ENVIRONMENTAL SITE ASSESSMENT AND SUBSURFACE INVESTIGATION 1660 STORRS ROAD/643 MIDDLE TURNPIKE MANSFIELD, CONNECTICUT

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TABLE OF CONTENTS

1.0 OBJECTIVE, SCOPE, LIMITATIONS AND RELIANCE 1
1.1 OBJECTIVE 1
1.2 SCOPE OF WORK, LIMITATIONS AND RELIANCE 1

2.0 PREVIOUS REPORTS 2

3.0 SITE CHARACTERISTICS 6
3.1 GENERAL SITE CHARACTERISTICS 6
3.2 SITE IMPROVEMENTS 7
3.3 SITE UTILITIES 7
3.3.1 Water Supply 7
3.3.2 Sanitary Waste Disposal 7
3.4 SITE RECONNAISSANCE 8
3.4.1 Physical Characteristics 8
3.4.2 Discharge Locations 8
3.4.3 Dumping 8
3.4.4 Stressed Vegetation and Stained Soil 8
3.4.5 Mold 8
3.4.6 Environmental Permits 8
3.5 POLYCHLORINATED BIPHENYLS (PCBS) 8
3.6 RADON 8
3.7 ASBESTOS CONTAINING MATERIALS (ACM) 9
3.8 LEAD PAINT 9
3.9 SITE HYDROLOGY AND GEOLOGY 9
3.9.1 Surface Water Characteristics 9
3.9.2 Groundwater Characteristics 9
3.9.3 Geological Characteristics 10
3.10 OBVIOUS REGULATORY NON-COMPLIANCE 10
3.11 ADJOINING PROPERTIES 10

4.0 SITE HISTORY 11
4.1 HISTORICAL DOCUMENT REVIEWS 11
4.1.1 Sanborn Fire Insurance Maps 11
4.2.1 Sanborn Fire Insurance Maps 11
4.1.2 Historical Street Directories 11
4.1.3 Aerial Photographs 11
4.1.4 Historical Topographic Maps 12
4.1.5 Other Historical Information 12
4.2 SUMMARY OF SITE AND AREA HISTORY 12

5.0 REGULATORY INFORMATION 13
5.1 GOVERNMENT RECORDS PERTAINING TO THE SITE 13
5.1.1 FirstSearch Report 13
5.2 FIRSTSEARCH ADJOINING AND SURROUNDING PROPERTY DATABASE LISTINGS 15
5.3 CONNECTICUT TRANSFER ACT 16

TABLE OF CONTENTS (Continued)

6.0 SUBSURFACE INVESTIGATION 17

7.0 CONCLUSIONS 20

8.0 REFERENCES 21
8.1 RESOURCES CONSULTED 21
8.2 AGENCIES CONTACTED 21

FIGURES:

Figure 1 Site Location Map
Figure 2 Site Plan with Groundwater Contours

Tables:

Table 1A Concentrations of VOCs, ETPH and PCBs Detected
Table 1B Concentrations of SVOCs, SPLP, RCRA 8 Metals, and PCBs Detected in Composite Soil Samples
Table 2 Concentration of Volatile Organic Compounds, Total Petroleum Hydrocarbons and Polychlorinated Biphenyls in Groundwater samples
Table 3 Groundwater Seepage Velocity Calculations

APPENDICES:

Appendix A Previous Reports and file review documentaion
Appendix B Photographs
Appendix C Tax Assessor's Card and Map
Appendix D Sanborn Fire Insurance Company No Coverage Letter
Appendix E Historic Aerial Photographs
Appendix F Historic Topographic Maps
Appendix G FirstSearch™ Environmental Database Report
Appendix H Standard Operating Procedures
Appendix I Soil Boring Logs/Groundwater Sampling Logs
Appendix J Laboratory Analytical Reports

1.0 OBJECTIVE, SCOPE, LIMITATIONS AND RELIANCE

1.1 OBJECTIVE

Environmental Compliance Services, Inc. (ECS) conducted an Environmental Site Assessment (ESA) and Subsurface Investigation of the property identified as 1660 Storrs Road (Route 195) and 643 Middle Turnpike (Route 44) in Mansfield (Storrs), Connecticut (the "Site"); otherwise known as the "Mansfield Four Corners". This investigation was performed according to the American Society for Testing and Materials (ASTM) Standard Practice E 1527-05. The purpose of this assessment was to identify recognized environmental conditions (RECs), as defined in ASTM Standard Practice E 1527-05[1] A Site Location Map is included as Figure 1. The Site consists of two parcels (Lots 12 and 13 on Map 2/Block 8 according to the Mansfield Assessor), totaling 2.39 acres of land. Lot 12 is identified as 1660 Storrs Road and is the location of a former Citgo gasoline filling station/automobile repair shop. Lot 13 is identified as 643 Middle Turnpike and is the location of a vacant restaurant (formerly Kathy John's).

1.2 SCOPE OF WORK, LIMITATIONS AND RELIANCE

The assessment was performed at the request Cumberland Farms, Inc. (CFI). This report was prepared for CFI and is not to be relied upon by any other party without the written authorization of ECS.

[1] The term "recognized environmental conditions" is defined in ASTM E1527-05 as meaning "the presence or likely presence of any hazardous substance or petroleum product on the site under conditions that indicate an existing release, a past release or a material threat of a release into structures on the site or into the ground, groundwater or surface water. The term is not intended to include de minimis conditions that generally do not present a material risk to the public health or the environment, and that generally would not be the subject of an enforcement action if brought to the attention of the appropriate government agencies".

2.0 PREVIOUS REPORTS

ECS reviewed the following reports:

Site Status Report Former Republic Texaco 1660 Storrs Road Storrs, Connecticut, prepared by Sovereign Consulting, Inc. (Sovereign), dated November 2007; the Sovereign report referenced the following reports:

> *Revised Scope of Study*, prepared by Fuss & O'Neill, Inc. (Fuss & O'Neill), dated May 1993; and *Assessment Report*, prepared by Tyree Environmental Technologies, Inc. (Tyree), 1994

In 2007, Sovereign was retained by Republic Oil Company (Republic), the former owner of the portion of the Site located at 1660 Storrs Road, to perform an environmental site assessment. The Sovereign report included a review of previous assessment reports prepared for the Site; groundwater sampling of existing monitoring wells with laboratory analysis and a Site survey.

The Sovereign report summarized the historical activities at the Site, as discussed below. In 1990 Republic removed and replaced four 4,000-gallon, one 2,000-gallon, one 8,000-gallon and two 550-gallon underground storage tanks (USTs) at the Site under the supervision of Fuss & O'Neill. During UST removal activities, impacted soils were encountered in the vicinity of the southern tank grave. The source was identifies as a broken drain pipe emanating from the garage building. Soil samples were collected by both Republic and the Connecticut Department of Environmental Protection (CTDEP), though the sample locations were not recorded.

In August 1990, four new USTs were installed at the Site: three 8,000-gallon double-walled steel USTs and one 2,000-gallon double-walled steel UST. According to the Tyree report, 585 tons of soils were removed and stockpiled during the UST installation, at the request of the CTDEP (the disposition of these soils is unclear). Tyree reported that five soils samples were collected from the excavated soil stockpile, submitted for laboratory analysis of volatile organic compounds (VOCs), and that in one sample xylenes were detected at a concentration of 0.312 milligrams per kilogram (mg/Kg). The Sovereign report indicated that 65 cubic yards of excavated soils were disposed of at the Becker Sand and Gravel property, without CTDEP approval. The CTDEP required that subsequent soils generated be stockpiled. Based on the detection of 0.312 mg/Kg xylenes, the CTDEP permitted the disposal of future soils at the Willington Landfill (presumably the 585 tons of soil identified in the Tyree report).

On March 26, 1991 the CTDEP issued a Consent Order to Republic (WC 4996); this Consent Order was canceled and replaced by Consent Order WC 5077 in 1992. In early 1993, on behalf of Republic, Fuss & O'Neill, Inc. (Fuss & O'Neill) prepared a Scope of Study and a revised Scope of Study to meet the requirements of Consent Order WC 5077. Both proposals were rejected by the CTDEP.

Tyree was retained by Republic in 1994 and prepared a Scope of Study. The CTDEP accepted the 1994 Tyree Scope of Study to satisfy the requirements of consent order WC 5077. As summarized by Sovereign, Tyree performed the following subsurface assessment activities at 1660 Storrs Road:

- <u>Soil Gas Survey</u>: Twelve shallow soil gas points were installed at the Site. The soil gas points were screened for VOCs using a photoionization detector (PID). VOC concentrations were recorded at 1.4 parts per million (ppm) to 6.8 ppm.

