SAMPLE INFO TYPE and NO.	SAMPLE INFO PEN FT.	SAMPLE INFO REC IN.	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0						0 - 0.5 Topsoil.
						0.5 - 2 POORLY GRADED SAND WITH SILT AND GRAVEL; ~85% sand, fine; ~15% silt, damp, brown.
						2 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine; ~20% silt, moist, brown.
						4 - 5 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine; ~20% silt, moist, brown.
5						5 - 6 POORLY GRADED SAND WITH SILT AND GRAVEL; ~70% sand, fine; ~30% silt, moist, brown.
		0.5			SB-4 (5.5-6)	6 - 7 POORLY GRADED SAND WITH SILT AND GRAVEL; ~70% sand, fine to medium; ~30% silt, moist, brown.
▼						7 - 8 POORLY GRADED SAND WITH SILT AND GRAVEL; ~30% sand; ~70% silt, moist, brown.
						Bottom of borehole at 8.0 feet.

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR
CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

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CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
PAGE 1 of 1
SB-5

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 8.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/19/2009 - 2/19/2009
DRILLING DETAILS: Geoprobe
WATER LEVEL DEPTHS (FT): ▼ 4.00

DEPTH FT.	SAMPLE INFO TYPE and NO.	SAMPLE INFO PEN FT.	SAMPLE INFO REC IN.	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0						0 - 1 Topsoil.
						1 - 2 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine, ~5% gravel; ~15% silt, moist, brown.
						2 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~90% sand, fine; ~10% silt, moist, brown.
		1.0			SB-5 (3-4)	
▼						4 - 5 POORLY GRADED SAND WITH SILT AND GRAVEL; ~85% sand, fine to medium; ~15% silt, saturated, brown.
5						5 - 7 POORLY GRADED SAND WITH SILT AND GRAVEL; ~25% sand, fine; ~75% silt, saturated, brown.
						7 - 8 POORLY GRADED SAND WITH SILT AND GRAVEL; ~25% sand, fine; ~75% silt, saturated, brown.
						Bottom of borehole at 8.0 feet.

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET
NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR
CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

GEI Consultants, inc. 455 Winding Brook Road Glastonbury, CT 06033 (860) 368-5300	CLIENT: Town of Glastonbury	BORING LOG	
GEI Consultants	PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT	PAGE 1 of 1	SB-6
	CITY/STATE: Glastonbury, Connecticut		
	GEI PROJECT NUMBER: 090500		

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 11.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/19/2009 - 2/19/2009
DRILLING DETAILS: Geoprobe
WATER LEVEL DEPTHS (FT): ▼ 11.00

DEPTH FT.	SAMPLE INFO TYPE and NO.	SAMPLE INFO PEN FT.	SAMPLE INFO REC IN.	STRATA	SOIL / BEDROCK DESCRIPTION
0					0 - 0.5 Topsoil.
					0.5 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine to coarse, ~10% gravel, fine; ~10% silt, moist, brown.
5					4 - 8 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine to medium, ~5% gravel, fine; ~15% silt, moist, brown.
					8 - 10 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine to coarse, ~5% gravel, fine; ~15% silt, moist, brown.
10					10 - 11 POORLY GRADED SAND WITH SILT AND GRAVEL; ~70% sand; ~30% silt, damp, brown.
▼		0.5			Bottom of borehole at 11.0 feet.

NOTES:

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PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET
NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR
CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

GEI Consultants

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CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
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SB-7

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 11.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/19/2009 - 2/19/2009
DRILLING DETAILS: Geoprobe
WATER LEVEL DEPTHS (FT): ▼ 9.00

DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN FT.	REC IN.	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0						0 - 0.5
						0.5 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine to medium, ~5% gravel, fine; ~10% silt, moist, brown.
5						4 - 8 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine to coarse, ~10% gravel, fine; ~10% silt, moist, brown.
▼						8 - 10 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine to coarse, ~10% gravel, fine; ~10% silt, wet, brown.
10		1.0			SB-7 (10-11)	10 - 11 POORLY GRADED SAND WITH SILT AND GRAVEL; ~15% sand, fine; ~85% silt, saturated, brown.
						Bottom of borehole at 11.0 feet.

NOTES:

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REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET
NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR
CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

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CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
PAGE 1 of 1
SB-8

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 12.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/19/2009 - 2/19/2009
DRILLING DETAILS: Geoprobe
WATER LEVEL DEPTHS (FT): ▼ 11.00

DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN FT.	REC IN.	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0							0 - 0.5 0.5 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; fine, ~80% sand, fine; ~20% silt, moist, brown.
5							4 - 8 POORLY GRADED SAND WITH SILT AND GRAVEL; ~75% sand, fine to medium, ~10% gravel, fine; ~15% silt, moist, brown.
10							8 - 11 POORLY GRADED SAND WITH SILT AND GRAVEL; ~75% sand, fine to medium, ~10% gravel, fine; ~15% silt, moist, brown.
▼		1.0		0		SB-8 (11)	11 - 12 POORLY GRADED SAND WITH SILT AND GRAVEL; ~60% sand, fine; ~40% silt, saturated, brown. Bottom of borehole at 12.0 feet.

NOTES:

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PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

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CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
PAGE 1 of 1
SB-9

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 12.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/19/2009 - 2/19/2009
DRILLING DETAILS: Geoprobe
WATER LEVEL DEPTHS (FT): ▼ 9.00

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC IN.	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0							0 - 0.5 Moist, Topsoil. 0.5 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~75% sand, fine to medium, ~10% gravel; ~15% silt, moist, brown.
5							4 - 5 POORLY GRADED SAND WITH SILT AND GRAVEL; ~75% sand, fine to medium, ~10% gravel; ~15% silt, moist, brown. 5 - 6 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine; ~20% silt, moist, dark brown. 6 - 8 POORLY GRADED SAND WITH SILT AND GRAVEL; ~85% sand, fine; ~15% silt, moist, brown.
▼							8 - 9 POORLY GRADED SAND WITH SILT AND GRAVEL; ~85% sand, fine to medium; ~15% silt, moist, brown. 9 - 9.5 POORLY GRADED SAND WITH SILT AND GRAVEL; ~95% sand, fine to medium; ~5% silt, saturated, brown.
10		1.0		0		SB-9 (10-11)	9.5 - 12 POORLY GRADED SAND WITH SILT AND GRAVEL; fine, ~20% sand, fine to medium; ~70% silt, saturated, brown.
							Bottom of borehole at 12.0 feet.

NOTES:

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REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET
NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR
CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

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CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
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BORING LOG
PAGE 1 of 1
SB-10

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 12.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/19/2009 - 2/19/2009
DRILLING DETAILS: Geoprobe
WATER LEVEL DEPTHS (FT): _____

DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN FT.	REC IN.	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0							0 - 0.5 TOPSOIL. 0.5 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine sand; ~15% silt, damp, brown.
5							4 - 7 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine sand; ~15% silt, damp, brown. 7 - 8 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine sand; ~15% silt, wet, brown. 8 - 9 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine sand; ~15% silt, wet, brown.
		1.0		0		SB-10 (9-10)	9 - 10 POORLY GRADED SAND WITH SILT AND GRAVEL; ~85% sand, fine sand; ~15% silt, saturated, brown.
10							10 - 12 SILT WITH SAND; ~30% sand, silt; ~70% silt, moist, brown.

Bottom of borehole at 12.0 feet.

NOTES:

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REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

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PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
PAGE 1 of 1
SB-11

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 8.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/19/2009 - 2/19/2009
DRILLING DETAILS: Geoprobe
WATER LEVEL DEPTHS (FT): _____

DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN FT.	REC IN.	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0							0 - 0.5 TOPSOIL. 0.5 - 2 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine to medium, ~5% gravel; ~15%, wet, brown. 2 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~85% sand, fine sand; ~15%, moist, brown.
		0.5		0		SB-11 (3.5-4)	
5							4 - 6 POORLY GRADED SAND WITH SILT AND GRAVEL; ~85% sand, fine to medium; ~15%, moist, brown. 6 - 8 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine to medium, ~5% gravel; ~15%, wet, brown.

Bottom of borehole at 8.0 feet.

NOTES:

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REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET
NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR
CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

GEI Consultants

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CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
PAGE 1 of 1
SB-12

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 8.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/19/2009 - 2/19/2009
DRILLING DETAILS: Geoprobe
WATER LEVEL DEPTHS (FT): _____

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC IN.	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0							0 - 0.5 TOPSOIL. 0.5 - 2.4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, ~5% gravel; ~15% silt, dry, reddish brown.
		1.0		0		SB-12 (3-4)	2.4 - 2.5 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, ~5% gravel; ~15% silt, dry, red. 2.5 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, ~5% gravel; ~15% silt, damp, reddish brown.
5							

Bottom of borehole at 8.0 feet.

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET
NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR
CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

GEI Consultants

GEI Consultants, Inc.
455 Winding Brook Road
Glastonbury, CT 06033
(860) 368-5300

CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
PAGE 1 of 1
SB-14

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 6.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/20/2009 - 2/20/2009
DRILLING DETAILS: Hollow Stem Auger
WATER LEVEL DEPTHS (FT): _____

DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN FT.	REC IN.	PID (ppm)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
0							0 - 0.25 TOPSOIL. 0.25 - 2 POORLY GRADED SAND WITH SILT AND GRAVEL; ~85% sand, fine to medium; ~15%, damp, brown. 2 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~85% sand, fine to medium; ~15%, damp, brown.
5		2.0		0		SB-14 (4-6)	4 - 6 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, fine sand; ~20%, saturated, brown.

Bottom of borehole at 6.0 feet.

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

GEI Consultants

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455 Winding Brook Road
Glastonbury, CT 06033
(860) 368-5300

CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
PAGE 1 of 1
MW-13

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 14.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/20/2009 - 2/20/2009
DRILLING DETAILS: Hollow Stem Auger
WATER LEVEL DEPTHS (FT): _____

DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN FT.	SAMPLE INFO: REC IN.	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
0						0 - 0.25 TOPSOIL. 0.25 - 2 POORLY GRADED SAND WITH SILT AND GRAVEL; ~90% sand, fine to medium; ~10%, damp, brown. 2 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~90% sand, fine to medium; ~10%, damp, brown. 4 - 6 POORLY GRADED SAND WITH SILT AND GRAVEL; ~90% sand, fine to medium; ~10%, wet, brown.	
5		1.0			MW-13 (6-7)	6 - 7 POORLY GRADED SAND WITH SILT AND GRAVEL; ~90% sand, fine; ~10%, saturated, brown. 7 - 8 SILT WITH SAND; ~30% sand, fine; ~70%, moist, brown. 8 - 14 SILT WITH SAND; ~40% sand, fine; ~60%, wet, brown.	
10							

Bottom of borehole at 14.0 feet.

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

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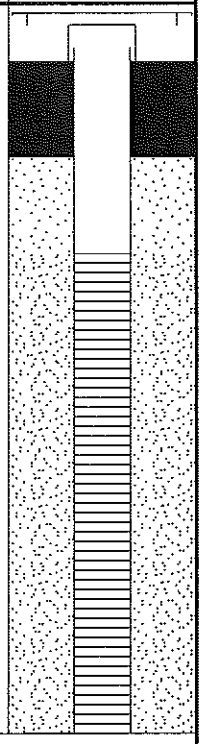
CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
PAGE 1 of 1
MW-15

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 15.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/20/2009 - 2/20/2009
DRILLING DETAILS: Hollow Stem Auger
WATER LEVEL DEPTHS (FT): _____

DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN FT.	SAMPLE INFO: REC IN.	STRATA	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
0					0 - 0.25 TOPSOIL. 0.25 - 4 POORLY GRADED SAND WITH SILT AND GRAVEL; ~85% sand, ~5% gravel; ~10% silt, damp, brown.	
5					4 - 8 POORLY GRADED SAND WITH SILT AND GRAVEL; ~80% sand, ~5% gravel; ~15% silt, moist, brown.	
10					8 - 12 POORLY GRADED SAND WITH SILT; ~80% sand; ~20% silt, wet, brown.	
15					12 - 15 POORLY GRADED SAND WITH SILT; ~80% sand; ~20% silt, wet, brown.	

Bottom of borehole at 15.0 feet.



NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

GEI Consultants

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455 Winding Brook Road
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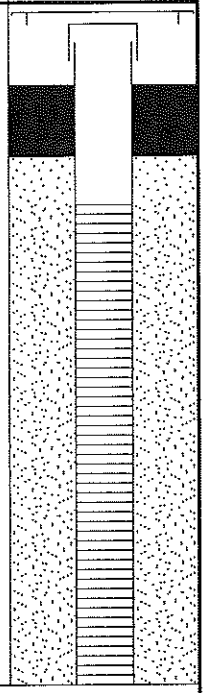
(860) 368-5300

CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
PAGE 1 of 1
MW-16

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 14.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/20/2009 - 2/20/2009
DRILLING DETAILS: Hollow Stem Auger
WATER LEVEL DEPTHS (FT): _____

DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN FT.	SAMPLE INFO: REC IN.	STRATA	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
0					0 - 0.25 TOPSOIL. 0.25 - 8 ~85% sand; ~15% silt, damp, brown.	
5						
					8 - 14 ~85% sand; ~15% silt, moist, brown.	
10						
					Bottom of borehole at 14.0 feet.	



NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET
NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR
CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

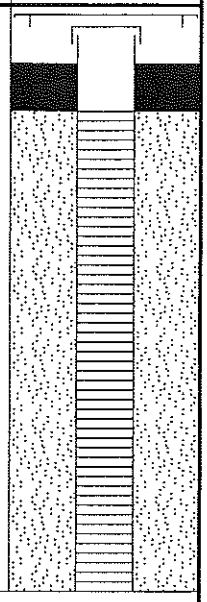
GEI Consultants

GEI Consultants, Inc.
455 Winding Brook Road
Glastonbury, CT 06033
(860) 368-5300

CLIENT: Town of Glastonbury
PROJECT NAME: Phase II 95 Oak Street, Glastonbury, CT
CITY/STATE: Glastonbury, Connecticut
GEI PROJECT NUMBER: 090500

BORING LOG
PAGE 1 of 1
MW-17

GROUND SURFACE ELEVATION (FT): _____ LOCATION: _____
NORTHING: _____ EASTING: _____ TOTAL DEPTH (FT): 12.00
DRILLED BY: Columbia Environmental Drilling / Chris McKinney DATUM VERT. / HORZ.: _____
LOGGED BY: Jessie McCusker DATE START / END: 2/20/2009 - 2/20/2009
DRILLING DETAILS: Hollow Stem Auger
WATER LEVEL DEPTHS (FT): _____

DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN FT.	SAMPLE INFO: REC IN.	STRATA	SOIL / BEDROCK DESCRIPTION	WELL CONSTRUCTION DETAILS
0					0 - 0.25 TOPSOIL. 0.25 - 5 ~60% gravel, ~30% sand; ~10% silt, damp, brown.	
5					5 - 12 ~50% gravel, ~40% sand; ~10% silt, wet, brown.	
10						

Bottom of borehole at 12.0 feet.

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
REC = RECOVERY LENGTH OF SAMPLE
PID = PHOTOIONIZATION DETECTOR READING (JAR HEADSPACE)
ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET
NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR
CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG PHASE II 95 OAK STREET.GPJ GEI CONSULTANTS.GDT 4/10/09

Appendix B

Laboratory Analytical Results and Chain-of-Custody Forms

March 09, 2009

GEI Consultants Inc.
455 Winding Brook Drive, Suite 201
Glastonbury, CT 06033

Attn: Mr. Ryan Acosta

Please find attached laboratory report(s) for the samples submitted on:
February 27, 2009.

All pertinent information for this analysis is located on the report. Should it be necessary to contact us regarding billing or the test results, please have the following information readily available:

Lab No.	: 0209347
PO/Job No.	: 090500
Invoice No.	: 158356
Customer No.	: 121

Please contact us if you have any questions.

Very truly yours,

Stephen J. Franco
Laboratory Director
PH-0547

connecticut testing laboratories *inc.*
WATER ▫ SOIL ▫ AIR

STEPHEN J. FRANCO
Laboratory Director
PHONE ▫ 203/634-3731
www.ctl-web.com / ctestlab@erols.com
165 GRACEY AVENUE ▫ MERIDEN, CT ▫ 06451

Date Samples Received: 02/27/09

Client Name : **GEI Consultants**	CTL Lab No. : 0209347
Report Date : 03/06/09	PO/ Job No. : 090500

RESULTS OF ANALYSIS

Total Metals

Matrix Type :	**W**	**W**	**W**	**W**
CTL Sample No.:	**2880**	**2881**	**2882**	**2883**
Field ID :	**GEI-MW-13**	**GEI-MW-15**	**GEI-MW-16**	**GEI-MW-17**

Parameters	**MDL**				
Arsenic-mg/L	0.05	BDL	----	BDL	----
Barium-mg/L	0.1	0.1	----	BDL	----
Cadmium-mg/L	0.005	BDL	----	BDL	----
Chromium, Total-mg/L	0.05	BDL	----	BDL	----
Lead-mg/L	0.005	BDL	BDL	BDL	0.062
Mercury-mg/L	0.002	BDL	----	BDL	----
Selenium-mg/L	0.01	BDL	----	BDL	----
Silver-mg/L	0.01	BDL	----	BDL	----

MDL= Method Detection Level **BDL**= Below Detection Level

Matrix Type: W = Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547/ MA-CT035

Date Samples Received: 02/27/09

Client Name : **GEI Consultants**	Date Extracted: 03/06/09
CTL Lab No.: 0209347	Date Analyzed: 03/06/09
Job/PO No. : 090500	Analyst: BM
Report. Date: 03/06/09	

RESULTS OF ANALYSIS

Matrix Type: W

Field ID	CTL #	MDL	CT ETPH -mg/L			
MW-2	2879	0.10	BDL			
GEI-MW-13	2880	0.10	BDL			
GEI-MW-15	2881	0.10	BDL			
GEI-MW-16	2882	0.10	BDL			
GEI-MW-1	2884	0.10	BDL			

MDL= Method Detection Level / **BDL**= Below Detection Level

Matrix Type: W= Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547/ MA-CT035

Client Name : **GEI Consultants**
CTL Lab No.: 0209347
Job/PO No. : 090500
Report Date : 03/06/09

Date Analyzed: 03/04/09
Analyst: KM

EPA METHOD 8260B GC/MS

Date Samples Rec'd: 02/27/09

Matrix Type	**W**	**W**	**W**	**W**
CTL Sample #:	**2879**	**2880**	**2881**	**2882**
Field ID :	**MW-2**	**GEI-MW-13**	**GEI-MW-15**	**GEI-MW-16**

Results of Analysis-ug/L

Parameters	**MDL**				
Dichlorodifluoromethane	1	BDL	BDL	BDL	BDL
Chloromethane	1	BDL	BDL	BDL	BDL
Vinyl chloride	1	BDL	BDL	BDL	BDL
Chloroethane	1	BDL	BDL	BDL	BDL
Bromomethane	1	BDL	BDL	BDL	BDL
Trichlorofluoromethane	1	BDL	BDL	BDL	BDL
1,1-Dichloroethylene	1	BDL	BDL	BDL	BDL
Methylene chloride	1	BDL	BDL	BDL	BDL
t-1,2-Dichloroethylene	1	BDL	BDL	BDL	BDL
1,1-Dichloroethane	1	BDL	BDL	BDL	BDL
2,2-Dichloropropane	1	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	1	BDL	BDL	BDL	BDL
Chloroform	1	BDL	BDL	BDL	BDL
Bromochloromethane	1	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	1	BDL	BDL	BDL	BDL
1,1-Dichloropropylene	1	BDL	BDL	BDL	BDL
Carbon tetrachloride	1	BDL	BDL	BDL	BDL
Benzene	1	BDL	BDL	BDL	BDL
1,2-Dichloroethane	1	BDL	BDL	BDL	BDL
Trichloroethylene	1	BDL	BDL	BDL	BDL
1,2-Dichloropropane	1	BDL	BDL	BDL	BDL
Bromodichloromethane	1	BDL	BDL	BDL	BDL
Dibromomethane	1	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropylene	1	BDL	BDL	BDL	BDL
Toluene	1	BDL	BDL	BDL	BDL
t-1,3-Dichloropropylene	1	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	1	BDL	BDL	BDL	BDL
Tetrachloroethylene	1	BDL	BDL	BDL	BDL
1,3-Dichloropropane	1	BDL	BDL	BDL	BDL
Dibromochloromethane	1	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	1	BDL	BDL	BDL	BDL
Chlorobenzene	1	BDL	BDL	BDL	BDL
Ethylbenzene	1	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	1	BDL	BDL	BDL	BDL
p/m-Xylene	1	BDL	BDL	BDL	BDL
o-Xylene	1	BDL	BDL	BDL	BDL

MDL= Method Detection Level **BDL**= Below Detection Level

Matrix Type: W= Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
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Certification CT-PH0547/ MA-CT035

Client Name : **GEI Consultants**
CTL Lab No.: 0209347
Job/PO No. : 090500
Report Date : 03/06/09

Date Analyzed: 03/04/09
Analyst: KM

EPA METHOD 8260B GC/MS

Date Samples Rec'd: 02/27/09

Matrix Type	**W**	**W**	**W**	**W**
CTL Sample #:	**2879**	**2880**	**2881**	**2882**
Field ID :	**MW-2**	**GEI-MW-13**	**GEI-MW-15**	**GEI-MW-16**

Results of Analysis-ug/L

Parameters	**MDL**				
Styrene	1	BDL	BDL	BDL	BDL
Bromoform	1	BDL	BDL	BDL	BDL
Isopropylbenzene	1	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	1	BDL	BDL	BDL	BDL
Bromobenzene	1	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	1	BDL	BDL	BDL	BDL
n-Propylbenzene	1	BDL	BDL	BDL	BDL
2-Chlorotoluene	1	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	1	BDL	BDL	BDL	BDL
4-Chlorotoluene	1	BDL	BDL	BDL	BDL
tert-Butylbenzene	1	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	1	BDL	BDL	BDL	BDL
sec-Butylbenzene	1	BDL	BDL	BDL	BDL
p-Isopropyltoluene	1	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	1	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	1	BDL	BDL	BDL	BDL
n-Butylbenzene	1	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	1	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane	1	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	1	BDL	BDL	BDL	BDL
Hexachlorobutadiene	10	BDL	BDL	BDL	BDL
Naphthalene	10	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	1	BDL	BDL	BDL	BDL
Methyl ethyl ketone	10	BDL	BDL	BDL	BDL
Methyl butyl ketone	10	BDL	BDL	BDL	BDL
Methyl isobutyl ketone	10	BDL	BDL	BDL	BDL
MTBE	1	BDL	BDL	BDL	BDL
1,2-Dichloroethane-d4 (SR)	----	97	94	97	96
Toluene-d8 (SR)	----	100	99	101	99
p-Bromofluorobenzene (SR)	----	101	101	100	99

MDL= Method Detection Level **BDL**= Below Detection Level

Matrix Type: W= Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

SR = Surrogate Recovery-Percent

Connecticut Testing Laboratories, Inc.
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Certification CT-PH0547/ MA-CT035

Client Name : **GEI Consultants**	
CTL Lab No.: 0209347	Date Analyzed: 03/04/09
Job/PO No. : 090500	Analyst: KM
Report Date : 03/06/09	

EPA METHOD 8260B GC/MS Date Samples Rec'd: 02/27/09

Matrix Type	**W**	**W**	**W**
CTL Sample #:	**2883**	**2884**	**2885**
Field ID :	**GEI-MW-17**	**GEI-MW-1**	**Trip Blank**

Results of Analysis-ug/L

Parameters	**MDL**				
Dichlorodifluoromethane	1	BDL	BDL	BDL	
Chloromethane	1	BDL	BDL	BDL	
Vinyl chloride	1	BDL	BDL	BDL	
Chloroethane	1	BDL	BDL	BDL	
Bromomethane	1	BDL	BDL	BDL	
Trichlorofluoromethane	1	BDL	BDL	BDL	
1,1-Dichloroethylene	1	BDL	BDL	BDL	
Methylene chloride	1	BDL	BDL	BDL	
t-1,2-Dichloroethylene	1	BDL	BDL	BDL	
1,1-Dichloroethane	1	BDL	BDL	BDL	
2,2-Dichloropropane	1	BDL	BDL	BDL	
cis-1,2-Dichloroethylene	1	BDL	BDL	BDL	
Chloroform	1	BDL	BDL	BDL	
Bromochloromethane	1	BDL	BDL	BDL	
1,1,1-Trichloroethane	1	BDL	BDL	BDL	
1,1-Dichloropropylene	1	BDL	BDL	BDL	
Carbon tetrachloride	1	BDL	BDL	BDL	
Benzene	1	BDL	BDL	BDL	
1,2-Dichloroethane	1	BDL	BDL	BDL	
Trichloroethylene	1	BDL	BDL	BDL	
1,2-Dichloropropane	1	BDL	BDL	BDL	
Bromodichloromethane	1	BDL	BDL	BDL	
Dibromomethane	1	BDL	BDL	BDL	
cis-1,3-Dichloropropylene	1	BDL	BDL	BDL	
Toluene	1	BDL	BDL	BDL	
t-1,3-Dichloropropylene	1	BDL	BDL	BDL	
1,1,2-Trichloroethane	1	BDL	BDL	BDL	
Tetrachloroethylene	1	BDL	BDL	BDL	
1,3-Dichloropropane	1	BDL	BDL	BDL	
Dibromochloromethane	1	BDL	BDL	BDL	
1,2-Dibromoethane (EDB)	1	BDL	BDL	BDL	
Chlorobenzene	1	BDL	BDL	BDL	
Ethylbenzene	1	BDL	BDL	BDL	
1,1,1,2-Tetrachloroethane	1	BDL	BDL	BDL	
p/m-Xylene	1	BDL	BDL	BDL	
o-Xylene	1	BDL	BDL	BDL	

MDL= Method Detection Level **BDL=** Below Detection Level

Matrix Type: W= Water/Aqueous **S=** Soil/Solid **O=** Oil/Hydrocarbon

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Client Name : **GEI Consultants**
CTL Lab No.: 0209347
Job/PO No. : 090500
Report Date : 03/06/09

Date Analyzed: 03/04/09
Analyst: KM

EPA METHOD 8260B GC/MS

Date Samples Rec'd: 02/27/09

Matrix Type	**W**	**W**	**W**
CTL Sample #:	**2883**	**2884**	**2885**
Field ID :	**GEI-MW-17**	**GEI-MW-1**	**Trip Blank**

Results of Analysis-ug/L

Parameters	**MDL**				
Styrene	1	BDL	BDL	BDL	
Bromoform	1	BDL	BDL	BDL	
Isopropylbenzene	1	BDL	BDL	BDL	
1,1,2,2-Tetrachloroethane	1	BDL	BDL	BDL	
Bromobenzene	1	BDL	BDL	BDL	
1,2,3-Trichloropropane	1	BDL	BDL	BDL	
n-Propylbenzene	1	BDL	BDL	BDL	
2-Chlorotoluene	1	BDL	BDL	BDL	
1,3,5-Trimethylbenzene	1	BDL	BDL	BDL	
4-Chlorotoluene	1	BDL	BDL	BDL	
tert-Butylbenzene	1	BDL	BDL	BDL	
1,2,4-Trimethylbenzene	1	BDL	BDL	BDL	
sec-Butylbenzene	1	BDL	BDL	BDL	
p-Isopropyltoluene	1	BDL	BDL	BDL	
1,3-Dichlorobenzene	1	BDL	BDL	BDL	
1,4-Dichlorobenzene	1	BDL	BDL	BDL	
n-Butylbenzene	1	BDL	BDL	BDL	
1,2-Dichlorobenzene	1	BDL	BDL	BDL	
1,2-Dibromo-3-chloropropane	1	BDL	BDL	BDL	
1,2,4-Trichlorobenzene	1	BDL	BDL	BDL	
Hexachlorobutadiene	10	BDL	BDL	BDL	
Naphthalene	10	BDL	BDL	BDL	
1,2,3-Trichlorobenzene	1	BDL	BDL	BDL	
Methyl ethyl ketone	10	BDL	BDL	BDL	
Methyl butyl ketone	10	BDL	BDL	BDL	
Methyl isobutyl ketone	10	BDL	BDL	BDL	
MTBE	1	BDL	BDL	BDL	
1,2-Dichloroethane-d4 (SR)	----	94	94	97	
Toluene-d8 (SR)	----	98	101	99	
p-Bromofluorobenzene (SR)	----	104	106	100	