- Subsurface Investigation: Six soil borings were advanced at the Site (B-1 through B-6); five in the vicinity of the current on-Site USTs and one at the northeastern side of the building. Soil samples were collected from each boring and analyzed for total petroleum hydrocarbons (TPH) and VOCs; the soil sample collected from the northern side of the Site building was also analyzed for polychlorinated biphenyls (PCBs). TPH was detected in soil samples at concentrations ranging from 93.9 mg/Kg in soil from boring B-1 to 463 mg/Kg in soil from boring B-6. The VOCs toluene (B-1) and xylenes (B-1 and B-5) were detected at maximum concentrations of 0.002 mg/Kg and 0.005 mg/Kg, respectively. No PCBs were detected above laboratory reporting limits.

  Subsequent to the initial investigation, six additional soil borings were advanced at the Site; four were advanced on the eastern side of the Site building/UST area and two were completed to the west of the current dispenser island area. Soil samples were collected from each boring and submitted for laboratory analysis of TPH and VOCs. Concentrations of TPH were detected in each soil sample at concentrations ranging from 103 mg/Kg (W-6) to 280 mg/Kg (W-3). The VOC toluene was detected at concentrations of 0.145 mg/Kg and 0.026 mg/Kg in the samples from locations W-1 and W-2, respectively. The VOCs xylenes were detected at concentrations of 1.180 mg/Kg and 0.265 mg/Kg in soils samples from locations W-1 and W-2, respectively.

  Each soil boring location was completed as a two-inch groundwater monitoring well (W-1 through W-6), with locations W-3 and W-5 installed as nesting pairs of shallow and deeper wells (W-3s/W-3d and W-5s and W-5d). Groundwater samples were collected from the newly installed wells, on two occasions approximately one month apart. The VOCs benzene, ethylbenzene, toluene, xylenes and methyl-tert butyl ether (MtBE) were detected in groundwater samples. Concentrations of benzene were detected in samples from well W-1 and W-2; ranging from 450 micrograms per liter (µg/L) to 950 µg/L. Concentrations of ethylbenzene were detected in samples from wells W-1 and W-2 at concentrations ranging from 475 µg/L to 2,100 µg/L. Concentrations of toluene were detected in samples from wells W-1 and W-2 at concentrations ranging from 130 µg/L to 1,450 µg/L. Concentrations of xylenes were detected in samples from wells W-1, W-2 and W-3 at concentrations ranging from 3 µg/L to 7,250 µg/L. Concentrations of MtBE were detected in samples from well W-1, W-2, W5s and W-6 at concentrations ranging from 2 µg/L to 100 µg/L.

Sovereign was on-Site in November 2007, to assess the condition of the groundwater monitoring wells. complete a groundwater sampling event, and conduct a Site survey. Sovereign identified the 8 wells installed by Tyree and subsequently re-named them: MW-1 (W-1), MW-2 (W-2), NW-3s (W-3s), NW-3d (W-3d), MW-4 (W-4), NW-5s (W-5s), NW-5d (W-5d) and MW-6 (W-6). It was noted by Sovereign that the nested well pairs (NW-3 and NW-5) were in poor condition; a sample could not be obtained from well NW-3s. The Sovereign report indicated that it was determined that groundwater flow across the Site is to the north/northeast; however, the attached Site plan indicated groundwater contours showing flow to the west. Monitoring well locations are depicted on Figure 2- Site Plan.

On November 27, 2007, Sovereign collected groundwater samples from 7 of the 8 monitoring wells (excluding NW-3s). Each sample was submitted for laboratory analysis of VOCs via the United States Environmental Protection Agency (USEPA) Method 8260. The VOC benzene was detected at a concentration above the Connecticut Remediation Standard Regulation (RSR) Groundwater Protection Criteria (GWPC) of 1 µg/L, in the sample from well MW-2 (79 µg/L). The VOC methyl-ethyl ketone (MEK) was detected at a concentration above the GWPC of 61 µg/L, in the samples collected from NW-5d (4,140 µg/L) and MW-6 (704 µg/L). The concentration of MEK detected in the sample from well NW-5d also exceeded the RSR Residential Volatilization Criteria (RVC) of 1,500 µg/L. Sovereign noted

that the presence of MEK in the groundwater samples was most likely due to well repair activities. A summary of all VOCs detected in samples collected by Sovereign is presented in Table 1 of the Sovereign report.

Phase I Environmental Site Assessment and *Phase II Environmental Site Assessment*, prepared by Pennoni Associates, Inc. (Pennoni), dated May 23, 2008 and June 12, 2008, respectively.

In May 2008, Pennoni performed a Phase I Environmental Site Assessment for the properties at 1660 Storrs Road and 643 Middle Turnpike. Based on the findings of the Phase I assessment, Pennoni recommended the performance of a limited subsurface investigation. In June 2008, Pennoni performed a Phase II Environmental Site Assessment, which included the advancement of 15 soil borings; and the collection of groundwater samples from eight existing groundwater monitoring wells. The results of the subsurface investigation are as follows:

- Soil Borings, Sampling and Analysis: Between May 27 and May 29, 2008, Pennoni advanced 15 soil borings at the Site (B-1 through B-5; P-1 through P-9 and RW-1). Soil borings B-1 through B-5 and P-6 through P-8 were advanced for geotechnical investigation purposes. Soil borings P-1 through P-5 and RW-1 were advanced for environmental considerations. Soil boring locations are included on Figure 2- Site Plan. No new groundwater monitoring wells were installed. Soil samples were screened for VOCs with a PID. VOC concentrations ranged from below the instrument detection limit to 642 ppm. Soil samples from borings B-1 (located to the northwest of the existing Kathy John's Restaurant building, in the vicinity of the existing septic leachfield), P-2 and P-3 (both located to the southwest of the existing station building) were submitted for laboratory analysis of VOCs and extractable petroleum hydrocarbons (EPH). No EPH compounds were detected above laboratory reporting limits with the exception of 2-methylnaphthalene, detected in the sample from boring P-3, which was detected below applicable RSR Criteria. No VOCs were detected above the laboratory reporting limits in the sample from boring B-1. Concentrations of the VOCs n-butyl benzene, sec-butylbenzene, ethyl benzene, isopropyl benzene, MtBE, n-propylbenzene, toluene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene and xylenes were detected in the samples from one or both borings P-2 and P-3. The concentrations of n-butylbenzene, isopropyl benzene, n-propylbenzene and 1,2,4-trimethylbenzene, detected in the sample from boring P-3, exceeded the RSR Pollutant Mobility Criteria (PMC) for soils in a GA area.

- Groundwater Sampling and Analysis: On May 29, 2008, Pennoni collected groundwater samples from the eight existing groundwater monitoring wells at the Site (MW-1, MW-2, MW-3S/3D [so named NW-3S/SD by Sovereign], MW-4, MW-5S/5D [so named NW-5S/5D by Sovereign], and MW-6). A groundwater sample from each well was submitted for laboratory analysis of VOCs. No VOCs were detected at concentrations above laboratory reporting limits in the samples from wells MW-3S, MW-3D, MW-5S or MW-5D. The following VOCs were detected at concentrations above laboratory reporting limits in the samples from one or all of the remaining wells: acetone, tert-amyl methyl ether (TAME), benzene, methyl-ethyl ketone (MEK), n-butylbenzene, sec-butyl benzene, tert-butyl ether, ethyl benzene, isopropyl benzene, MtBE, naphthalene, n-propylbenzene, tetrahydrofuron, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene and/or xylenes. Only the concentration of benzene, detected in the sample from well MW-2 (located on the southwestern side of the station building) exceeded applicable RSR Criteria.

Pennoni concluded that based on their review of historical assessments at the Site and their limited subsurface investigation, that oil and hazardous materials (OHM) were present in soils and groundwater

beneath the Site at concentrations that exceeded the applicable CTDEP RSR Criteria. The Pennoni report identified the areas to the north and south of the service garage as areas of concern (AOC) for the Site. Pennoni also concluded that the upgradient wells at the Site revealed the absence of impacts to the Site from potential upgradient sources.

Copies of previous reports are included as Appendix A.

3.0 SITE CHARACTERISTICS

3.1 GENERAL SITE CHARACTERISTICS

The Site characteristics as determined at the time of this ESA are summarized below. Figure 1 is a Site location map. Figure 2 is a Site Plan. Photographs are provided in Appendix B. Copies of the current Tax Assessor's property cards are provided in Appendix C.