MDL= Method Detection Level **BDL**= Below Detection Level

Matrix Type: W= Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

SR = Surrogate Recovery-Percent

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547/ MA-CT035

Client Name : **GEI Consultants**	Date Extracted: 03/03/09
CTL Lab No.: 0209347	Date Analyzed: 03/05/09
Job/PO No. : 090500	Analyst: YK
Report Date : 03/06/09	

EPA METHOD 8270C Modified Date Samples Rec'd: 02/27/09

Matrix Type:	**W**	**W**
CTL Sample #:	**2882**	**2883**
Field ID :	**GEI-MW-16**	**GEI-MW-17**

Results of Analysis-ug/L

Parameters	**MDL**				
N-Nitrosodiphenylamine	5	BDL	BDL		
Phenol	20	BDL	BDL		
2,4,6-Trichlorophenol	20	BDL	BDL		
Bis(2-chloroethoxy)methane	5	BDL	BDL		
Bis(2-Chloroethyl)ether	5	BDL	BDL		
2-Chlorophenol	20	BDL	BDL		
1,3-Dichlorobenzene	5	BDL	BDL		
1,4-Dichlorobenzene	5	BDL	BDL		
1,2-Dichlorobenzene	5	BDL	BDL		
Bis(2chloroisopropyl)ether	5	BDL	BDL		
N-Nitrosodi-n-propylamine	5	BDL	BDL		
Hexachloroethane	3	BDL	BDL		
Nitrobenzene	5	BDL	BDL		
Isophorone	5	BDL	BDL		
2-Nitrophenol	20	BDL	BDL		
2,4-Dimethylphenol	20	BDL	BDL		
1,2,4-Trichlorobenzene	5	BDL	BDL		
Naphthalene	5	BDL	BDL		
2,4-Dichlorophenol	20	BDL	BDL		
Hexachlorobutadiene	5	BDL	BDL		
2-Methylnaphthalene	5	BDL	BDL		
4-Chloro-3-methylphenol	20	BDL	BDL		
Hexachlorocyclopentadiene	5	BDL	BDL		
2-Chloronaphthalene	5	BDL	BDL		
Dimethyl phthalate	5	BDL	BDL		
Acenaphthylene	0.3	BDL	BDL		
2,4-Dinitrotoluene	5	BDL	BDL		
Acenaphthene	5	BDL	BDL		
2,4-Dinitrophenol	20	BDL	BDL		
2,6-Dinitrotoluene	5	BDL	BDL		
4-Nitrophenol	20	BDL	BDL		
Diethyl phthalate	5	BDL	BDL		
Fluorene	5	BDL	BDL		
4-Chlorophenyl phenylether	5	BDL	BDL		
N-Nitrosodimethylamine	5	BDL	BDL		

MDL= Method Detection Level **BDL** = Below Detection Level

Matrix Types: **W** = Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

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Certification CT-PH0547/ MA-CT035

Client Name : **GEI Consultants**	Date Extracted: 03/03/09
CTL Lab No.: 0209347	Date Analyzed: 03/05/09
Job/PO No. : 090500	Analyst: YK
Report Date : 03/06/09	

EPA METHOD 8270C Modified Date Samples Rec'd: 02/27/09

Matrix Type:	**W**	**W**
CTL Sample #:	**2882**	**2883**
Field ID :	**GEI-MW-16**	**GEI-MW-17**

Results of Analysis-ug/L

Parameters	**MDL**				
2-Methyl-46-dinitrophenol	20	BDL	BDL		
4-Bromophenylphenyl ether	5	BDL	BDL		
Hexachlorobenzene	0.07	BDL	BDL		
Pentachlorophenol	5	BDL	BDL		
Phenanthrene	0.07	BDL	2.81		
Anthracene	5	BDL	BDL		
Carbazole	5	BDL	BDL		
Di-n-butyl phthalate	5	BDL	BDL		
Fluoranthene	5	BDL	6.0		
Benzidine	5	BDL	BDL		
Pyrene	5	BDL	5.0		
Butylbenzyl phthalate	5	BDL	BDL		
Benzo(a)anthracene	0.06	BDL	2.87		
Chrysene	4	BDL	BDL		
Bis(2-ethylhexyl)phthalate	2	BDL	BDL		
Di-n-octyl phthalate	5	BDL	BDL		
Benzo(b)fluoranthene	0.08	BDL	3.69		
Benzo(k)fluoranthene	0.3	BDL	1.2		
Benzo(a)pyrene	0.2	BDL	2.9		
Indeno(1,2,3-cd)pyrene	1	BDL	5.0		
Dibenzo(a,h)anthracene	1	BDL	BDL		
Benzo(ghi)perylene	20	BDL	BDL		
2-Fluorophenol (SR)	----	100	109		
Phenol-d6 (SR)	----	99	112		
Nitrobenzene-d5 (SR)	----	111	122		
2-Fluororbiphenyl (SR)	----	98	106		
2,4,6-Tribromophenol (SR)	----	95	100		
p-Terpenyl-dly (SR)	----	106	97		

MDL= Method Detection Level **BDL** = Below Detection Level

Matrix Types: W = Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

SR = Surrogate Recovery-Percent

Connecticut Testing Laboratories, Inc.
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Certification CT-PH0547/ MA-CT035

April 02, 2009

GEI Consultants Inc.
455 Winding Brook Drive, Suite 201
Glastonbury, CT 06033

Attn: Mr. Gary Iadarola

Please find attached laboratory report(s) for the samples submitted on:
March 20, 2009.

All pertinent information for this analysis is located on the report. Should it be necessary to contact us regarding billing or the test results, please have the following information readily available:

RECEIVED
APR 6
GEI CONSULTANTS, INC.

Lab No. : 0309263
PO/Job No. : S836-090500
Invoice No. : 158688
Customer No. : 121

Please contact us if you have any questions.

Very truly yours,

Stephen J. Franco
Laboratory Director
PH-0547

RECEIVED
GEI CONSULTANTS, INC.

connecticut testing laboratories inc.
WATER ▪ SOIL ▪ AIR

STEPHEN J. FRANCO
Laboratory Director
PHONE ▪ 203/634-3731
www.ctl-web.com / ctestlab@erols.com
165 GRACEY AVENUE ▪ MERIDEN, CT ▪ 06451

Date Samples Received: 03/20/2009

Client Name:	GEI Consultants, Inc.	CTL Lab No.:	0309263
Report Date:	04/01/2009	PO No:	S836-090500
		Analyst:	CP

RESULTS OF ANALYSIS

Matrix Type:			WATER	WATER	WATER	WATER	
CTL Sample No.:			3934	3935	3936	3937	
Field ID:			TW-1	TW-2	TW-3	TW-4	
Parameters	**Date Tested**	**RL**					**Method #**
Lead, Total-mg/L	03/26/2009	0.005	0.024	BDL	0.032	0.011	200.7

RL=Reporting Level BDL = Below Detection Level

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547 / MA-CT035

Date Samples Received: 03/20/2009

Client Name:	GEI Consultants, Inc.	CTL Lab No.:	0309263
Report Date:	04/01/2009	PO No:	S836-090500
		Analyst:	CP

RESULTS OF ANALYSIS

Matrix Type:			WATER	WATER	WATER	WATER	
CTL Sample No.:			3938	3939	3940	3941	
Field ID:			TW-5	TW-6	TW-7	MW-15	
Parameters	**Date Tested**	**RL**					**Method #**
Lead, Total-mg/L	03/26/2009	0.005	BDL	BDL	BDL	BDL	200.7

RL=Reporting Level BDL = Below Detection Level

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547 / MA-CT035

Date Samples Received: 03/20/2009

Client Name: GEI Consultants, Inc.	CTL Lab No.: 0309263
	PO No: S836-090500
Report Date: 04/01/2009	Analyst: SJF

RESULTS OF ANALYSIS

EPA Method 8270C SVOC GC/MS

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	3934	3935	3936	3937
Field ID:	TW-1	TW-2	TW-3	TW-4
Date Analyzed:	03/30/2009	03/30/2009	03/30/2009	03/30/2009
Date Extracted:	03/25/2009	03/25/2009	03/25/2009	03/25/2009

Parameters	Units	RL				
1,2,4-Trichlorobenzene	ppb	5	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	ppb	5	BDL	BDL	BDL	BDL
1,2-Diphenylhydrazine	ppb	5	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	ppb	5	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	ppb	5	BDL	BDL	BDL	BDL
2,4-Dichlorophenol	ppb	20	BDL	BDL	BDL	BDL
2,4-Dimethylphenol	ppb	20	BDL	BDL	BDL	BDL
2,4-Dinitrophenol	ppb	20	BDL	BDL	BDL	BDL
2,4-Dinitrotoluene	ppb	5	BDL	BDL	BDL	BDL
2,6-Dinitrotoluene	ppb	5	BDL	BDL	BDL	BDL
2-Chloronaphthalene	ppb	5	BDL	BDL	BDL	BDL
2-Chlorophenol	ppb	20	BDL	BDL	BDL	BDL
2-Methylnaphthalene	ppb	5	BDL	BDL	BDL	BDL
2-Nitrophenol	ppb	20	BDL	BDL	BDL	BDL
3,3-Dichlorobenzidine	ppb	5	BDL	BDL	BDL	BDL
4,6-Dinitro-2-methylphenol	ppb	20	BDL	BDL	BDL	BDL
4-Bromophenyl-phenylether	ppb	5	BDL	BDL	BDL	BDL
4-Chloro-3-methylphenol	ppb	20	BDL	BDL	BDL	BDL
4-Chlorophenyl phenylether	ppb	5	BDL	BDL	BDL	BDL
4-Nitrophenol	ppb	20	BDL	BDL	BDL	BDL
Acenaphthene	ppb	0.3	BDL	BDL	BDL	BDL
Acenaphthylene	ppb	5	BDL	BDL	BDL	BDL
Acetophenone	ppb	5	BDL	BDL	BDL	BDL
Anthracene	ppb	5	BDL	BDL	BDL	BDL
Benzidine	ppb	5	BDL	BDL	BDL	BDL
Benzo(a)anthracene	ppb	0.06	BDL	BDL	BDL	BDL
Benzo(a)pyrene	ppb	0.2	BDL	BDL	BDL	BDL
Benzo(b)fluoranthene	ppb	0.08	BDL	BDL	BDL	BDL
Benzo(g,h,i)Perylene	ppb	20	BDL	BDL	BDL	BDL
Benzo(k)fluoranthene	ppb	0.3	BDL	BDL	BDL	BDL
bis(2-Chloroethoxy) methane	ppb	5	BDL	BDL	BDL	BDL
bis(2-Chloroethyl) Ether	ppb	5	BDL	BDL	BDL	BDL
Bis(2-chloroisopropyl) ether	ppb	5	BDL	BDL	BDL	BDL
bis-(2-Ethylhexyl) phthalate	ppb	20	BDL	BDL	BDL	BDL

RL=Reporting Level BDL = Below Detection Level

Connecticut Testing Laboratories, Inc.
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Certification CT-PH0547 / MA-CT035

Date Samples Received: 03/20/2009

Client Name: GEI Consultants, Inc.	CTL Lab No.: 0309263
	PO No: S836-090500
Report Date: 04/01/2009	Analyst: SJF

RESULTS OF ANALYSIS

EPA Method 8270C SVOC GC/MS

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	3934	3935	3936	3937
Field ID:	TW-1	TW-2	TW-3	TW-4
Date Analyzed:	03/30/2009	03/30/2009	03/30/2009	03/30/2009
Date Extracted:	03/25/2009	03/25/2009	03/25/2009	03/25/2009

Parameters	Units	RL				
Butylbenzylphthalate	ppb	5	BDL	BDL	BDL	BDL
Carbazole	ppb	5	BDL	BDL	BDL	BDL
Chrysene	ppb	4	BDL	BDL	BDL	BDL
Dibenzo(a,h)Anthracene	ppb	1	BDL	BDL	BDL	BDL
Diethylphthalate	ppb	5	BDL	BDL	BDL	BDL
Dimethylphthalate	ppb	5	BDL	BDL	BDL	BDL
Di-n-Butylphthalate	ppb	5	BDL	BDL	BDL	BDL
Di-n-octylphthalate	ppb	5	BDL	BDL	BDL	BDL
Fluoranthene	ppb	5	BDL	BDL	BDL	BDL
Fluorene	ppb	5	BDL	BDL	BDL	BDL
Hexachlorobenzene	ppb	0.07	BDL	BDL	BDL	BDL
Hexachlorobutadiene	ppb	5	BDL	BDL	BDL	BDL
Hexachlorocyclopentadiene	ppb	5	BDL	BDL	BDL	BDL
Hexachloroethane	ppb	3	BDL	BDL	BDL	BDL
Indeno(1,2,3-cd)Pyrene	ppb	1	BDL	BDL	BDL	BDL
Isophorone	ppb	5	BDL	BDL	BDL	BDL
Naphthalene	ppb	5	BDL	BDL	BDL	BDL
Nitrobenzene	ppb	5	BDL	BDL	BDL	BDL
N-Nitrosodimethylamine	ppb	5	BDL	BDL	BDL	BDL
N-Nitroso-di-n-propylamine	ppb	5	BDL	BDL	BDL	BDL
N-Nitrosodiphenylamine	ppb	5	BDL	BDL	BDL	BDL
Pentachlorophenol	ppb	20	BDL	BDL	BDL	BDL
Phenanthrene	ppb	0.07	BDL	BDL	BDL	BDL
Phenol	ppb	20	BDL	BDL	BDL	BDL
Pyrene	ppb	5	BDL	BDL	BDL	BDL
2,4,6-Trichlorophenol	ppb	20	BDL	BDL	BDL	BDL
2-Fluorophenol	%	----	73	69	83	78
Phenol-d6	%	----	84	86	96	92
Nitrobenzene-d5	%	----	105	110	121	108
2-Fluorobiphenyl	%	----	94	97	98	98
2,4,6-Tribromophenol	%	----	107	130	116	106
p-Terphenyl-d14	%	----	103	103	100	104

RL=Reporting Level BDL = Below Detection Level

Connecticut Testing Laboratories, Inc.
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Certification CT-PH0547 / MA-CT035

Date Samples Received: 03/20/2009

Client Name: GEI Consultants, Inc.	CTL Lab No.: 0309263
	PO No: S836-090500
Report Date: 04/01/2009	Analyst: SJF

RESULTS OF ANALYSIS

EPA Method 8270C SVOC GC/MS

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	3938	3939	3940	3941
Field ID:	TW-5	TW-6	TW-7	MW-15
Date Analyzed:	03/31/2009	03/31/2009	03/31/2009	03/31/2009
Date Extracted:	03/25/2009	03/25/2009	03/25/2009	03/25/2009

Parameters	Units	RL				
1,2,4-Trichlorobenzene	ppb	5	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	ppb	5	BDL	BDL	BDL	BDL
1,2-Diphenylhydrazine	ppb	5	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	ppb	5	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	ppb	5	BDL	BDL	BDL	BDL
2,4-Dichlorophenol	ppb	20	BDL	BDL	BDL	BDL
2,4-Dimethylphenol	ppb	20	BDL	BDL	BDL	BDL
2,4-Dinitrophenol	ppb	20	BDL	BDL	BDL	BDL
2,4-Dinitrotoluene	ppb	5	BDL	BDL	BDL	BDL
2,6-Dinitrotoluene	ppb	5	BDL	BDL	BDL	BDL
2-Chloronaphthalene	ppb	5	BDL	BDL	BDL	BDL
2-Chlorophenol	ppb	20	BDL	BDL	BDL	BDL
2-Methylnaphthalene	ppb	5	BDL	BDL	BDL	BDL
2-Nitrophenol	ppb	20	BDL	BDL	BDL	BDL
3,3-Dichlorobenzidine	ppb	5	BDL	BDL	BDL	BDL
4,6-Dinitro-2-methylphenol	ppb	20	BDL	BDL	BDL	BDL
4-Bromophenyl-phenylether	ppb	5	BDL	BDL	BDL	BDL
4-Chloro-3-methylphenol	ppb	20	BDL	BDL	BDL	BDL
4-Chlorophenyl phenylether	ppb	5	BDL	BDL	BDL	BDL
4-Nitrophenol	ppb	20	BDL	BDL	BDL	BDL
Acenaphthene	ppb	0.3	BDL	BDL	BDL	BDL
Acenaphthylene	ppb	5	BDL	BDL	BDL	BDL
Acetophenone	ppb	5	BDL	BDL	BDL	BDL
Anthracene	ppb	5	BDL	BDL	BDL	BDL
Benzidine	ppb	5	BDL	BDL	BDL	BDL
Benzo(a)anthracene	ppb	0.06	BDL	BDL	BDL	BDL
Benzo(a)pyrene	ppb	0.2	BDL	BDL	BDL	BDL
Benzo(b)fluoranthene	ppb	0.08	BDL	BDL	BDL	BDL
Benzo(g,h,i)Perylene	ppb	20	BDL	BDL	BDL	BDL
Benzo(k)fluoranthene	ppb	0.3	BDL	BDL	BDL	BDL
bis(2-Chloroethoxy) methane	ppb	5	BDL	BDL	BDL	BDL
bis(2-Chloroethyl) Ether	ppb	5	BDL	BDL	BDL	BDL
Bis(2-chloroisopropyl) ether	ppb	5	BDL	BDL	BDL	BDL
bis-(2-Ethylhexyl) phthalate	ppb	20	BDL	BDL	BDL	BDL

RL=Reporting Level BDL = Below Detection Level

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Certification CT-PH0547 / MA-CT035

Date Samples Received: 03/20/2009

Client Name: GEI Consultants, Inc.	CTL Lab No.: 0309263
	PO No: S836-090500
Report Date: 04/01/2009	Analyst: SJF

RESULTS OF ANALYSIS

EPA Method 8270C SVOC GC/MS

Matrix Type:	WATER	WATER	WATER	WATER
CTL Sample No.:	3938	3939	3940	3941
Field ID:	TW-5	TW-6	TW-7	MW-15
Date Analyzed:	03/31/2009	03/31/2009	03/31/2009	03/31/2009
Date Extracted:	03/25/2009	03/25/2009	03/25/2009	03/25/2009

Parameters	Units	RL				
Butylbenzylphthalate	ppb	5	BDL	BDL	BDL	BDL
Carbazole	ppb	5	BDL	BDL	BDL	BDL
Chrysene	ppb	4	BDL	BDL	BDL	BDL
Dibenzo(a,h)Anthracene	ppb	1	BDL	BDL	BDL	BDL
Diethylphthalate	ppb	5	BDL	BDL	BDL	BDL
Dimethylphthalate	ppb	5	BDL	BDL	BDL	BDL
Di-n-Butylphthalate	ppb	5	BDL	BDL	BDL	BDL
Di-n-octylphthalate	ppb	5	BDL	BDL	BDL	BDL
Fluoranthene	ppb	5	BDL	BDL	BDL	BDL
Fluorene	ppb	5	BDL	BDL	BDL	BDL
Hexachlorobenzene	ppb	0.07	BDL	BDL	BDL	BDL
Hexachlorobutadiene	ppb	5	BDL	BDL	BDL	BDL
Hexachlorocyclopentadiene	ppb	5	BDL	BDL	BDL	BDL
Hexachloroethane	ppb	3	BDL	BDL	BDL	BDL
Indeno(1,2,3-cd)Pyrene	ppb	1	BDL	BDL	BDL	BDL
Isophorone	ppb	5	BDL	BDL	BDL	BDL
Naphthalene	ppb	5	BDL	BDL	BDL	BDL
Nitrobenzene	ppb	5	BDL	BDL	BDL	BDL
N-Nitrosodimethylamine	ppb	5	BDL	BDL	BDL	BDL
N-Nitroso-di-n-propylamine	ppb	5	BDL	BDL	BDL	BDL
N-Nitrosodiphenylamine	ppb	5	BDL	BDL	BDL	BDL
Pentachlorophenol	ppb	20	BDL	BDL	BDL	BDL
Phenanthrene	ppb	0.07	BDL	BDL	BDL	BDL
Phenol	ppb	20	BDL	BDL	BDL	BDL
Pyrene	ppb	5	BDL	BDL	BDL	BDL
2,4,6-Trichlorophenol	ppb	20	BDL	BDL	BDL	BDL
2-Fluorophenol	%	----	72	76	76	83
Phenol-d6	%	----	90	84	79	89
Nitrobenzene-d5	%	----	116	116	113	116
2-Fluorobiphenyl	%	----	99	98	97	98
2,4,6-Tribromophenol	%	----	119	119	113	117
p-Terphenyl-d14	%	----	103	104	100	100

RL=Reporting Level BDL = Below Detection Level

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547 / MA-CT035

Date Samples Received: 03/20/2009

Client Name: GEI Consultants, Inc.	CTL Lab No.: 0309263
	PO No: S836-090500
Report Date: 04/01/2009	Analyst: SJF

RESULTS OF ANALYSIS

EPA Method 8270C SVOC GC/MS

Matrix Type: WATER
CTL Sample No.: 3942
Field ID: Blank
Date Analyzed: 03/31/2009
Date Extracted: 03/25/2009

Parameters	Units	RL				
1,2,4-Trichlorobenzene	ppb	5	BDL	--	--	--
1,2-Dichlorobenzene	ppb	5	BDL	--	--	--
1,2-Diphenylhydrazine	ppb	5	BDL	--	--	--
1,3-Dichlorobenzene	ppb	5	BDL	--	--	--
1,4-Dichlorobenzene	ppb	5	BDL	--	--	--
2,4-Dichlorophenol	ppb	20	BDL	--	--	--
2,4-Dimethylphenol	ppb	20	BDL	--	--	--
2,4-Dinitrophenol	ppb	20	BDL	--	--	--
2,4-Dinitrotoluene	ppb	5	BDL	--	--	--
2,6-Dinitrotoluene	ppb	5	BDL	--	--	--
2-Chloronaphthalene	ppb	5	BDL	--	--	--
2-Chlorophenol	ppb	20	BDL	--	--	--
2-Methylnaphthalene	ppb	5	BDL	--	--	--
2-Nitrophenol	ppb	20	BDL	--	--	--
3,3-Dichlorobenzidine	ppb	5	BDL	--	--	--
4,6-Dinitro-2-methylphenol	ppb	20	BDL	--	--	--
4-Bromophenyl-phenylether	ppb	5	BDL	--	--	--
4-Chloro-3-methylphenol	ppb	20	BDL	--	--	--
4-Chlorophenyl phenylether	ppb	5	BDL	--	--	--
4-Nitrophenol	ppb	20	BDL	--	--	--
Acenaphthene	ppb	0.3	BDL	--	--	--
Acenaphthylene	ppb	5	BDL	--	--	--
Acetophenone	ppb	5	BDL	--	--	--
Anthracene	ppb	5	BDL	--	--	--
Benzidine	ppb	5	BDL	--	--	--
Benzo(a)anthracene	ppb	0.06	BDL	--	--	--
Benzo(a)pyrene	ppb	0.2	BDL	--	--	--
Benzo(b)fluoranthene	ppb	0.08	BDL	--	--	--
Benzo(g,h,i)Perylene	ppb	20	BDL	--	--	--
Benzo(k)fluoranthene	ppb	0.3	BDL	--	--	--
bis(2-Chloroethoxy) methane	ppb	5	BDL	--	--	--
bis(2-Chloroethyl) Ether	ppb	5	BDL	--	--	--
Bis(2-chloroisopropyl) ether	ppb	5	BDL	--	--	--
bis-(2-Ethylhexyl) phthalate	ppb	20	BDL	--	--	--

RL=Reporting Level BDL = Below Detection Level

Connecticut Testing Laboratories, Inc.
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Certification CT-PH0547 / MA-CT035

Date Samples Received: 03/20/2009

Client Name: GEI Consultants, Inc.	CTL Lab No.: 0309263
	PO No: S836-090500
Report Date: 04/01/2009	Analyst: SJF

RESULTS OF ANALYSIS

EPA Method 8270C SVOC GC/MS

Matrix Type: WATER
CTL Sample No.: 3942
Field ID: Blank
Date Analyzed: 03/31/2009
Date Extracted: 03/25/2009

Parameters	Units	RL				
Butylbenzylphthalate	ppb	5	BDL	--	--	--
Carbazole	ppb	5	BDL	--	--	--
Chrysene	ppb	4	BDL	--	--	--
Dibenzo(a,h)Anthracene	ppb	1	BDL	--	--	--
Diethylphthalate	ppb	5	BDL	--	--	--
Dimethylphthalate	ppb	5	BDL	--	--	--
Di-n-Butylphthalate	ppb	5	BDL	--	--	--
Di-n-octylphthalate	ppb	5	BDL	--	--	--
Fluoranthene	ppb	5	BDL	--	--	--
Fluorene	ppb	5	BDL	--	--	--
Hexachlorobenzene	ppb	0.07	BDL	--	--	--
Hexachlorobutadiene	ppb	5	BDL	--	--	--
Hexachlorocyclopentadiene	ppb	5	BDL	--	--	--
Hexachloroethane	ppb	3	BDL	--	--	--
Indeno(1,2,3-cd)Pyrene	ppb	1	BDL	--	--	--
Isophorone	ppb	5	BDL	--	--	--
Naphthalene	ppb	5	BDL	--	--	--
Nitrobenzene	ppb	5	BDL	--	--	--
N-Nitrosodimethylamine	ppb	5	BDL	--	--	--
N-Nitroso-di-n-propylamine	ppb	5	BDL	--	--	--
N-Nitrosodiphenylamine	ppb	5	BDL	--	--	--
Pentachlorophenol	ppb	20	BDL	--	--	--
Phenanthrene	ppb	0.07	BDL	--	--	--
Phenol	ppb	20	BDL	--	--	--
Pyrene	ppb	5	BDL	--	--	--
2,4,6-Trichlorophenol	ppb	20	BDL	--	--	--
2-Fluorophenol	%	----	79	--	--	--
Phenol-d6	%	----	82	--	--	--
Nitrobenzene-d5	%	----	105	--	--	--
2-Fluorobiphenyl	%	----	98	--	--	--
2,4,6-Tribromophenol	%	----	99	--	--	--
p-Terphenyl-d14	%	----	97	--	--	--

RL=Reporting Level BDL = Below Detection Level

Connecticut Testing Laboratories, Inc.
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Certification CT-PH0547 / MA-CT035

March 04, 2009

GEI Consultants Inc.
455 Winding Brook Drive, Suite 201
Glastonbury, CT 06033

Attn: Mr. Gary Iadarola

Please find attached laboratory report(s) for the samples submitted on:
February 20, 2009.

All pertinent information for this analysis is located on the report. Should it be necessary to contact us regarding billing or the test results, please have the following information readily available:

Lab No.	: 0209261
PO/Job No.	: S828 (090500)
Invoice No.	: 158280
Customer No.	: 121

Please contact us if you have any questions.