PROJECT SUMMARY TABLE			
Site Address:	1660 Storrs Road (Route 195) and 643 Middle Turnpike (Route 44)		
City:	Mansfield (Storrs)	County: Tolland	State: Connecticut
Tax Map designation:	Former Citgo: Map 2/Block 8/Lot 12 Former Kathy John's: Map 2/Block 8/Lot 13		Property Area: 2.39 total acres
ECS Personnel:	Abby E. Albano		
Accompanied/Escorted By:	Dennis Proto, Cumberland Gulf Group of Companies		
Inspection Date:	May 10, 2011		

SITE BUILDINGS	
Building Footprint:	Former Citgo: 1,512 Square Feet Former Kathy John's: 4,218 Square Feet
Year Built:	Former Citgo: 1964 (remodeled 1980) Former Kathy John's: 1968 (remodeled 1980)
Number of Stories:	Former Citgo: One Former Kathy John's: One
Last Sale Date:	Former Citgo: 9/22/1999 Former Kathy John's: 11/20/1990
Land Use:	Former Citgo: Gasoline Filling Station/Service Garage (currently vacant) Former Kathy John's: Restaurant (currently vacant)
Property Owners:	Former Citgo: Michael P. and Deborah Lahan; Amanda Boukis and Kathleen A. Jones Co-Trust Former Kathy John's: Kathleen A. Jones
Site Occupants:	Former Citgo: Vacant Former Kathy John's: Vacant
Heating Source:	Former Citgo: Forced hot water Former Kathy John's: Forced hot water
Fuel Storage:	Former Citgo: Gasoline, Diesel, (formerly) No. 2 Fuel Oil and Waste Oil Former Kathy John's: No. 2 Fuel Oil
Floor Drains:	Former Citgo: None Observed Former Kathy John's: None Observed
Site Utilities:	
Municipal Sewer	No
On-Site Septic System	Yes
Municipal Water	No
On-Site Drinking Water Well	Yes

3.2 SITE IMPROVEMENTS

The portion of the Site identified as 1660 Storrs Road (former Citgo) is currently improved with a 1,512 square foot, one-story brick and cinder block service garage building, a gasoline dispenser island, with four dispenser pumps and four USTs. The Site building is situated at the northern corner of the intersection of Storrs Road and Middle Turnpike. The interior of the building consists of three service bays, two of which contain underground hydraulic lifts (the two easternmost bays), a customer service area, a storage area (the out of use furnace is located in this storage area) and two bathrooms (ECS was unable to access the bathrooms during the Site inspection). The gasoline/diesel USTs are situated to the east of the station building. The dispenser islands are situated to the southeast of the station building. The dispenser islands consist of four pumps, each with six nozzles (three on each side) as well as one dispenser with two nozzles (one on each side) for the dispensing of diesel fuel (located in the southernmost set of dispensers). Current USTs at the former Citgo portion of the Site consist of three 8,000-gallon gasoline USTs and one 4,000-gallon diesel fuel UST; each UST is constructed of double-walled steel. Two solid waste dumpsters, as well as one clothing donation collection box were present to the west of the former Citgo building during the inspection.

The portion of the Site identified as 643 Middle Turnpike (former Kathy John's restaurant) is currently improved with a 4,218 square foot, one-story wooden building, erected on a concrete/cinder block foundation; a basement is present under a portion of the building. The interior first floor of the building consists of a reception/dining area, a gift shop, a kitchen, an office and two bathrooms. A fuel-oil burning furnace is located in the "Down Draft", located in the northwestern portion of the building. The No. 2 fuel oil is stored in a 1,000-gallon aboveground storage tank (AST), located outside the northwestern side of the building.

3.3 SITE UTILITIES

3.3.1 Water Supply

A private drinking water well, which services both parcels comprising the Site, is located on the northern central side of the former Kathy John's restaurant. Samples have been collected from this well sporadically, by the Eastern Highlands Health District (EHHD), from 1990 through 2008. In December of 1990, 2.6 µg/L of 1,4-dichlorobenzene was detected in a sample from the well. In the 20 subsequent sampling events, no concentrations of analyzed constituents were detected above laboratory reporting limits in the samples collected from the well located on Site. One laboratory report was available for review; according to that report the analytical method used for analysis of drinking water samples was EPA Method 524.2

Properties in the area surrounding the Site are also serviced by private drinking water wells. In the past five years of sampling of the private water wells, conducted by the EHHD, only the samples from the Public America gasoline station (located southwest of the subject site across Route 195); Zenny's Restaurant (located west, slightly southwest of the Site, along Route 44); and the former Exxon property (currently devoped as CVS) have contained detectable concentrations of MtBE. The analytical data table maintained by the EHHD is included in Appendix A.

3.3.2 Sanitary Waste Disposal

The Site is serviced by a septic system and leach field. Both buildings (both the former Citgo and the former Kathy John's restaurant) have underground septic tanks, with a shared leachfield which is located on the northwestern portion of the Kathy John's property.

3.4 SITE RECONNAISSANCE

ECS personnel inspected the Site on May 10, 2011. All portions of the Site were accessible at the time of inspection with the exception of the bathrooms located in the former Citgo station building.

3.4.1 Physical Characteristics

The Site property is relatively flat at an elevation of approximately 625 feet above mean sea level. The majority of the former Citgo portion of the Site is paved, with small landscaped areas located along Storrs Road and Middle Turnpike. The eastern portion of the former Kathy John's portion of the Site is paved and the western portion is occupied by the septic leachfield and a wooded/wet area. The landscaped and unpaved areas did not show signs of stressed vegetation. The pavement covering the Site was observed to be fair condition with minor staining typical of vehicle parking and traffic areas. Several catch basins are present across the Site and are utilized for controlling storm water runoff.

3.4.2 Discharge Locations

Four catch basins were observed on-Site. These catch basins are connected to the municipal storm water system. The catch basins appear to be interconnected, with an approximately 20-inch concrete outlet pipe located to the west of the septic leach field. A photograph of the outlet is included in Appendix C.

3.4.3 Dumping

No dumping was observed on-Site.

3.4.4 Stressed Vegetation and Stained Soil

Stressed vegetation and stained soil were not observed on-Site.

3.4.5 Mold

Areas of visible mold growth were not observed on-Site.

3.4.6 Environmental Permits

No environmental permits were provided by the owner or are known to exist for the Site.

3.5 POLYCHLORINATED BIPHENYLS (PCBS)

Two sets of pole-mounted single transformers were observed at the Site (one along Storrs Road and one along Middle Turnpike) and one pole mounted three-unit transformer was observed on the northeastern property boundary. No visible labeling was observed; however, no obvious indications of staining from the transformers were observed on either the poles or the ground.

3.6 RADON

According to information provided in the Environmental First Search Report (further discussed in Section

6.0), radon levels of homes tested in zip code 06268 have ranged from 1.1 to 5.5 picocuries per liter (pCi/L). The United States Environmental Protection Agency (USEPA) Radon Map of Connecticut indicates that Tolland County is located in a Zone 2, where predicted average indoor radon screening levels are 2 to 4 pCi/L.

In general, USEPA recommends abatement activities in cases where indoor radon concentrations exceed 4.0 pCi/L. Radon levels in individual buildings may vary greatly from published regional averages. No radon testing was performed as part of this assessment.

3.7 ASBESTOS CONTAINING MATERIALS (ACM)

Based on the dates of construction of the Site buildings (1960s), ACM could be present. Friable and/or suspected asbestos containing materials were not observed during the inspection. No sampling was performed to determine the asbestos content of any building materials. No representations can be made regarding the presence or absence of ACM without a comprehensive survey by a licensed inspector.

3.8 LEAD PAINT

Based on the dates of construction (1960s), lead-based paint could be present in the Site buildings. In general, the interior painted surfaces observed appeared to be intact. Lead paint testing was not performed as part of this assessment. Therefore, no representations can be made with respect to the presence or absence of lead paint without a more detailed assessment by a certified inspector.

3.9 SITE HYDROLOGY AND GEOLOGY

3.9.1 Surface Water Characteristics

A low, wet area is located on the western portion of the former Kathy John's portion the Site. A drainage outlet was observed at the western boundary of the former Kathy John's property. This outlet appears to be associated with the catch basin system located on the Site. An unnamed brook was illustrated on Site maps provided by the regional Connecticut Department of Transportation (CT DOT), on the property located to the west of the Site. This stream was not observed during the Site inspection. Cedar Swamp and Cedar Swamp Brook are located approximately 1,000 feet west of the Site.

3.9.2 Groundwater Characteristics

The Site is located in an area classified as GA by the CTDEP. Applicable CT RSR Criteria for groundwater at the Site are the GA GWPC and the RVC. The Site and surrounding area are serviced with private drinking water wells; the private well was classified as a Transient Non-Community Drinking Water Well when the Kathy John's restaurant was operational.