Very truly yours,

Stephen J. Franco
Laboratory Director
PH-0547

connecticut testing laboratories inc.
WATER ▪ SOIL ▪ AIR

STEPHEN J. FRANCO
Laboratory Director
PHONE ▪ 203/634-3731
www.ctl-web.com / ctestlab@erols.com
165 GRACEY AVENUE ▪ MERIDEN, CT ▪ 06451

GEI Consultants

LAB NUMBER : 0209261
JOB NUMBER : S828 (090500)
REPORT DATE : 03/02/09

DATE SAMPLES RECEIVED : 02/20/09
DATE SAMPLES ANALYZED: 02/25-02/27/09
ANALYST : MH, SP

MASS ANALYSIS by EPA 3050B

	MATRIX TYPE CTL SAMPLE No. FIELD ID		S 2588 GEI-MW-13	S 2589 SB-14		
PARAMETER	**UNITS**	**MDL**				
Arsenic	mg/kg	1.0	1.9	2.4		
Barium	mg/kg	5	37	39		
Cadmium	mg/kg	0.5	BDL	BDL		
Chromium, Total	mg/kg	0.5	6.5	12.2		
Lead	mg/kg	0.5	2.3	4.5		
Mercury	mg/kg	0.02	BDL	0.03		
Selenium	mg/kg	0.5	BDL	BDL		
Silver	mg/kg	0.2	BDL	BDL		

MDL=METHOD DETECTION LEVEL
BDL=BELOW DETECTION LEVEL

MATRIX TYPES:
W=WATER/AQUEOUS
S=SOIL/SOLID

Connecticut Testing Laboratories, Inc.
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Certification CT-PH0547 / MA-CT035

GEI Consultants

LAB NUMBER : 0209261
JOB NUMBER : S828 (090500)
REPORT DATE : 03/02/09

DATE SAMPLES RECEIVED : 02/20/09
DATE SAMPLES TESTED : 02/26/09
ANALYST : SP

RESULTS OF ANALYSIS

SPLP EPA 1312

Sample Matrix: S

Field ID	CTL #	MDL	LEAD - mg/L			
SB-2 (4-5)	2576	0.005	BDL			
SB-3 (2-3)	2577	0.005	BDL			
SB-4 (5.5-6)	2578	0.005	BDL			
SB-5 (3-4)	2579	0.005	BDL			
SB-6 (10.5-11)	2580	0.005	BDL			
SB-7 (10-11)	2581	0.005	BDL			

MDL=METHOD DETECTION LEVEL
BDL=BELOW DETECTION LEVEL

MATRIX TYPES:
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GEI Consultants

LAB NUMBER : 0209261
JOB NUMBER : S828 (090500)
REPORT DATE : 03/02/09

DATE SAMPLES RECEIVED : 02/20/09
DATE SAMPLES EXTRACTED : 02/26/09
DATE SAMPLES TESTED : 02/26/09
ANALYST : LP

RESULTS OF ANALYSIS

Sample Matrix: S

Field ID	CTL #	MDL	CT ETPH - mg/kg			
SB-1 (30")	2575	50	87			
SB-8 (11)	2582	50	BDL			
SB-9 (10-11)	2583	50	BDL			
SB-10 (9-10)	2584	50	BDL			
SB-101 (9-10)	2585	50	BDL			
SB-11 (3.5-4)	2586	50	BDL			
SB-12 (3-4)	2587	50	BDL			
GEI-MW-13	2588	50	BDL			
SB-14	2589	50	96			

MDL=METHOD DETECTION LEVEL
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GEI Consultants

LAB NUMBER : 0209261
JOB NUMBER : S828 (090500)
REPORT DATE : 03/02/09

DATE SAMPLES RECEIVED : 02/20/09
DATE SAMPLES EXTRACTED: 02/24/09
DATE SAMPLES ANALYZED: 02/26/09
ANALYST : SE

EPA Method 8082

	MATRIX TYPE CTL SAMPLE No. FIELD ID		S 2582 SB-8 (11)	S 2583 SB-9 (10-11)		
PARAMETER	**UNITS**	**MDL**				
PCB, Total	mg/kg	1	BDL	BDL		

MDL=METHOD DETECTION LEVEL
BDL=BELOW DETECTION LEVEL

MATRIX TYPES:
W=WATER/AQUEOUS
S=SOIL/SOLID

Connecticut Testing Laboratories, Inc.
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GEI Consultants

LAB NUMBER : 0209261
JOB NUMBER : S828 (090500)
REPORT DATE : 03/02/09

DATE SAMPLES RECEIVED : 02/20/09
DATE SAMPLES EXTRACTED: 02/24/09
DATE SAMPLES ANALYZED: 02/26/09
ANALYST : SM, SE

EPA METHOD 608/8081A

	MATRIX TYPE CTL SAMPLE NO. FIELD ID		S 2590 SS-1	S 2591 SS-2	S 2592 SS-3	
PARAMETER	**UNITS**	**MDL**				
Aldrin	ug/kg	25	BDL	BDL	BDL	
a-BHC	ug/kg	50	BDL	BDL	BDL	
b-BHC	ug/kg	50	BDL	BDL	BDL	
d-BHC	ug/kg	50	BDL	BDL	BDL	
Lindane	ug/kg	20	BDL	BDL	BDL	
Chlordane	ug/kg	50	BDL	BDL	BDL	
4,4'-DDD	ug/kg	50	BDL	BDL	BDL	
4,4'-DDE	ug/kg	50	BDL	BDL	BDL	
4,4'-DDT	ug/kg	50	BDL	BDL	**113**	
Dieldrin	ug/kg	5	**10**	BDL	**19**	
Endosulfan I	ug/kg	100	BDL	BDL	BDL	
Endosulfan II	ug/kg	100	BDL	BDL	BDL	
Endosulfan Sulfate	ug/kg	100	BDL	BDL	BDL	
Endrin	ug/kg	50	BDL	BDL	BDL	
Endrin Aldehyde	ug/kg	50	BDL	BDL	BDL	
Heptachlor	ug/kg	10	BDL	BDL	BDL	
Heptachlor Epoxide	ug/kg	20	BDL	BDL	BDL	
Methoxychlor	ug/kg	50	BDL	BDL	BDL	
Toxaphene	ug/kg	500	BDL	BDL	BDL	

MDL=METHOD DETECTION LEVEL
BDL=BELOW DETECTION LEVEL

MATRIX TYPES
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S=SOIL/SOLID

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GEI Consultants

LAB NUMBER : 0209261
JOB NUMBER : S828 (090500)
REPORT DATE : 03/02/09

DATE SAMPLES RECEIVED : 02/20/09
DATE SAMPLES EXTRACTED: 02/24/09
DATE SAMPLES ANALYZED: 02/26/09
ANALYST : SM

EPA METHOD 8151A

	MATRIX TYPE CTL SAMPLE No. FIELD ID		S 2590 SS-1	S 2591 SS-2	S 2592 SS-3	
PARAMETER	**UNITS**	**MDL**				
2,4-D	ug/kg	50	BDL	BDL	BDL	
2,4-DB	ug/kg	50	BDL	BDL	BDL	
2,4,5-T	ug/kg	50	BDL	BDL	BDL	
2,4,5-TP	ug/kg	50	BDL	BDL	BDL	
Dalapon	ug/kg	50	BDL	BDL	BDL	
Dicamba	ug/kg	50	BDL	BDL	BDL	
Dichloroprop	ug/kg	50	BDL	BDL	BDL	
Dinoseb	ug/kg	50	BDL	BDL	BDL	
MCPP	ug/kg	2000	BDL	BDL	BDL	
MCPA	ug/kg	2000	BDL	BDL	BDL	

MDL=METHOD DETECTION LEVEL
BDL=BELOW DETECTION LEVEL

MATRIX TYPES:
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GEI Consultants

LAB NUMBER : 0209261
JOB NUMBER : S828 (090500)
REPORT DATE : 03/02/09

DATE SAMPLES RECEIVED : 02/20/09
DATE SAMPLES EXTRACTED : 02/19-02/20/09
DATE SAMPLES ANALYZED : 02/23/09
EPA 5035 PRESERVATION : Sodium Bisulfate
ANALYST : YK

EPA METHOD 5035/8260B GC/MS

MATRIX TYPE: CTL SAMPLE NO.: FIELD ID:			S 2575 SB-1 (30")	S 2576 SB-2 (4-5)	S 2577 SB-3 (2-3)	S 2578 SB-4 (5.5-6)
PARAMETER	**UNITS**	**MDL**				
Dichlorodifluoromethane	µg/kg	10	BDL	BDL	BDL	BDL
Chloromethane	µg/kg	10	BDL	BDL	BDL	BDL
Vinyl chloride	µg/kg	10	BDL	BDL	BDL	BDL
Chloroethane	µg/kg	10	BDL	BDL	BDL	BDL
Bromomethane	µg/kg	10	BDL	BDL	BDL	BDL
Trichlorofluoromethane	µg/kg	10	BDL	BDL	BDL	BDL
1,1-Dichloroethylene	µg/kg	10	BDL	BDL	BDL	BDL
Methylene chloride	µg/kg	10	BDL	BDL	BDL	BDL
t-1,2-Dichloroethylene	µg/kg	10	BDL	BDL	BDL	BDL
1,1-Dichloroethane	µg/kg	10	BDL	BDL	BDL	BDL
2,2-Dichloropropane	µg/kg	10	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	µg/kg	10	BDL	BDL	BDL	BDL
Chloroform	µg/kg	10	BDL	BDL	BDL	BDL
Bromochloromethane	µg/kg	10	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	µg/kg	10	BDL	BDL	BDL	BDL
1,1-Dichloropropylene	µg/kg	10	BDL	BDL	BDL	BDL
Carbon tetrachloride	µg/kg	10	BDL	BDL	BDL	BDL
Benzene	µg/kg	10	BDL	BDL	BDL	BDL
1,2-Dichloroethane	µg/kg	10	BDL	BDL	BDL	BDL
Trichloroethylene	µg/kg	10	BDL	BDL	BDL	BDL
1,2-Dichloropropane	µg/kg	10	BDL	BDL	BDL	BDL
Bromodichloromethane	µg/kg	10	BDL	BDL	BDL	BDL
Dibromomethane	µg/kg	10	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropylene	µg/kg	10	BDL	BDL	BDL	BDL
Toluene	µg/kg	10	BDL	BDL	BDL	BDL
t-1,3-Dichloropropylene	µg/kg	10	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	µg/kg	10	BDL	BDL	BDL	BDL
Tetrachloroethylene	µg/kg	10	BDL	BDL	BDL	BDL
1,3-Dichloropropane	µg/kg	10	BDL	BDL	BDL	BDL
Dibromochloromethane	µg/kg	10	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	µg/kg	10	BDL	BDL	BDL	BDL
Chlorobenzene	µg/kg	10	BDL	BDL	BDL	BDL
Ethylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	µg/kg	10	BDL	BDL	BDL	BDL
p/m-Xylene	µg/kg	10	BDL	BDL	BDL	BDL
o-Xylene	µg/kg	10	BDL	BDL	BDL	BDL

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GEI Consultants

LAB NUMBER : 0209261
JOB NUMBER : S828 (090500)
REPORT DATE : 03/02/09

DATE SAMPLES RECEIVED : 02/20/09
DATE SAMPLES EXTRACTED : 02/19-02/20/09
DATE SAMPLES ANALYZED : 02/23/09
EPA 5035 PRESERVATION : Sodium Bisulfate
ANALYST : YK

EPA METHOD 5035/8260B GC/MS

MATRIX TYPE: / CTL SAMPLE NO.: / FIELD ID:			S 2575 SB-1 (30")	S 2576 SB-2 (4-5)	S 2577 SB-3 (2-3)	S 2578 SB-4 (5.5-6)
PARAMETER	**UNITS**	**MDL**				
Styrene	µg/kg	10	BDL	BDL	BDL	BDL
Bromoform	µg/kg	10	BDL	BDL	BDL	BDL
Isopropylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	µg/kg	10	BDL	BDL	BDL	BDL
Bromobenzene	µg/kg	10	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	µg/kg	10	BDL	BDL	BDL	BDL
n-Propylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
2-Chlorotoluene	µg/kg	10	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
4-Chlorotoluene	µg/kg	10	BDL	BDL	BDL	BDL
tert-Butylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
sec-Butylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
p-Isopropyltoluene	µg/kg	10	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	µg/kg	10	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	µg/kg	10	BDL	BDL	BDL	BDL
n-Butylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	µg/kg	10	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane	µg/kg	10	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	µg/kg	10	BDL	BDL	BDL	BDL
Hexachlorobutadiene	µg/kg	50	BDL	BDL	BDL	BDL
Naphthalene	µg/kg	50	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	µg/kg	10	BDL	BDL	BDL	BDL
Methyl ethyl ketone	µg/kg	50	BDL	BDL	BDL	BDL
Methyl butyl ketone	µg/kg	50	BDL	BDL	BDL	BDL
Methyl isobutyl ketone	µg/kg	50	BDL	BDL	BDL	BDL
MTBE	µg/kg	10	BDL	BDL	BDL	BDL
1,2-Dichloroethane-d4 (SR)	%	----	96	97	99	97
Toluene-d8 (SR)	%	----	94	92	93	90
p-Bromofluorobenzene (SR)	%	----	97	99	95	98

MDL=METHOD DETECTION LEVEL
BDL=BELOW DETECTION LEVEL
SR=SURROGATE RECOVERY

MATRIX TYPES:
W=WATER/AQUEOUS
S=SOIL/SOLID

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GEI Consultants

LAB NUMBER : 0209261
JOB NUMBER : S828 (090500)
REPORT DATE : 03/02/09

DATE SAMPLES RECEIVED : 02/20/09
DATE SAMPLES EXTRACTED : 02/19-02/20/09
DATE SAMPLES ANALYZED : 02/23/09
EPA 5035 PRESERVATION : Sodium Bisulfate
ANALYST : YK

EPA METHOD 5035/8260B GC/MS

MATRIX TYPE: CTL SAMPLE NO.: FIELD ID:			S 2579 SB-5 (3-4)	S 2580 SB-6 (10.5-11)	S 2581 SB-7 (10-11)	S 2584 SB-10 (9-10)
PARAMETER	**UNITS**	**MDL**				
Dichlorodifluoromethane	µg/kg	10	BDL	BDL	BDL	BDL
Chloromethane	µg/kg	10	BDL	BDL	BDL	BDL
Vinyl chloride	µg/kg	10	BDL	BDL	BDL	BDL
Chloroethane	µg/kg	10	BDL	BDL	BDL	BDL
Bromomethane	µg/kg	10	BDL	BDL	BDL	BDL
Trichlorofluoromethane	µg/kg	10	BDL	BDL	BDL	BDL
1,1-Dichloroethylene	µg/kg	10	BDL	BDL	BDL	BDL
Methylene chloride	µg/kg	10	BDL	BDL	BDL	BDL
t-1,2-Dichloroethylene	µg/kg	10	BDL	BDL	BDL	BDL
1,1-Dichloroethane	µg/kg	10	BDL	BDL	BDL	BDL
2,2-Dichloropropane	µg/kg	10	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	µg/kg	10	BDL	BDL	BDL	BDL
Chloroform	µg/kg	10	BDL	BDL	BDL	BDL
Bromochloromethane	µg/kg	10	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	µg/kg	10	BDL	BDL	BDL	BDL
1,1-Dichloropropylene	µg/kg	10	BDL	BDL	BDL	BDL
Carbon tetrachloride	µg/kg	10	BDL	BDL	BDL	BDL
Benzene	µg/kg	10	BDL	BDL	BDL	BDL
1,2-Dichloroethane	µg/kg	10	BDL	BDL	BDL	BDL
Trichloroethylene	µg/kg	10	BDL	BDL	BDL	BDL
1,2-Dichloropropane	µg/kg	10	BDL	BDL	BDL	BDL
Bromodichloromethane	µg/kg	10	BDL	BDL	BDL	BDL
Dibromomethane	µg/kg	10	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropylene	µg/kg	10	BDL	BDL	BDL	BDL
Toluene	µg/kg	10	BDL	BDL	BDL	BDL
t-1,3-Dichloropropylene	µg/kg	10	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	µg/kg	10	BDL	BDL	BDL	BDL
Tetrachloroethylene	µg/kg	10	BDL	BDL	BDL	BDL
1,3-Dichloropropane	µg/kg	10	BDL	BDL	BDL	BDL
Dibromochloromethane	µg/kg	10	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	µg/kg	10	BDL	BDL	BDL	BDL
Chlorobenzene	µg/kg	10	BDL	BDL	BDL	BDL
Ethylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	µg/kg	10	BDL	BDL	BDL	BDL
p/m-Xylene	µg/kg	10	BDL	BDL	BDL	BDL
o-Xylene	µg/kg	10	BDL	BDL	BDL	BDL

GEI Consultants

LAB NUMBER : 0209261
JOB NUMBER : S828 (090500)
REPORT DATE : 03/02/09

DATE SAMPLES RECEIVED : 02/20/09
DATE SAMPLES EXTRACTED : 02/19-02/20/09
DATE SAMPLES ANALYZED : 02/23/09
EPA 5035 PRESERVATION : Sodium Bisulfate
ANALYST : YK

EPA METHOD 5035/8260B GC/MS

MATRIX TYPE: CTL SAMPLE NO.: FIELD ID:			S 2579 SB-5 (3-4)	S 2580 SB-6 (10.5-11)	S 2581 SB-7 (10-11)	S 2584 SB-10 (9-10)
PARAMETER	**UNITS**	**MDL**				
Styrene	µg/kg	10	BDL	BDL	BDL	BDL
Bromoform	µg/kg	10	BDL	BDL	BDL	BDL
Isopropylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	µg/kg	10	BDL	BDL	BDL	BDL
Bromobenzene	µg/kg	10	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	µg/kg	10	BDL	BDL	BDL	BDL
n-Propylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
2-Chlorotoluene	µg/kg	10	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
4-Chlorotoluene	µg/kg	10	BDL	BDL	BDL	BDL
tert-Butylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
sec-Butylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
p-Isopropyltoluene	µg/kg	10	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	µg/kg	10	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	µg/kg	10	BDL	BDL	BDL	BDL
n-Butylbenzene	µg/kg	10	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	µg/kg	10	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane	µg/kg	10	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	µg/kg	10	BDL	BDL	BDL	BDL
Hexachlorobutadiene	µg/kg	50	BDL	BDL	BDL	BDL
Naphthalene	µg/kg	50	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	µg/kg	10	BDL	BDL	BDL	BDL
Methyl ethyl ketone	µg/kg	50	BDL	BDL	BDL	BDL
Methyl butyl ketone	µg/kg	50	BDL	BDL	BDL	BDL
Methyl isobutyl ketone	µg/kg	50	BDL	BDL	BDL	BDL
MTBE	µg/kg	10	BDL	BDL	BDL	BDL
1,2-Dichloroethane-d4 (SR)	%	----	98	98	102	92
Toluene-d8 (SR)	%	----	93	90	91	93
p-Bromofluorobenzene (SR)	%	----	99	99	100	98

MDL=METHOD DETECTION LEVEL
BDL=BELOW DETECTION LEVEL
SR=SURROGATE RECOVERY

MATRIX TYPES:
W=WATER/AQUEOUS
S=SOIL/SOLID

Connecticut Testing Laboratories, Inc.
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Certification CT-PH0547 / MA-CT035

GEI Consultants

LAB NUMBER : 0209261
JOB NUMBER : S828 (090500)
REPORT DATE : 03/02/09

DATE SAMPLES RECEIVED : 02/20/09
DATE SAMPLES EXTRACTED : 02/19-02/20/09
DATE SAMPLES ANALYZED : 02/23/09
EPA 5035 PRESERVATION : Sodium Bisulfate
ANALYST : YK

EPA METHOD 5035/8260B GC/MS

MATRIX TYPE: CTL SAMPLE NO.: FIELD ID:			S 2585 SB-101 (9-10)	S 2588 GEI-MW-13	S 2589 SB-14	
PARAMETER	**UNITS**	**MDL**				
Dichlorodifluoromethane	µg/kg	10	BDL	BDL	BDL	
Chloromethane	µg/kg	10	BDL	BDL	BDL	
Vinyl chloride	µg/kg	10	BDL	BDL	BDL	
Chloroethane	µg/kg	10	BDL	BDL	BDL	
Bromomethane	µg/kg	10	BDL	BDL	BDL	
Trichlorofluoromethane	µg/kg	10	BDL	BDL	BDL	
1,1-Dichloroethylene	µg/kg	10	BDL	BDL	BDL	
Methylene chloride	µg/kg	10	BDL	BDL	BDL	
t-1,2-Dichloroethylene	µg/kg	10	BDL	BDL	BDL	
1,1-Dichloroethane	µg/kg	10	BDL	BDL	BDL	
2,2-Dichloropropane	µg/kg	10	BDL	BDL	BDL	
cis-1,2-Dichloroethylene	µg/kg	10	BDL	BDL	BDL	
Chloroform	µg/kg	10	BDL	BDL	BDL	
Bromochloromethane	µg/kg	10	BDL	BDL	BDL	
1,1,1-Trichloroethane	µg/kg	10	BDL	BDL	BDL	
1,1-Dichloropropylene	µg/kg	10	BDL	BDL	BDL	
Carbon tetrachloride	µg/kg	10	BDL	BDL	BDL	
Benzene	µg/kg	10	BDL	BDL	BDL	
1,2-Dichloroethane	µg/kg	10	BDL	BDL	BDL	
Trichloroethylene	µg/kg	10	BDL	BDL	BDL	
1,2-Dichloropropane	µg/kg	10	BDL	BDL	BDL	
Bromodichloromethane	µg/kg	10	BDL	BDL	BDL	
Dibromomethane	µg/kg	10	BDL	BDL	BDL	
cis-1,3-Dichloropropylene	µg/kg	10	BDL	BDL	BDL	
Toluene	µg/kg	10	BDL	BDL	BDL	
t-1,3-Dichloropropylene	µg/kg	10	BDL	BDL	BDL	
1,1,2-Trichloroethane	µg/kg	10	BDL	BDL	BDL	
Tetrachloroethylene	µg/kg	10	BDL	BDL	BDL	
1,3-Dichloropropane	µg/kg	10	BDL	BDL	BDL	
Dibromochloromethane	µg/kg	10	BDL	BDL	BDL	
1,2-Dibromoethane (EDB)	µg/kg	10	BDL	BDL	BDL	
Chlorobenzene	µg/kg	10	BDL	BDL	BDL	
Ethylbenzene	µg/kg	10	BDL	BDL	BDL	
1,1,1,2-Tetrachloroethane	µg/kg	10	BDL	BDL	BDL	
p/m-Xylene	µg/kg	10	BDL	BDL	BDL	
o-Xylene	µg/kg	10	BDL	BDL	BDL	

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EPA 5035 PRESERVATION : Sodium Bisulfate
ANALYST : YK

EPA METHOD 5035/8260B GC/MS

MATRIX TYPE: CTL SAMPLE NO.: FIELD ID:			S 2585 SB-101 (9-10)	S 2588 GEI-MW-13	S 2589 SB-14	
PARAMETER	**UNITS**	**MDL**				
Styrene	µg/kg	10	BDL	BDL	BDL	
Bromoform	µg/kg	10	BDL	BDL	BDL	
Isopropylbenzene	µg/kg	10	BDL	BDL	BDL	
1,1,2,2-Tetrachloroethane	µg/kg	10	BDL	BDL	BDL	
Bromobenzene	µg/kg	10	BDL	BDL	BDL	
1,2,3-Trichloropropane	µg/kg	10	BDL	BDL	BDL	
n-Propylbenzene	µg/kg	10	BDL	BDL	BDL	
2-Chlorotoluene	µg/kg	10	BDL	BDL	BDL	
1,3,5-Trimethylbenzene	µg/kg	10	BDL	BDL	BDL	
4-Chlorotoluene	µg/kg	10	BDL	BDL	BDL	
tert-Butylbenzene	µg/kg	10	BDL	BDL	BDL	
1,2,4-Trimethylbenzene	µg/kg	10	BDL	BDL	BDL	
sec-Butylbenzene	µg/kg	10	BDL	BDL	BDL	
p-Isopropyltoluene	µg/kg	10	BDL	BDL	BDL	
1,3-Dichlorobenzene	µg/kg	10	BDL	BDL	BDL	
1,4-Dichlorobenzene	µg/kg	10	BDL	BDL	BDL	
n-Butylbenzene	µg/kg	10	BDL	BDL	BDL	
1,2-Dichlorobenzene	µg/kg	10	BDL	BDL	BDL	
1,2-Dibromo-3-chloropropane	µg/kg	10	BDL	BDL	BDL	
1,2,4-Trichlorobenzene	µg/kg	10	BDL	BDL	BDL	
Hexachlorobutadiene	µg/kg	50	BDL	BDL	BDL	
Naphthalene	µg/kg	50	BDL	BDL	BDL	
1,2,3-Trichlorobenzene	µg/kg	10	BDL	BDL	BDL	
Methyl ethyl ketone	µg/kg	50	BDL	BDL	BDL	
Methyl butyl ketone	µg/kg	50	BDL	BDL	BDL	
Methyl isobutyl ketone	µg/kg	50	BDL	BDL	BDL	
MTBE	µg/kg	10	BDL	BDL	BDL	
1,2-Dichloroethane-d4 (SR)	%	----	95	91	94	
Toluene-d8 (SR)	%	----	91	89	93	
p-Bromofluorobenzene (SR)	%	----	100	100	112	

MDL=METHOD DETECTION LEVEL
BDL=BELOW DETECTION LEVEL
SR=SURROGATE RECOVERY

MATRIX TYPES:
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S=SOIL/SOLID

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REPORT DATE : 03/02/09

DATE SAMPLES RECEIVED : 02/20/09
DATE SAMPLES EXTRACTED : 02/25/09
DATE SAMPLES ANALYZED : 02/26/09
ANALYST : KM

EPA Method 8270 Modified

MATRIX TYPE CTL SAMPLE NO. FIELD ID			S 2575 SB-1 (30")	S 2582 SB-8 (11)	S 2583 SB-9 (10-11)	S 2584 SB-10 (9-10)
PARAMETER	**UNITS**	**MDL**				
Acenaphthene	ug/kg	100	**368.0**	BDL	**209.0**	BDL
Acenaphthylene	ug/kg	100	BDL	BDL	BDL	BDL
Anthracene	ug/kg	100	**435.0**	BDL	**262.0**	BDL
Benzidine	ug/kg	100	BDL	BDL	BDL	BDL
Benzo(a)anthracene	ug/kg	100	**896.0**	BDL	**470.0**	BDL
Benzo(b)fluoranthene	ug/kg	100	**950.0**	BDL	**193.0**	BDL
Benzo(k)fluoranthene	ug/kg	100	**844.0**	BDL	**286.0**	BDL
Bis(2-chloroethyl) ether	ug/kg	100	BDL	BDL	BDL	BDL
Benzo(g,h,i)perylene	ug/kg	500	**556.0**	BDL	BDL	BDL
Bis(2-chloroisopropyl) ether	ug/kg	100	BDL	BDL	BDL	BDL
Benzo(a)pyrene	ug/kg	100	**869.0**	BDL	**355.0**	BDL
Bis-(2-ethylhexyl) phthalate	ug/kg	500	BDL	BDL	BDL	BDL
4-Bromophenylphenylether	ug/kg	100	BDL	BDL	BDL	BDL
bis(2-Chloroethoxy) methane	ug/kg	100	BDL	BDL	BDL	BDL
Butylbenzyl phthalate	ug/kg	100	BDL	BDL	BDL	BDL
Carbazole	ug/kg	100	**319.0**	BDL	**125.0**	BDL
2-Chloronaphthalene	ug/kg	100	BDL	BDL	BDL	BDL
4-Chlorophenyl phenyl ether	ug/kg	100	BDL	BDL	BDL	BDL
Chrysene	ug/kg	100	**911.0**	BDL	**406.0**	BDL
Dibenzo(a,h) anthracene	ug/kg	500	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	ug/kg	100	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	ug/kg	100	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	ug/kg	100	BDL	BDL	BDL	BDL
3,3-Dichlorobenzidine	ug/kg	100	BDL	BDL	BDL	BDL
Diethyl phthalate	ug/kg	100	BDL	BDL	BDL	BDL
Dimethyl phthalate	ug/kg	100	BDL	BDL	BDL	BDL
Di-n-Butyl phthalate	ug/kg	100	BDL	BDL	BDL	BDL
2,4-Dinitrotoluene	ug/kg	100	BDL	BDL	BDL	BDL
2,6-Dinitrotoluene	ug/kg	100	BDL	BDL	BDL	BDL
Di-n-octyl phthalate	ug/kg	100	BDL	BDL	BDL	BDL
1,2-Diphenylhydrazine	ug/kg	100	BDL	BDL	BDL	BDL
Fluoranthene	ug/kg	100	**2,790.0**	BDL	**1,130.0**	BDL
Fluorene	ug/kg	100	**229.0**	BDL	**128.0**	BDL
Hexachlorobenzene	ug/kg	100	BDL	BDL	BDL	BDL