Groundwater at the Site was gauged at depths ranging from 3.67 feet below grade (fbg) to 4.78 fbg to May 17, 2011. A Site survey with a wellhead elevation survey was conducted on May 17, 2011, and based on the information obtained, it was determined that groundwater flow is in a west/slightly southwesterly direction. A Site plan showing the groundwater contour is included as Figure 2.

3.9.3 Geological Characteristics

According to available information, soil beneath the Site is mapped as Udorthents; which are generally classified as human-altered soils and are typical of developed areas where fill activities have been conducted.

Soils encountered during the soil boring exploration on the property consisted of four to six feet of dry, loose brown medium to fine sand with traces of gravel; brown/grey silt and traces of gravel were observed at the water table.

According to the Bedrock Geologic Map of Connecticut, the Site is underlain by the Bigelow Brook Formation, of the Paleozoic Era: Devonians and Silurian system. The Bigelow Brook Formation consists of gray, rusty-weathering, medium-grained schist with the lower Bigelow Brook Formation consisting of gray medium-grained granofels. No bedrock outcrops were observed at the Site. No bedrock was encountered during subsurface investigation activities.

3.10 OBVIOUS REGULATORY NON-COMPLIANCE

No obvious regulatory non-compliance was noted during the Site inspection. The CTDEP former case-worker for the consent order for the Site was contacted during this assessment; no information regarding compliance and/or discipline was readily available.

3.11 ADJOINING PROPERTIES

General observations of adjoining properties were performed in conjunction with the ECS Site inspection. The following uses were identified on adjoining properties.

DIRECTION	DESCRIPTION
Northwest	Residential properties along Wellington Hill Road (Route 320), with the immediate northwest comprised of wooded land.
Northeast	Undeveloped land, followed by residential properties along Middle Turnpike (Route 44)
Southeast	Middle Turnpike (Route 44), beyond which are Dick's Repair Garage (644 Middle Turnpike); a vacant commercial property (650 Middle Turnpike) which formerly operated as "Steve Rogers" and the Subway Development Corporation; and a vacant commercial property (1650 Storrs Road) which is the former B&D Package Store and Pizza Corner. A small portion of this property is currently occupied by a farm stand.
South	The "Mansfield Four Corners" intersection, beyond which is a CVS pharmacy (632 Middle Turnpike).
Southwest	Storrs Road (Route 195) beyond which is a Public America gasoline filling station/Dunkin Donuts (1659/1669 Storrs Road).

4.0 SITE HISTORY

Information pertaining to Site ownership, structures, and usage and storage of oil and/or hazardous materials was obtained through interviews with knowledgeable parties and review of Sanborn Fire Insurance Maps, historical street directories, aerial photographs, historical topographic maps and miscellaneous Site plans when such sources were readily available, and previously discussed reports.

4.1 HISTORICAL DOCUMENT REVIEWS

4.1.1 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Company maps do not provide coverage for the area of the Site. A copy of the No Coverage certificate is included as Appendix D.

4.1.2 Historical Street Directories

ECS reviewed historic street directories from the Cole Directory the years covering 1992 through 2007. The only year that the Site was listed was 2004, when 1660 Storrs Road was identified as Bates Republic.

4.1.3 Aerial Photographs

ECS reviewed copies of historic aerial photographs for the years 1941, 1969, 1974, 1985, 1991 and 2005 order to assess historic land use for the Site and its surrounding area. Copies of the aerial photographs are provided in Appendix E. A brief summary of findings of this review for the Site and its adjoining properties for the representative years is provided below:

YEAR	SUBJECT PROPERTY	ADJACENT PROPERTIES	
1941	The Site property appears to have been cleared and in use as agricultural land. The aerial photograph is of poor quality	Aerial is of poor quality, the surrounding area appears developed though primarily agricultural.	
1969	Both the 1660 Storrs Road and 643 Middle Turnpike portions of the Site appear to be developed with the current buildings.	North	Agricultural
		East	Agricultural
		Southeast	Commercial
		South	Commercial
		West	Commercial across the four corners intersection, with a large presumed residential complex farther west.
1974	The Site appears to be in its current configuration	North	Agricultural
		East	Agricultural
		Southeast	Commercial
		South	Commercial
		West	Commercial
1985	The Site appears to be in its	North	Undeveloped

YEAR	SUBJECT PROPERTY	ADJACENT PROPERTIES	
	current configuration	East	Agricultural
		Southeast	Commercial
		South	Commercial
		West	Commercial
1991 and 2005	The Site appears to be in its current configuration	North	Current configuration (with the exception of the CVS, to the west, which is only shown on the 2005 aerial).
		East	
		South	
		West	

4.1.4 Historical Topographic Maps

ECS reviewed copies of historical topographic maps from 1892, 1944, 1948, 1953 and 1983 for the Tolland/Coventry area. Copies of topographic maps are included as Appendix F. Details of the findings are listed below:

YEAR	SUBJECT PROPERTY	SURROUNDING AREA	
1892, 1944, 1948 and 1953	Site does not appear developed	North	No development indicated to the north and south. Buildings are depicted along Route 195 to the west and southwest; and along Route 44 to the west and east.
		East	
		South	
		West	
1983	Site appears developed to its current extent.	North	Surrounding area appears developed in approximately its current configuration.
		East	
		South	
		West	

4.1.5 Other Historical Information

Town of Manfields Assessor's records indicate that the current Site buildings were constructed in 1964 (1660 Storrs Road) and 1968 (643 Middle Turnpike). Building department records collaborate that both these constructions were the original permitted structures on the Site.

4.2 SUMMARY OF SITE AND AREA HISTORY

Based on the above-referenced sources, it appears that the Site was utilized as agricultural land in the 1940s. The 1660 Storrs Road portion of the Site was first developed as a service garage/gasoline filling station in 1964; and the 643 Middle Turnpike portion of the Site was first developed as the Kathy John's restaurant. The service station portion of the Site was upgraded in circa 1990, with the removal and replacement of the Site USTs (with the exception of the 1,000-gallon fuel oil UST which was removed from the Kathy John's parcel in 1997). Both portions of the Site have been vacant since circa 2008. The area surrounding the Site has historically consisted of primarily residential and commercial properties. Several of the commercial properties that have operated in the vicinity of the Site have included vehicle service and gasoline dispensing. These facilities have operated at locations that are downgradient or cross-gradient to the Site, and are not expected to have impacted the Site; with the exception of the properties located at 650 Middle Turnpike (former Steve Rogers/Subway Development Corporation), and 644 Middle Turnpike (Dick's Repair Garage) which are at upgradient locations.

5.0 REGULATORY INFORMATION

ECS obtained a commercial environmental database search from FirstSearch™ Technology Corporation (FSTC). A copy of the database search is provided in Appendix G.

5.1 GOVERNMENT RECORDS PERTAINING TO THE SITE

5.1.1 FirstSearch Report

The Site is not listed on the National Priority List (NPL), Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS), No Further Response Actions Planned (NFRAP), Solid Waste Landfill (SWL), Resource Conservation and Recovery Act (RCRA), RCRA Treatment, Storage and Disposal Facilities (RCRA TSDF), RCRA Corrective Actions (RCRA CORRACTS), RCRA No Longer Regulated (RCRANLR), State or Federal Institutional Control/Engineering Control (IC/EC), Connecticut Voluntary Cleanup Program (CT VCP), CT IC Brownfield, and/or Property Transfer databases.

The Site was listed on the spills, state, LUST and registered UST tank databases.

UST Database

The UST database (I.D. #1208) identifies the following USTs in use at the Site:

1.) (1) 8,000-gallon, coated and cathodically protected steel gasoline UST: Installed in July 1990.

2.) (1) 8,000-gallon, coated and cathodically protected steel gasoline UST: Installed in July 1990.

3.) (1) 8,000-gallon, coated and cathodically protected steel gasoline UST: Installed in July 1990.

4.) (1) 4,000-gallon, coated and cathodically protected steel diesel UST: Installed in July 1990.

According to the FSTC report, six USTs have been removed from the Site:

5.) (1) 8,000-gallon steel gasoline UST: Installed in 1972, removed in April 1990.

6.) (1) 4,000-gallon, steel gasoline UST: Installed in 1976, removed in April 1990.

7.) (1) 4,000-gallon, steel diesel UST: Installed in 1971, removed in April 1990.

8.) (1) 4,000-gallon, steel gasoline UST: Installed in 1971, removed in April 1990.

9.) (1) 4,000-gallon, steel gasoline UST: Installed in 1971, removed in April 1990.

10.) (1) 2,000-gallon, steel gasoline UST: Installed in 1971, removed in April 1990.

Spills Database

The FSTC report identified three spills associated with the Site.