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EPA Method 8270 Modified

MATRIX TYPE CTL SAMPLE NO. FIELD ID			S 2575 SB-1 (30")	S 2582 SB-8 (11)	S 2583 SB-9 (10-11)	S 2584 SB-10 (9-10)
PARAMETER	**UNITS**	**MDL**				
Hexachlorobutadiene	ug/kg	100	BDL	BDL	BDL	BDL
Hexachlorocyclopentadiene	ug/kg	100	BDL	BDL	BDL	BDL
Hexachloroethane	ug/kg	100	BDL	BDL	BDL	BDL
Indeno(1,2,3-cd) pyrene	ug/kg	500	BDL	BDL	BDL	BDL
Isophorone	ug/kg	100	BDL	BDL	BDL	BDL
2-Methylnaphthalene	ug/kg	100	BDL	BDL	BDL	BDL
Naphthalene	ug/kg	100	**151.0**	BDL	**124.0**	BDL
Nitrobenzene	ug/kg	100	BDL	BDL	BDL	BDL
N-Nitrosodimethylamine	ug/kg	100	BDL	BDL	BDL	BDL
N-Nitroso-di-n-propylamine	ug/kg	100	BDL	BDL	BDL	BDL
N-Nitrosodiphenylamine	ug/kg	100	BDL	BDL	BDL	BDL
Phenanthrene	ug/kg	100	**1,830.0**	BDL	**921.0**	BDL
Pyrene	ug/kg	100	**2,120.0**	BDL	**938.0**	BDL
1,2,4-Trichlorobenzene	ug/kg	100	BDL	BDL	BDL	BDL
2-Chlorophenol	ug/kg	500	BDL	BDL	BDL	BDL
2,4-Dichlorophenol	ug/kg	500	BDL	BDL	BDL	BDL
2,4-Dimethylphenol	ug/kg	500	BDL	BDL	BDL	BDL
4,6-Dinitro-2-methylphenol	ug/kg	500	BDL	BDL	BDL	BDL
2,4-Dinitrophenol	ug/kg	500	BDL	BDL	BDL	BDL
2-Nitrophenol	ug/kg	500	BDL	BDL	BDL	BDL
4-Nitrophenol	ug/kg	500	BDL	BDL	BDL	BDL
4-Chloro-3-methylphenol	ug/kg	500	BDL	BDL	BDL	BDL
Pentachlorophenol	ug/kg	500	BDL	BDL	BDL	BDL
Phenol	ug/kg	500	BDL	BDL	BDL	BDL
2,4,6-Trichlorophenol	ug/kg	500	BDL	BDL	BDL	BDL
Phenol-d6 (SR)	%	----	105	100	101	105
Nitrobenzene-d5 (SR)	%	----	94	106	104	107
2-Fluorobiphenyl (SR)	%	----	99	99	101	104
2,4,6-Tribromophenol (SR)	%	----	92	95	92	96
p-Terphenyl-d14 (SR)	%	----	108	98	104	95

MDL=METHOD DETECTION LEVEL
BDL=BELOW DETECTION LEVEL
SR=SURROGATE RECOVERY

MATRIX TYPES
W=WATER/AQUEOUS
S=SOIL/SOLID

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EPA Method 8270 Modified

MATRIX TYPE CTL SAMPLE NO. FIELD ID			S 2585 SB-101 (9-10)	S 2586 SB-11 (3.5-4)	S 2587 SB-12 (3-4)	S 2588 GEI-MW-13
PARAMETER	**UNITS**	**MDL**				
Acenaphthene	ug/kg	100	BDL	BDL	BDL	BDL
Acenaphthylene	ug/kg	100	BDL	BDL	BDL	BDL
Anthracene	ug/kg	100	BDL	BDL	BDL	BDL
Benzidine	ug/kg	100	BDL	BDL	BDL	BDL
Benzo(a)anthracene	ug/kg	100	BDL	**130.0**	BDL	BDL
Benzo(b)fluoranthene	ug/kg	100	BDL	BDL	BDL	BDL
Benzo(k)fluoranthene	ug/kg	100	BDL	BDL	BDL	BDL
Bis(2-chloroethyl) ether	ug/kg	100	BDL	BDL	BDL	BDL
Benzo(g,h,i)perylene	ug/kg	500	BDL	BDL	BDL	BDL
Bis(2-chloroisopropyl) ether	ug/kg	100	BDL	BDL	BDL	BDL
Benzo(a)pyrene	ug/kg	100	BDL	**144.0**	BDL	BDL
Bis-(2-ethylhexyl) phthalate	ug/kg	500	BDL	BDL	BDL	BDL
4-Bromophenylphenylether	ug/kg	100	BDL	BDL	BDL	BDL
bis(2-Chloroethoxy) methane	ug/kg	100	BDL	BDL	BDL	BDL
Butylbenzyl phthalate	ug/kg	100	BDL	BDL	BDL	BDL
Carbazole	ug/kg	100	BDL	BDL	BDL	BDL
2-Chloronaphthalene	ug/kg	100	BDL	BDL	BDL	BDL
4-Chlorophenyl phenyl ether	ug/kg	100	BDL	BDL	BDL	BDL
Chrysene	ug/kg	100	BDL	**118.0**	BDL	BDL
Dibenzo(a,h) anthracene	ug/kg	500	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	ug/kg	100	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	ug/kg	100	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	ug/kg	100	BDL	BDL	BDL	BDL
3,3-Dichlorobenzidine	ug/kg	100	BDL	BDL	BDL	BDL
Diethyl phthalate	ug/kg	100	BDL	BDL	BDL	BDL
Dimethyl phthalate	ug/kg	100	BDL	BDL	BDL	BDL
Di-n-Butyl phthalate	ug/kg	100	BDL	BDL	BDL	BDL
2,4-Dinitrotoluene	ug/kg	100	BDL	BDL	BDL	BDL
2,6-Dinitrotoluene	ug/kg	100	BDL	BDL	BDL	BDL
Di-n-octyl phthalate	ug/kg	100	BDL	BDL	BDL	BDL
1,2-Diphenylhydrazine	ug/kg	100	BDL	BDL	BDL	BDL
Fluoranthene	ug/kg	100	BDL	**207.0**	BDL	BDL
Fluorene	ug/kg	100	BDL	BDL	BDL	BDL
Hexachlorobenzene	ug/kg	100	BDL	BDL	BDL	BDL

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EPA Method 8270 Modified

MATRIX TYPE CTL SAMPLE NO. FIELD ID			S 2585 SB-101 (9-10)	S 2586 SB-11 (3.5-4)	S 2587 SB-12 (3-4)	S 2588 GEI-MW-13
PARAMETER	**UNITS**	**MDL**				
Hexachlorobutadiene	ug/kg	100	BDL	BDL	BDL	BDL
Hexachlorocyclopentadiene	ug/kg	100	BDL	BDL	BDL	BDL
Hexachloroethane	ug/kg	100	BDL	BDL	BDL	BDL
Indeno(1,2,3-cd) pyrene	ug/kg	500	BDL	BDL	BDL	BDL
Isophorone	ug/kg	100	BDL	BDL	BDL	BDL
2-Methylnaphthalene	ug/kg	100	BDL	BDL	BDL	BDL
Naphthalene	ug/kg	100	BDL	BDL	BDL	BDL
Nitrobenzene	ug/kg	100	BDL	BDL	BDL	BDL
N-Nitrosodimethylamine	ug/kg	100	BDL	BDL	BDL	BDL
N-Nitroso-di-n-propylamine	ug/kg	100	BDL	BDL	BDL	BDL
N-Nitrosodiphenylamine	ug/kg	100	BDL	BDL	BDL	BDL
Phenanthrene	ug/kg	100	BDL	BDL	BDL	BDL
Pyrene	ug/kg	100	BDL	**193.0**	BDL	BDL
1,2,4-Trichlorobenzene	ug/kg	100	BDL	BDL	BDL	BDL
2-Chlorophenol	ug/kg	500	BDL	BDL	BDL	BDL
2,4-Dichlorophenol	ug/kg	500	BDL	BDL	BDL	BDL
2,4-Dimethylphenol	ug/kg	500	BDL	BDL	BDL	BDL
4,6-Dinitro-2-methylphenol	ug/kg	500	BDL	BDL	BDL	BDL
2,4-Dinitrophenol	ug/kg	500	BDL	BDL	BDL	BDL
2-Nitrophenol	ug/kg	500	BDL	BDL	BDL	BDL
4-Nitrophenol	ug/kg	500	BDL	BDL	BDL	BDL
4-Chloro-3-methylphenol	ug/kg	500	BDL	BDL	BDL	BDL
Pentachlorophenol	ug/kg	500	BDL	BDL	BDL	BDL
Phenol	ug/kg	500	BDL	BDL	BDL	BDL
2,4,6-Trichlorophenol	ug/kg	500	BDL	BDL	BDL	BDL
Phenol-d6 (SR)	%	----	103	100	106	106
Nitrobenzene-d5 (SR)	%	----	108	105	104	106
2-Fluorobiphenyl (SR)	%	----	100	101	104	103
2,4,6-Tribromophenol (SR)	%	----	94	91	92	100
p-Terphenyl-d14 (SR)	%	----	93	94	94	96

MDL=METHOD DETECTION LEVEL
BDL=BELOW DETECTION LEVEL
SR=SURROGATE RECOVERY

MATRIX TYPES
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EPA Method 8270 Modified

MATRIX TYPE CTL SAMPLE NO. FIELD ID			S 2589 SB-14			
PARAMETER	**UNITS**	**MDL**				
Acenaphthene	ug/kg	100	BDL			
Acenaphthylene	ug/kg	100	BDL			
Anthracene	ug/kg	100	BDL			
Benzidine	ug/kg	100	BDL			
Benzo(a)anthracene	ug/kg	100	**105.0**			
Benzo(b)fluoranthene	ug/kg	100	BDL			
Benzo(k)fluoranthene	ug/kg	100	BDL			
Bis(2-chloroethyl) ether	ug/kg	100	BDL			
Benzo(g,h,i)perylene	ug/kg	500	BDL			
Bis(2-chloroisopropyl) ether	ug/kg	100	BDL			
Benzo(a)pyrene	ug/kg	100	BDL			
Bis-(2-ethylhexyl) phthalate	ug/kg	500	BDL			
4-Bromophenylphenylether	ug/kg	100	BDL			
bis(2-Chloroethoxy) methane	ug/kg	100	BDL			
Butylbenzyl phthalate	ug/kg	100	BDL			
Carbazole	ug/kg	100	BDL			
2-Chloronaphthalene	ug/kg	100	BDL			
4-Chlorophenyl phenyl ether	ug/kg	100	BDL			
Chrysene	ug/kg	100	**109.0**			
Dibenzo(a,h) anthracene	ug/kg	500	BDL			
1,2-Dichlorobenzene	ug/kg	100	BDL			
1,3-Dichlorobenzene	ug/kg	100	BDL			
1,4-Dichlorobenzene	ug/kg	100	BDL			
3,3-Dichlorobenzidine	ug/kg	100	BDL			
Diethyl phthalate	ug/kg	100	BDL			
Dimethyl phthalate	ug/kg	100	BDL			
Di-n-Butyl phthalate	ug/kg	100	BDL			
2,4-Dinitrotoluene	ug/kg	100	BDL			
2,6-Dinitrotoluene	ug/kg	100	BDL			
Di-n-octyl phthalate	ug/kg	100	BDL			
1,2-Diphenylhydrazine	ug/kg	100	BDL			
Fluoranthene	ug/kg	100	**221.0**			
Fluorene	ug/kg	100	BDL			
Hexachlorobenzene	ug/kg	100	BDL			

GEI Consultants

LAB NUMBER : 0209261
JOB NUMBER : S828 (090500)
REPORT DATE : 03/02/09

DATE SAMPLES RECEIVED : 02/20/09
DATE SAMPLES EXTRACTED : 02/25/09
DATE SAMPLES ANALYZED : 02/26/09
ANALYST : KM

EPA Method 8270 Modified

MATRIX TYPE CTL SAMPLE NO. FIELD ID			S 2589 SB-14			
PARAMETER	**UNITS**	**MDL**				
Hexachlorobutadiene	ug/kg	100	BDL			
Hexachlorocyclopentadiene	ug/kg	100	BDL			
Hexachloroethane	ug/kg	100	BDL			
Indeno(1,2,3-cd) pyrene	ug/kg	500	BDL			
Isophorone	ug/kg	100	BDL			
2-Methylnaphthalene	ug/kg	100	BDL			
Naphthalene	ug/kg	100	BDL			
Nitrobenzene	ug/kg	100	BDL			
N-Nitrosodimethylamine	ug/kg	100	BDL			
N-Nitroso-di-n-propylamine	ug/kg	100	BDL			
N-Nitrosodiphenylamine	ug/kg	100	BDL			
Phenanthrene	ug/kg	100	**119.0**			
Pyrene	ug/kg	100	**201.0**			
1,2,4-Trichlorobenzene	ug/kg	100	BDL			
2-Chlorophenol	ug/kg	500	BDL			
2,4-Dichlorophenol	ug/kg	500	BDL			
2,4-Dimethylphenol	ug/kg	500	BDL			
4,6-Dinitro-2-methylphenol	ug/kg	500	BDL			
2,4-Dinitrophenol	ug/kg	500	BDL			
2-Nitrophenol	ug/kg	500	BDL			
4-Nitrophenol	ug/kg	500	BDL			
4-Chloro-3-methylphenol	ug/kg	500	BDL			
Pentachlorophenol	ug/kg	500	BDL			
Phenol	ug/kg	500	BDL			
2,4,6-Trichlorophenol	ug/kg	500	BDL			
Phenol-d6 (SR)	%	----	101			
Nitrobenzene-d5 (SR)	%	----	105			
2-Fluorobiphenyl (SR)	%	----	101			
2,4,6-Tribromophenol (SR)	%	----	96			
p-Terphenyl-d14 (SR)	%	----	93			

MDL=METHOD DETECTION LEVEL
BDL=BELOW DETECTION LEVEL
SR=SURROGATE RECOVERY

MATRIX TYPES
W=WATER/AQUEOUS
S=SOIL/SOLID

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547 / MA-CT035

CHAIN OF CUSTODY RECORD

connecticut testing laboratories inc.