- Spill #94-4242: The Site name is identified as the State of Connecticut Department of Public Works, but addressed as 1660 Storrs Road. The FSTC report describes the case as an "inground tank failure", assigned in August 1994. The case is noted as referred to the LUST department. According to the FSTC report, the case is closed.

- Spill #92-4270: The Site is identified as Republic Oil, but is geocoded by FSTC to the southwest of the actual Site. The FSTC report describes the case as an overfilling of three gallons of diesel fuel on August 26, 1992; speedi-dri was applied to the release and removed. According to the FSTC report, the case is closed.

- Spill #97-3067: This case refers to the June 1997 removal of the former 1,000-gallon fuel oil UST, with the associated removal of three cubic yards of impacted soils. This case is closed.

State Database

The FSTC report identified the Site status as "suspected", under Case #2355. The FSTC report indicates that the CTDEP Potable Water Program (PWP) was overseeing quarterly monitoring of an area affected with non-chlorinated volatile organic compounds. The Site property falls within the area monitored by the PWP.

LUST Database

The FSTC Database identified five LUST results for the Site.

- The former Kathy John's portion of the Site was listed on the LUST database under Case #97-3067/#33107. This case refers to the removal of the former 1,000-gallon fuel oil UST, with the associated removal of three cubic yards of impacted soils. This case is closed.

- The former Citgo portion of the Site was listed in the LUST database with cases: 1323-1327, 28414, 2692, 30512 and 1321:

    - Cases #1323-1327 refer to the removal of five 2,000 to 8,000-gallon gasoline/diesel fuel USTs, reported on March 29, 1990. The FSTC report detailed that the tanks were removed, and had exhibited uncontrolled releases. The selected remediation was soil removal, but the actions were not complete.

    - Cases #2692 and #30512 refers to the removal of one 2,000 steel UST on March 28, 1990. The FSTC report detailed that the tank exhibited an uncontrolled release. No further information was included, but it is believes that this UST was also referred to in the above-mentioned cases 1323-1327.

    - Cases #1321 and #28414 refers to the removal of one 275-gallon, steel waste oil UST, on September 26, 1989. The FSTC report detailed that the UST was removed, and had exhibited uncontrolled releases. The selected remediation was soil removal, but the actions were not complete.

5.2 FIRSTSEARCH ADJOINING AND SURROUNDING PROPERTY DATABASE LISTINGS

Four facilities were identified within approximately 500 feet of the Site: the former Exxon facility (currently CVS) at 632 Middle Turnpike; the former Storrs Automotive (currently Public America/Dunkin Donuts) at 1659 Storrs Road; the former Steve Rogers (currently vacant) at 650 Middle Turnpike; and the Rosal Apartments located at 611 Middle Turnpike.

- 632 Middle Turnpike: This facility is listed in the UST, Spills, State, LUST and RCRA Generators and RGRA No Longer Regulated databases. According to the FSTC report, nine USTs have been removed from this property, and no USTs are currently registered there. Based on the information provided, it appears that one set of USTs were installed at this facility in 1969 and subsequently removed in 1989. In 1989 a second set of USTs were installed; several of these USTs were removed in 1996, when the property was purchased by Alliance Energy. Three spills have been reported to the CTDEP for this facility. The FSTC report lists each as "Closed". This facility is reported in the LUST database for gasoline released from a UST. According to the FSTC report, a consultant has been bailing and sampling since 1996, but no free product has been observed. The LUST case is listed as "Closed". This facility is also listed in the State database as a "suspected" location of non-chlorinated volatile organic compounds; hydrocarbons and/or fuel oil, the report references consent order WC-5052. This facility was listed in the RCRA Generators and No Longer Regulated databases (I.D. # CTD983876962), for the generation of 100-1,000 kilograms per month of hazardous waste (benzene). No violations were reported for I.D.# CTD983876962, and it is no longer regulated. This facility (as the CVS) is currently registered as a small quantity generator (I.D. #CTD000007625) for the generation of 100-1,000 kilograms per month of hazardous waste (silver). No violations are reported. This facility is located crossgradient of the Site.

- 650 Middle Turnpike: This facility is listed in the Spills and LUST databases. According to the FSTC report, one 1,000-gallon steel No. 2 fuel oil UST was removed from this property in October 1994. Impacted soil was encountered during the UST removal, but was accredited to the know release at the Site which is the subject of this report. The case is listed as "Closed". This facility is located cross-gradient of the Site.

- 611 Middle Turnpike: This facility is listed in the Spills and LUST databases for a chronic leak in a 3,000/5,000-gallon fuel oil UST (conflicting reports of UST size). The UST was removed in September 1989. The case is listed as "Closed". This facility is located upgradient of the Site.

- 1659 Storrs Road: This facility is listed in the UST and LUST databases. According to the FSTC report, three 10,000-gallon gasoline double-walled, fiberglass reinforced plastic (DWFRP) USTs, installed in 1999, are currently in use at this facility. In 1966, the following USTs were installed at this facility: Three 5,000-gallon steel gasoline USTs, one 6,000-gallon steel gasoline UST, one 550-gallon fuel oil UST and one 550-gallon used oil UST; one 2,000-gallon steel diesel UST was installed in September 1984. These USTs were removed in January 1988. The LUST report indicates that Cases #1317 through 1320, assigned for the removal of USTs in currently not complete. The status is reported as not closed. This facility is located crossgradient of the Site.

  On-going sampling by the EHHD indicates that VOCs are present in water samples collected from the potable water well for this facility.

5.3 CONNECTICUT TRANSFER ACT

The Connecticut Transfer Act (Sections 22a-134 through 22a-134e, of the Connecticut General Statutes (CGS) in conjunction with Public Acts 07-81 and 07-233) places requirements on one or more parties to the transfer of an "Establishment". An Establishment is defined as a business or real property on which one or more of the following has occurred:

- more than 100 kilograms (kg) of hazardous waste has been generated in any calendar month after November 1980, except as a result of remediation of polluted soil, groundwater or sediment,

- hazardous waste generated "at another location" (in any quantity) has been transported, stored, staged, treated, discharged, disposed of, recycled or otherwise managed,

- dry cleaning, furniture stripping, or vehicle body repair have been performed after May 1, 1967.

A search for waste disposal documentation was performed of the Connecticut Hazardous Waste Manifest Database. One record was found that indicated hazardous waste had been transported from the Site, a copy of the summary report is included in Appendix A. This record, from April 18, 1989, indicated that 2,206 gallons of waste flammable liquids were transported from the Site to United Oil Recovery, Inc. in Meriden, CT. This record suggests that the Site could meet the definition of an "Establishment" in accordance with the Transfer Act; however, it will be necessary for the Site owner to produce the waste documentation to review in order to make this determination.

6.0 SUBSURFACE INVESTIGATION

ECS performed a subsurface investigation at the Site between May 13, 2011 and May 17, 2011. Subsurface investigation activities were performed in accordance with ECS Standard Operating Procedures (SOPs). A copy of relevant SOPs is included as Appendix H. The subsurface investigation was primarily performed at the former Citgo portion of the Site, and consisted of: the advancement of 12 soil borings (SB-1 through SB-12) four of which were completed as two-inch diameter groundwater monitoring wells (ECS-1 though ECS-4); soil sampling and analysis, groundwater gauging, sampling and analysis; Site survey; and slug testing for hydraulic conductivity. Soil borings SB-1, SB-2 (ECS-1) and SB-9 were advanced in the general vicinity of a proposed new UST installation area; soil borings SB-3 (ECS-2) and SB-8 were advanced in the general vicinity of a proposed new dispenser island area; soil boring SB-4 was advanced downgradient of the existing UST area; soil boring SB-5 was advanced downgradient of the former waste oil and fuel oil USTs and septic tank; soil boring SB-6 (ECS-4) was advanced downgradient of the former 1,000 fuel oil UST; soil boring SB-7 (ECS-3) was advanced downgradient of the former dispenser island on the western portion of the former Citgo property; SB-10 was advanced between the existing USTs and the service station building (this boring was not advanced beyond 3 fbg due to the presence of 0.75-inch angular gravel); soil boring SB-11 was advanced downgradient of the septic leach field; and SB-12 was advanced at the downgradient edge of the Site. Soil boring logs are included in Appendix I.

On May 13, 2011 and May 16, 2011, ECS was on Site to pre-clear 12 soil borings (SB-1 through SB-12), each to a depth of 5 fbg. Soil boring locations were pre-cleared using a vactor truck operated by Geosearch Inc. Environmental Contractors (Geosearch). On May 16 and May 17, 2011, each soil boring was advanced from five feet using a hollow stem auger drill rig, operated by Geosearch. Each soil boring was advanced to a depth of 12 fbg, with the exception of SB-9, which was advanced to a depth of 22 fbg.

Soil samples were collected at five-foot intervals in two-foot split spoon samplers. Soil samples were field screened for TOVs using a PID. No TOVs were detected in soil sampled collected and screened from borings SB-1, SB-2 (ECS-1), SB-9, SB-10, SB-11 and SB-12. TOVs were detected at a range of concentrations in soil samples from: SB-3/ECS-2 (11.9 ppm to 908 ppm); SB-4 (9.7 ppm to 561 ppm); SB-5 (0.2 ppm to 6.2 ppm); SB-6/ECS-4 (0.4 ppm to 2.5 ppm); SB-7/ECS-3 (9.1 to 827 ppm); and SB-8 (5.7 ppm to 22.9 ppm). Based on field screening results and location, 20 soil samples were selected and submitted for laboratory analysis of one to all of the following parameters: VOCs via USEPA Method 8260B, semi-volatile organic compounds (SVOCs) via USEPA Method 8270C, Extractable TPH (ETPH) via the CTDEP ETPH Method, PCBs via USEPA Method 8082, the synthetic precipitation leaching procedure (SPLP) RCRA 8 metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) via Methods 6010B, 7470A, total chromium via USEPA Method 6010B and/or total mercury via USEPA Method 7471A.

Soil analytical reports are summarized in Tables 1A and 1B. Copies of laboratory analytical reports are included as Appendix J. Concentrations of the VOCs n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, naphthalene, ethylbenzene, and/or xylenes were reported as detected in soil samples from borings SB-3 (5-7 fbg), SB-4 (5-7 fbg) and SB-7 (4 fbg). None of the concentrations exceeded applicable RSR Criteria, where Criteria have been established, with the exception of the concentrations of naphthalene, ethylbenzene and xylenes, detected in the 4-foot interval sample from soil boring SB-7 which exceeded the GA PMC.

Concentrations of ETPH were reported in the soil samples SB-2 (2 fbg), SB-3 (4 fbg), SB-7 (4 fbg and 5-7 fbg), and SB-9 (2 fbg). ETPH was detected at concentrations ranging from 84 mg/Kg to 210 mg/Kg. None of the concentrations detected exceed the applicable RSR Criteria.

Six soil samples were submitted for laboratory analysis of PCBs; two discreet soils samples (SB-4, 5-7 foot interval and SB-5, 5-7 foot interval) and four 0-12 foot composite samples (SB-1, SB-3 (ECS-2), SB-8 and SB-9). Concentrations of PCBs were not detected above the laboratory reportable detection limits (RDLs) in any of the samples submitted for analysis. The RDLs for PCBs in the soil samples were below the Residential Direct Exposure Criteria (RDEC) of 1 mg/Kg.

Four selected 0-12 foot composite soil samples, from soil borings SB-1, SB-3 (ECS-2), SB-8 and SB-9, were submitted for laboratory analysis of SPLP RCRA 8 metals, total chromium and total mercury. For each soil sample submitted, the laboratory RDLs for SPLP barium, cadmium, chromium, silver and lead exceeded the GA PMC. Only SPLP cadmium was detected at a concentration above the laboratory RDL, in the sample from boring SB-3 (ECS-2); the concentration of 0.26 mg/L exceeds applicable GA PMC. No concentrations of total mercury were detected above the laboratory RDLs. Total chromium was detected in each of the four soil samples, at concentrations ranging from 7.0 mg/L to 25.0 mg/L; none of the concentrations detected exceed the RDEC.

On May 28, 2011, ECS returned to the Site to perform a Site survey. Data from the survey was used to generate groundwater contours for the Site. Based on the information obtained groundwater flow at the Site is to the west, slightly southwest.

ECS gauged and sampled wells ECS-1 through ECS-4; wells MW-1, MW-2, MW-4, MW-5S, MW-5D and MW-6. Groundwater samples were collected using low-flow sampling techniques according to ECS SOPs. A groundwater sample from each well was submitted for laboratory analysis of VOCs and ETPH. The groundwater samples from wells ECS-4 and MW-2 were also submitted for laboratory analysis of PCBs.

Groundwater analytical results are summarized in Table 2. Groundwater sampling logs are included in Appendix I. A copy of the laboratory analytical report is included in Appendix J. No concentrations of ETPH were detected above the laboratory RDL in the samples from wells ECS-1, ECS-4, MW-1, MW-2, MW-4, MW-5S, MW-5D or MW-6. The groundwater samples from wells ECS-2 and ECS-3 contained 1,500 µg/L and 2,700 µg/L of ETPH, respectively. These concentrations exceed the applicable RSR GWPC of 500 µg/L. No detectable concentrations of VOCs were reported in the groundwater samples collected from wells ECS-1, ECS-4, MW-2, MW-5S, MW-5D or MW-6. The groundwater sample from wells ECS-2, MW-1 and MW-4 contained detectable concentrations of VOCs. None of the concentrations detected exceed applicable RSR Criteria; however, the RDL for benzene in the sample from well ECS-2 exceeds the applicable GWPC. PCBs were not detected above the laboratory RDL.

On May 17, 2011, variable-head slug tests, performed for the purpose of estimating the hydraulic conductivity of saturated materials in the subsurface of the Site, were conducted in groundwater monitoring wells ECS-1, ECS-2, and MW-2. The wells were selected to calculate groundwater seepage velocity at the Site within the general vicinity of the proposed UST and dispenser island locations. The slug tests were performed according to protocols for hydraulic conductivity testing found in Appendix H and summarized in the following text.

Prior to the test, the static water level was measured in each monitoring well. An electronic pressure transducer was then lowered into the well to monitor water level changes during the test. A PVC bailer was then lowered into the well and the water level was monitored with the transducer until equilibration occurred. A column of water was quickly removed from the well with the PVC bailer. The rate of water level recovery

was then monitored with the pressure transducer operated by a computer-controlled electronic data logger. The data logger/pressure transducer system is capable of measuring changes in water level of 0.01 foot, at intervals of 2 seconds or more. At a minimum, duplicate tests were performed on each well tested. Slug test data were reduced following the method of Bouwer and Rice (1976) and Bouwer (1989), and Yang and Gates (1997) to estimate the hydraulic conductivity of the aquifer materials in the vicinity of each monitoring well.

The overall hydraulic gradient of the unconfined shallow aquifer within the area tested is approximately 0.016 feet/foot. These hydraulic gradients were based on water table elevation measurements collected on May 17, 2011.

Hydraulic Conductivity of Aquifer Materials

On May 17, 2011, variable-head slug tests were conducted in monitoring wells ECS-1, ECS-2, and MW-2 for the purpose of estimating the hydraulic conductivity of saturated materials in the subsurface of the Site in select locations. Results of slug test analyses are summarized in Table 3. The estimated values of hydraulic conductivity were calculated utilizing the geometric mean of the two to three replicate variable-head slug tests at each well location.

The estimated average of hydraulic conductivity for the shallow aquifer is 0.76 $feet^3/feet^2$/day (or feet per day [fpd]).

Porosity

The porosity of granular materials is the ratio of the volume of void spaces of a given sample to the total volume of the sample. The porosity of the aquifer materials beneath the Site was not measured during this investigation. The porosity of materials present on the Site may be estimated from published values of porosity for similar materials (Dominico and Schwartz, 1990). Effective porosity for dense gravely to fine sand is 0.40 (unitless).

Groundwater Seepage Velocity

The average seepage velocity of groundwater beneath the Site can be estimated by a form of Darcy's Law as expressed below:

$$V_s = Ki/n$$

Where:

V_s = average groundwater seepage velocity
K = hydraulic conductivity of aquifer materials
i = hydraulic gradient
n = effective porosity of the aquifer materials

The results of the hydraulic conductivity testing are summarized in Table 3. Results indicate an estimated groundwater seepage velocity of 0.0.0296 fpd in the vicinity of well ECS-1 and 0.0306 fpd in the vicinity of wells ECS-2 and MW-2. Well ECS-1 is located in the general vicinity of the proposed UST area and wells ECS-2 and MW-2 are located in the general vicinity of the proposed dispenser island area. The average groundwater seepage velocity for the shallow aquifer on the Site, based on the estimated values, is approximately 11 feet per year (fpy).

7.0 CONCLUSIONS

ECS has completed an ESA and Subsurface Investigation of the property identified as 1660 Storrs Road and 643 Middle Turnpike in Mansfield, Connecticut. The assessment included a review of previous reports prepared for the properties, a site inspection, review of State and local files and a subsurface investigation. Based on research performed for the ESA, the Site was utilized as agricultural land in the 1940s. The 1660 Storrs Road portion of the Site was first developed as a service garage/gasoline filling station in 1964; and the 643 Middle Turnpike portion of the Site was first developed as the Kathy John's restaurant.