Lab Tracking #:

CTL Client: GET

Client PO # 8837 090500

Sampler(s): _____ (signature)

Ryan Arosteu (print)

Requested Analyses

Lab Use	Field ID (please print)	Date	Time	Matrix	Preserv Code	8081A																		Total Number of Containers
						Container Type Code																		
	MW-18	3/24/09		GW		X																		

REPORT INFORMATION

Send Report To: Gary Iadarola

Email Report To: Same

Quote ID _____

Invoice To: GEI Consultants

Fax Report To: _____

RSR Criteria (Check One) GWPA X GA ___ SWP ___

Container Types : P = Plastic C = Cube AG = Amber Glass V = EPA Vial S = Sterile T =Tedlar Bag

Matrix : A = Air W= Water DW = Drinking Water S = Soil Wp= Wipe

5035 Preservation : M = Methanol SB = Sodium Bisulfate Ev = Empty Vial W= Water En = Encore Type

DATA REPORT TYPE

RCP	☐	State EDI	☐
Excel	☐	Other *	☐
PDF	☒	Email	☐

*Specify

Received By Laboratory: (Signature) Date / Time 3/24/09 1440

Samples Iced _____ Date Encores Frozen : _____

Temp C : _____

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Date / Time
	3/24/09 2:40pm		
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Date / Time

Turn Around Time

24 HR*	☐	3 Day*	☐	5 Day	☒
48 HR*	☐	4 Day*	☐	10 Day	☐

CTL will not be held liable for incorrectly filled out Chain of Custody Records.
Samples held for 45 days from receipt.

*Turnaround times less than " 5 Days" may be subject to priority fee charges.

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Tel. (203) 634-3731 / Fax (203) 630-1336

ORIGINAL

CHAIN OF CUSTODY RECORD

090500

connecticut testing laboratories inc.

Lab Tracking #:

Requested Analyses

CTL Client: GEI

Client PO # S836 - 090500

Sampler(s): Essie Hester (signature)

Jesse McCusker Ryan Acosta (print)

Lab Use	Field ID (please print)	Date	Time	Matrix	Preserv Code	8270 SVOCs	LEAD 6000/7000	Container Type Code	Total Number of Containers
	TW-1	3.20.09		W		X	X		
	TW-2								
	TW-3								
	TW-4								
	TW-5								
	TW-6								
	TW-7								
	MW-15					X	X		
	BLANK	3.20.09		W		X			

REPORT INFORMATION

Send Report To: Gary Iandoli

Email Report To: DataGroup@gziconsultants.com

Quote ID

Invoice To:

Fax Report To:

RSR Criteria (Check One) GWP___ GA___ SWP___

Container Types : P = Plastic C = Cube AG = Amber Glass V = EPA Vial S = Sterile T =Tedlar Bag

Matrix : A = Air W= Water DW = Drinking Water S = Soil Wp= Wipe

5035 Preservation : M = Methanol SB = Sodium Bisulfate Ev = Empty Vial W= Water En = Encore Type

DATA REPORT TYPE

RCP ☐ State EDI ☐

Excel ☐ Other * ☐

PDF ☐ Email ☐

*Specify

Received By Laboratory: (Signature) Date / Time

3/20/09 1:20

Samples Iced ____ Date Encores Frozen: ____

Temp C: ____

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Date / Time
	03/20/09 1:20		
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Date / Time

Turn Around Time

24 HR* ☐ 3 Day* ☐ 5 Day ☒

48 HR* ☐ 4 Day* ☐ 10 Day ☐

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Samples held for 45 days from receipt.

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ORIGINAL

CHAIN OF CUSTODY RECORD

090502

connecticut testing laboratories inc.

Lab Tracking #: 03092262

CTL Client: GEI

Client PO # S836- 090500

Sampler(s): Jessie McCusker (signature) Ryan Acosta (print)

Requested Analyses

Lab Use	Field ID (please print)	Date	Time	Matrix	Preserv Code	Pesticides 8081A/SPLP	Container Type Code	Total Number of Containers
	SS-1 (6)	3.19.09	0800-1700	S		X		
	SS-1 (2)							
	SS-3 (6)							
	SS-3 (2)							
	SS-4 (6)							
	SS-5 (6)							
	SS-6 (6)							
	SS-7 (6)							
	SS-8 (6)							
	SS-9 (6)							

REPORT INFORMATION

Send Report To: GARY INDAROLA

Email Report To: Datagroup@geiconsultants.com

Quote ID

Invoice To:

Fax Report To:

RSR Criteria (Check One) GWP ___ GA ✓ SWP ___

Container Types : P = Plastic C = Cube AG = Amber Glass V = EPA Vial S = Sterile T =Tedlar Bag

Matrix : A = Air W= Water DW = Drinking Water S = Soil Wp= Wipe

5035 Preservation : M = Methanol SB = Sodium Bisulfate Ev = Empty Vial W= Water En = Encore Type

DATA REPORT TYPE

RCP ☐ State EDI ☐

Excel ☒ Other * ☐

PDF ☐ Email ☐

*Specify

Received By Laboratory: (Signature) Maureen McMahon Date / Time 3/20/09 1:20

Samples Iced ___ Date Encores Frozen : ___

Temp C : ___

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Date / Time
	3/20/09 1:20		
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Date / Time

Turn Around Time

24 HR* ☐ 3 Day* ☐ 5 Day ☒

48 HR* ☐ 4 Day* ☐ 10 Day ☐

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Samples held for 45 days from receipt.

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Connecticut Testing Laboratories, Inc.
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ORIGINAL

CHAIN OF CUSTODY RECORD

090502

connecticut testing laboratories inc.

Lab Tracking #:

CTL Client: GEI

Client PO # 5836 090500

Sampler(s): Jessie McCusker Ryan Acosta (signature)

Jessie McCusker Ryan Acosta (print)

Requested Analyses

Lab Use	Field ID (please print)	Date	Time	Matrix	Preserv Code	8081A SPLP	Container Type Code	Total Number of Containers
	SS-10 (6)	3-19-09	0800-1700	S		X		
	SS-11 (6)							
	SS-12 (6)							
	SS-13 (6)							
	SS-14 (6)							
	SS-15 (6)							
	SS-16 (6)							
	SS-17 (6)							
	SS-18 (6)							
	SS-19 (6)							

REPORT INFORMATION

Send Report To: Gary Tadarola

Email Report To: Datagroup@geiconsultants.com

Quote ID

Invoice To:

Fax Report To:

RSR Criteria (Check One) GWP ___ GA X SWP ___

Container Types : P = Plastic C = Cube AG = Amber Glass V = EPA Vial S = Sterile T =Tedlar Bag

Matrix : A = Air W= Water DW = Drinking Water S = Soil Wp= Wipe

5035 Preservation : M = Methanol SB = Sodium Bisulfate Ev = Empty Vial W= Water En = Encore Type

DATA REPORT TYPE

RCP	☐	State EDI	☐
Excel	☒	Other *	☐
PDF	☐	Email	☐

*Specify

Relinquished By: (Signature) 3/20/09 1:20 Date / Time

Received By: (Signature) Date / Time

Relinquished By: (Signature) Date / Time

Received By: (Signature) Date / Time

Received By Laboratory: (Signature) M. McMahon 3/20/09 1:20 Date / Time

Samples Iced ____ Date Encores Frozen : ____

Temp C : ____

Turn Around Time

24 HR*	☐	3 Day*	☐	5 Day	☒
48 HR*	☐	4 Day*	☐	10 Day	☐

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Samples held for 45 days from receipt.

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Connecticut Testing Laboratories, Inc.
165 Gracey Ave. / Meriden, CT 06451
Tel. (203) 634-3731 / Fax (203) 630-1336

ORIGINAL

CHAIN OF CUSTODY RECORD

connecticut testing laboratories inc.

Lab Tracking #: 096500

Requested Analyses

CTL Client: GEI

Client PO # 5836 090500

Sampler(s): [illegible] (signature)

JESSIE McCLUSKER RYAN ACOSTA (print)

Lab Use	Field ID (please print)	Date	Time	Matrix	Preserv Code	8081 SPLP	Container Type Code	Total Number of Containers
	SS-20(6)	3.19.09	0800-1700			X		
	SS-21(6)							
	SS-22(6)							
	~~SS-23(6)~~							
	SS-24(6)							
	SS-25(6)							
	SS-26(6)							
	SS-27(6)							

REPORT INFORMATION

Send Report To: GARY INDARLA

Email Report To: DATAGROUP@GEICONSULTANTS.COM

Quote ID

Invoice To:

Fax Report To:

RSR Criteria (Check One) GWP GA X SWP

Container Types : P = Plastic C = Cube AG = Amber Glass V = EPA Vial S = Sterile T =Tedlar Bag

Matrix : A = Air W= Water DW = Drinking Water S = Soil Wp= Wipe

5035 Preservation : M = Methanol SB = Sodium Bisulfate Ev = Empty Vial W= Water En = Encore Type

DATA REPORT TYPE

RCP ☐ State EDI ☐

Excel ☒ Other * ☐

PDF ☐ Email ☐

*Specify

Received By Laboratory: (Signature) M McMahon Date / Time 3/20/09 1:20

Samples Iced _____ Date Encores Frozen: _____

Temp C: _____

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Date / Time
	3/20/09 1:20		
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Date / Time

Turn Around Time

24 HR* ☐ 3 Day* ☐ 5 Day ☒

48 HR* ☐ 4 Day* ☐ 10 Day ☐

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Samples held for 45 days from receipt.

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Connecticut Testing Laboratories, Inc.
165 Gracey Ave. / Meriden, CT 06451
Tel. (203) 634-3731 / Fax (203) 630-1336

ORIGINAL

CHAIN OF CUSTODY RECORD

connecticut testing laboratories inc.

Lab Tracking #:

CTL Client: GEI CONSULTANTS

Client PO # 5828 (090500)

Sampler(s): [signature] (signature)

JESSIE McCUSKER (print)

Requested Analyses

Lab Use	Field ID (please print)	Date	Time	Matrix	Preserv Code	8260	CT ETPH	SOLID LEAD	8270	8082	Container Type Code	Total Number of Containers
	SB-1 (30")	2-19-09	0830	S		X	X		X			
	SB-2 (4-5)	2.19.09	0900			X		X				
	SB-3 (2-3)		1000			X		X				
	SB-4 (5.5-6)		0930			X		X				
	SB-5 (3-4)		1015			X		X				
	SB-6 (10.5-11)		1100			X		X				
	SB-7 (10-11)		1115			X		X				
	SB-8 (11)		1130				X		X	X		
	SB-9 (10-11)		1200				X		X	X		
	SB-10 (9-10)	"	1345			X	X	X	X			

REPORT INFORMATION

Send Report To: GARY IADAROLA

Email Report To: Datagroup@geiconsultants.com

Quote ID

Invoice To:

Fax Report To:

RSR Criteria (Check One) GWP____ GA____ SWP____

Container Types : P = Plastic C = Cube AG = Amber Glass V = EPA Vial S = Sterile T =Tedlar Bag

Matrix : A = Air W= Water DW = Drinking Water S = Soil Wp= Wipe

5035 Preservation : M = Methanol SB = Sodium Bisulfate Ev = Empty Vial W= Water En = Encore Type

DATA REPORT TYPE

RCP ☐ State EDI ☐

Excel ☒ Other * ☐

PDF ☐ Email ☐

*Specify

Received By Laboratory: (Signature) Date / Time 2/20/09 1530

Samples Iced ____ Date Encores Frozen: ____

Temp C : ____

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Date / Time
[signature]	2.20.09 / 330		
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Date / Time

Turn Around Time

24 HR* ☐ 3 Day* ☐ 5 Day ☒

48 HR* ☐ 4 Day* ☐ 10 Day ☐

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Samples held for 45 days from receipt.

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Connecticut Testing Laboratories, Inc.
165 Gracey Ave. / Meriden, CT 06451
Tel. (203) 634-3731 / Fax (203) 630-1336

ORIGINAL

CHAIN OF CUSTODY RECORD

connecticut testing laboratories inc.

Lab Tracking #:

CTL Client: GEI CONSULTANTS

Client PO # 5828 (090500)

Sampler(s): _____ (signature)

JESSIE McCUSKER (print)

Requested Analyses

Lab Use	Field ID (please print)	Date	Time	Matrix	Preserv Code	8260	GRO/PH	SPLP VOCs	RCRA 8 Metals	8270	8082	8151	PAH's	Container Type Code	Total Number of Containers
	SB-101 (9-10)	2-19-09	1330	S		X	X		X						
	SB-11 (3.5-4)	2-19-09	1400				X		T						
	SB-12 (3-4)	2.19.09	1430				X		X						
	GEI-MW-13	2.20.09	0900			X	X	X	X						
	SB-14	2.20.09	1030			X	X	X	X						
	SS-1	2.20.09	930							X	X				
	SS-2	2.2009	1100								X				
	SS-3	2.2009	1115								X				

REPORT INFORMATION

Send Report To: GARY I ADAMCZA

Email Report To: DATAGROUP@GEICONSULTANTS.COM

Quote ID _____

Invoice To: _____

Fax Report To: _____

RSR Criteria (Check One) GWP____ GA____ SWP____

Container Types : P = Plastic C = Cube AG = Amber Glass V = EPA Vial S = Sterile T = Tedlar Bag

Matrix : A = Air W = Water DW = Drinking Water S = Soil Wp = Wipe

5035 Preservation : M = Methanol SB = Sodium Bisulfate Ev = Empty Vial W = Water En = Encore Type

DATA REPORT TYPE

RCP	☐	State EDI	☐
Excel	☒	Other *	☐
PDF	☐	Email	☐

*Specify

Received By Laboratory: (Signature) * Date / Time 2/20/09 1530

Samples Iced _____ Date Encores Frozen: _____

Temp C: _____

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Date / Time
JESSIE McCUSKER	2.20.09/1330		
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Date / Time

Turn Around Time

24 HR*	☐	3 Day*	☐	5 Day	☒
48 HR*	☐	4 Day*	☐	10 Day	☐

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Connecticut Testing Laboratories, Inc.
165 Gracey Ave. / Meriden, CT 06451
Tel. (203) 634-3731 / Fax (203) 630-1336

ORIGINAL