The service station portion of the Site was upgraded in circa 1990, with the removal and replacement of the Site USTs (with the exception of the 1,000-gallon fuel oil UST which was removed from the Kathy John's parcel in 1997). Both portions of the Site have been vacant since circa 2008. There are two inground hydraulic lifts remaining within the former service station.

The results of previous and current subsurface investigations at the Site indicate that soil and groundwater impacts are present at concentrations in excess of applicable RSR Criteria.

Historical investigations, performed by Pennoni and Sovereign indicated the presence of benzene, at concentrations exceeding applicable Criteria, in groundwater samples from well MW-2 which is located downgradient of the existing USTs and northern portion of the existing dispenser island.

Soil analytical results from the ECS investigation indicate the presence of the VOCs naphthalene, ethylbenzene and xylenes at concentrations above the applicable RSR Criteria in soils from boring SB7/ECS-3 (adjacent to the downgradient side of a former dispenser island). The groundwater sample collected from well ECS-3 contained concentrations of VOCs; the concentrations of benzene, ethylbenzene and xylenes were detected above applicable RSR Criteria. Additionally, the concentration of ETPH detected in the groundwater sample from well ECS-3 was above the applicable RSR Criteria.

No VOCs or ETPH were detected in soil samples (above or within the groundwater table) from boring SB-3/ECS-2, which is located downgradient of the current dispenser island and the former gasoline USTs, at concentrations above the applicable RSR Criteria; however, ETPH in the groundwater sample from well ECS-2 was detected at a concentration exceeding applicable RSR Criteria. VOCs were detected in the sample from well ECS-2, but none of the concentrations exceeded applicable Criteria.

One record was identified which could indicate that the Site would meet the definition of an "Establishment" in accordance with the Transfer Act; however, it will be necessary for the Site owner to produce the waste documentation to review in order to make this determination.

8.0 REFERENCES

8.1 RESOURCES CONSULTED

1. *Surficial Material Map of Connecticut*, Janet Radway Stone, et al, 1992

2. *Water Quality Classifications, Connecticut River, South Central Coastal Basins, Connecticut Map*, Connecticut Department of Environmental Protection, adopted 1993, updated through April 2006.

3. *Bedrock Geologic Map of Connecticut*, John Rodgers, 1985

4. Federal Emergency Management Agency *Flood Insurance Rate Maps*

5. *FirstSearch™ Technology Corporation Environmental Database Report*; dated April 28, 2011, which includes references for historical aerial photographs and topographical maps.

8.2 AGENCIES CONTACTED

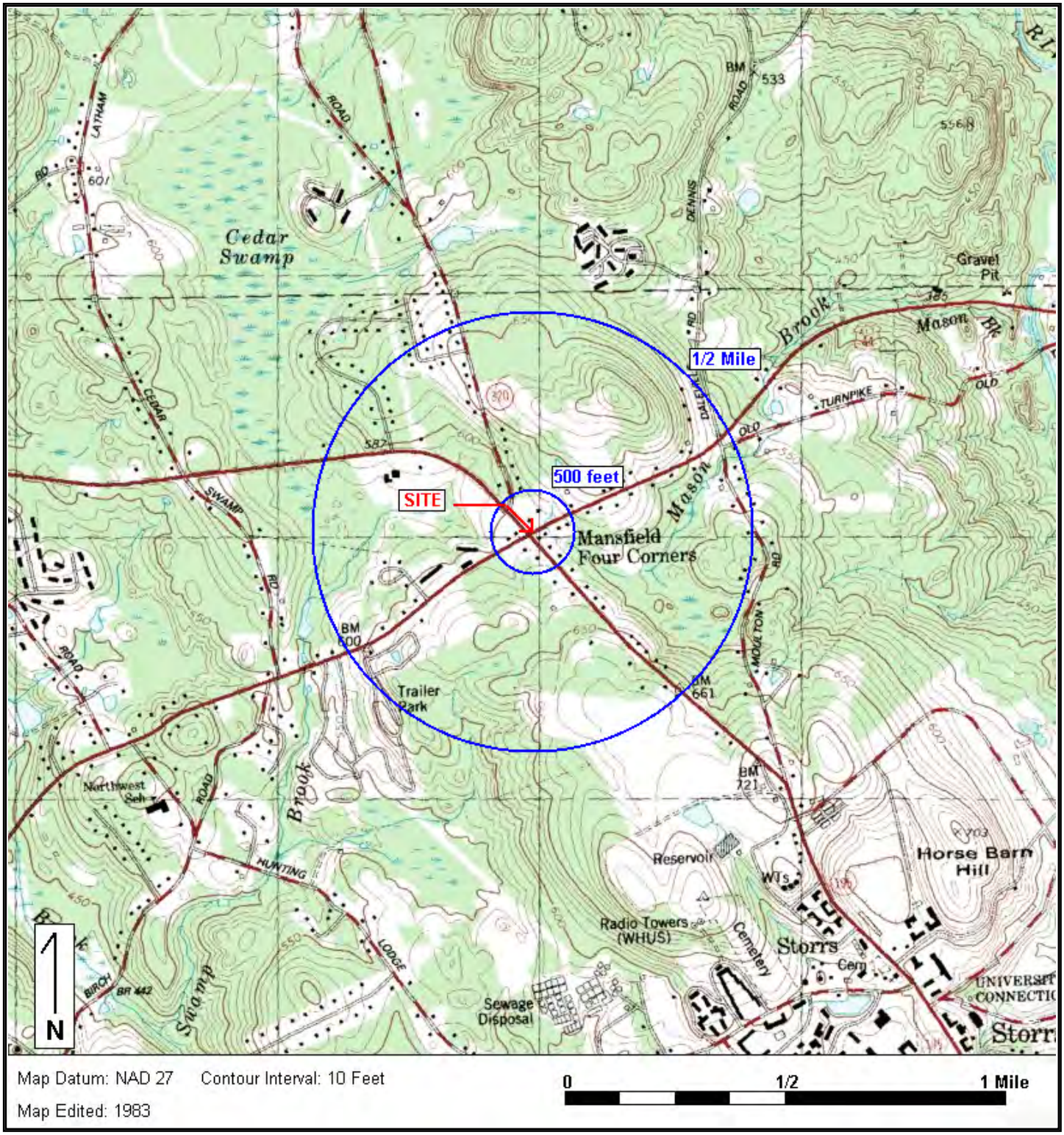
Mansfield Building Department
Mansfield Planning & Zoning Office
Mansfield Engineering Office
Mansfield Fire Marshal Office
Mansfield Town Clerk
MansfieldTax Assessor
Eastern Highland Health Department
Connecticut Department of Public Health
Connecticut Department of Transportation
CTDEP Underground Storage Tank Program
CTDEP Hazardous Manifest Database

FIGURES

Environmental Compliance Services, Inc.
588 Silver Street
Agawam, MA 01001
Phone 413.789.3530 Fax 413.789.2776
www.ecsconsult.com

CT-Acquisition-Mansfield-1660 Storrs Road
1660 Storrs Road
Mansfield, CT 06268

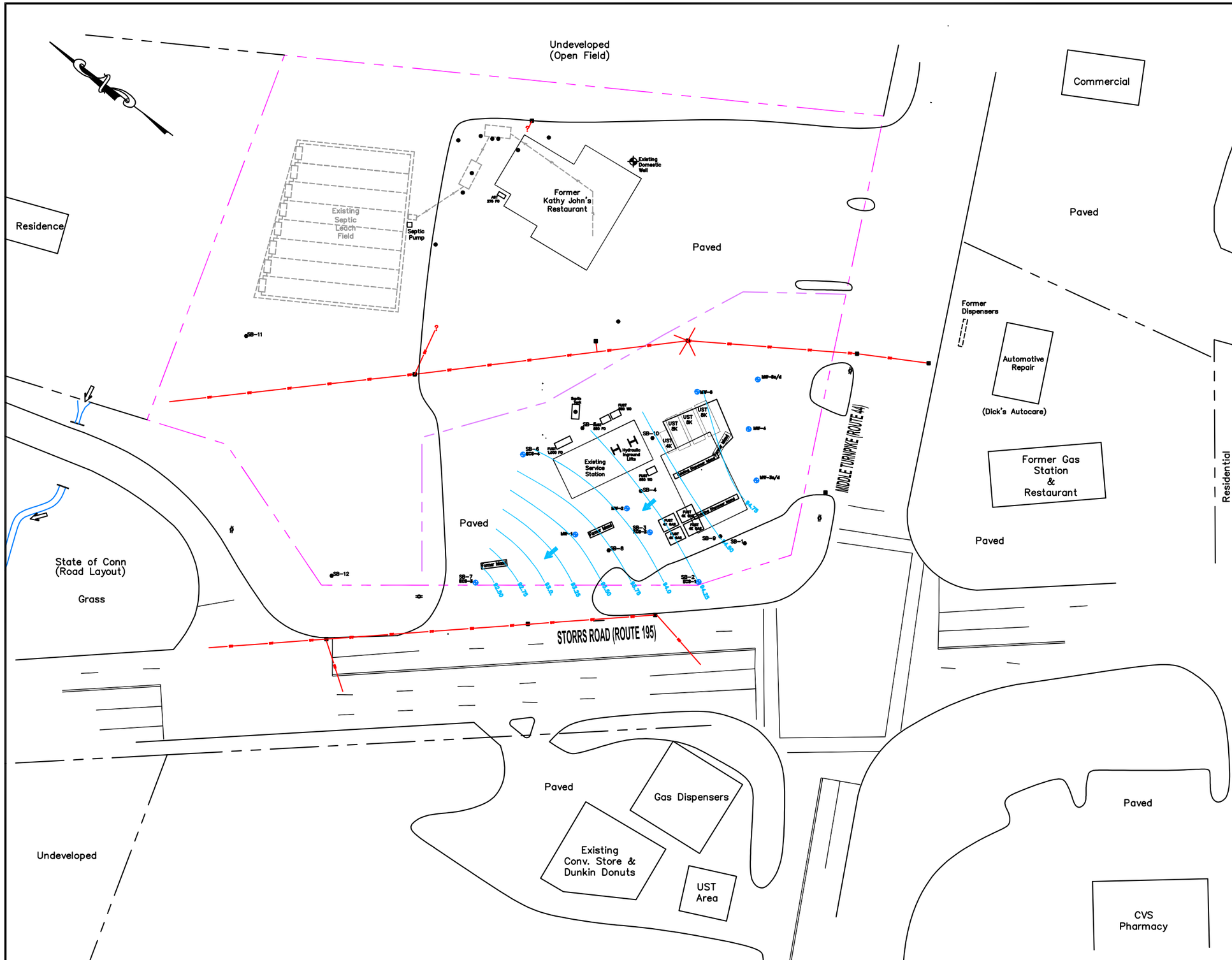
Figure 1: SITE LOCUS



Base Map: U.S. Geological Survey; Quadrangle Location: Coventry, CT

Lat/Lon: 41° 49' 39" NORTH, 72° 15' 59" WEST - UTM Coordinates: 18 727010.06 EAST / 4634237.0 NORTH

Generated By: Rick Starodoj



Legend

- Approximate Property Line
- SS — Sanitary Sewer Line
- SW — Storm Sewer Line
- W — Water Line
- NG — Natural Gas Line
- OE — Overhead Electric Line
- MH — Manhole
- Catchbasin
- Utility Pole
- Soil Boring
- Monitoring Well
- Domestic Well
- ECS–1 Well I.D.

General Notes:

Plan prepared from information obtained from CFI supplied historic plans and field observations by ECS personnel.

All locations, dimensions, and property lines depicted on this plan are approximate. This plan should not be used for construction or land conveyance purposes.

ecs

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PROJECT:
1660 Storrs Road (Route 195) & 643 Middle Turnpike (Route 44)
Mansfield, Connecticut

TITLE:
Site Plan with Groundwater Contours

CLIENT:
Cumberland Farms, Inc.

GRAPHIC SCALE: 60 30 0 30 60

COMPUTER CADFILE : 216075e.dwg

DRAWN BY:	DESIGNED BY:	CHECKED BY:	APPROVED BY:
RAS	AA	AA	AR
SCALE:	DATE:	JOB NO.:	FIGURE NO.:
1" = 60'	5/26/11	216075	2

TABLES

Table 1A
Concentrations of Volatile Organic Compounds (VOCs), Extractable Total Petroleum Hydrocarbons (ETPH), and Polychlorinated Biphenyls (PCBs) Detected in Soil Samples

1660 Storrs Road in Mansfield, CT

Sample Location	**SB-1**	**SB-1**	**SB-2**	**SB-2**	**SB-3**	**SB-3**	**SB-4**	**SB-5**	**SB-6**	**SB-7**	**SB-7**	**SB-8**	**SB-8**	**SB-9**	**SB-9**	**SB-11**	**CTDEP Remediation Standards**	
Sampling Date	5/12/2011	5/16/2011	5/12/2011	5/13/2011	5/12/2011	5/13/2011	5/16/2011	5/16/2011	5/13/2011	5/13/2011	5/13/2011	5/16/2011	5/16/2011	5/12/2011	5/16/2011	5/13/2011		
Depth below grade (feet)	2	5-7	2	5-7	4	5-7	5-7	5-7	5-7	4	5-7	5-7	10-12	2	5-7	4	**RDEC**	**GA PMC**
Total Organic Volatiles (ppm)	BDL	BDL	BDL	BDL	908	68.1	561	6.2	2.5	827	51.7	22.9	5.7	BDL	BDL	BDL		
Volatile Organic Compounds by Method 8260B Soil (mg/Kg)																		
n-Propylbanzene	<0.270	<0.290	<0.280	<0.260	<0.330	0.340	<0.250	<0.310	<0.310	17.0	<0.270	<0.250	<0.300	<0.280	<0.250	<0.330	*NE*	*NE*
1,3,5-Trimethylbenzene	<0.270	<0.290	<0.280	<0.260	<0.330	0.540	<0.2500	<0.310	<0.310	32.0	<0.270	<0.250	<0.300	<0.280	<0.250	<0.330	*NE*	*NE*
1,2,4-Trimethylbenzene	<0.270	<0.290	<0.280	<0.260	<0.330	1.80	0.740	0.830	<0.310	95.0	<0.270	<0.250	<0.300	<0.280	<0.250	<0.330	*NE*	*NE*
Naphthalene	<0.270	<0.290	<0.280	<0.260	<0.330	0.370	0.300	<0.310	<0.310	**12.0**	<0.270	<0.250	<0.300	<0.280	<0.250	<0.330	1,000	5.6
Ethylbenzene	<0.270	<0.290	<0.280	<0.260	<0.330	<0.270	0.027	0.540	<0.310	**21.0**	<0.270	<0.250	<0.300	<0.280	<0.250	<0.330	500	10.1
Total Xylenes	<0.540	<0.580	<0.560	<0.520	<0.660	<0.540	0.950	2.00	<0.310	**50.0**	<0.540	<0.500	<0.600	<0.560	<0.500	<0.330	500	19.5
ETPH by CT ETPH Method (mg/Kg)																		
Total Petroleum Hydrocarbons	<61.0	<65.0	95.0	<67.0	84.0	<67.0	<66.0	<70.0	<70.0	210.0	120.0	<65.0	<66.0	91.0	<69.0	<71.0	500	500
PCBs by Method 8082 (mg/Kg)																		
PCBs	NA	NA	NA	NA	NA	NA	<0.087	<0.110	NA	NA	NA	NA	NA	NA	NA	NA	1.0	NE

NE = None Established
NA = Not Analyzed for this particular parameter
RDEC = Residential Direct Exposure Criteria
ppm = parts per million
BDL = Below Instrument Detection Limit
GA PMC = Pollutant Mobility Criteria
mg/Kg = milligrams per Kilogram

Table 1B
Concentrations of Semi- Volatile Organic Compounds (SVOCs),
Synthetic Precipitation Leachate Procedure (SPLP) Resource Conservation and Recovery Act (RCRA) 8 Metals,
and Polychlorinated Biphenyls (PCBs) Detected in Composite Soil Samples.
1660 Storrs Road in Mansfield, CT

Sample Location	**SB-1 Comp**	**SB-3/ECS-2 Comp**	**SB-8 Comp**	**SB-9 Comp**	**CTDEP Remediation Standards**	
Sampling Date	5/16/2011	5/16/2011	5/16/2011	5/16/2011		
Depth below grade (feet)	0-12'	0-12'	0-12'	0-12'	**RDEC**	**GA PMC**
Semi-Volatile Organic Compounds by Method 8270C Soil (mg/Kg)						
Various	ND	ND	ND	ND	*Various*	*Various*
SPLP RCRA 8 Metals (mg/L)						
Arsenic	<0.3	<0.3	<0.3	<0.3	*NE*	0.05
Barium	**<2.0**	**<2.0**	**<2.0**	**<2.0**	*NE*	1
Cadmium	**<0.05**	**0.26**	**<0.05**	**<0.05**	*NE*	0.005
Chromium (total)	**<0.1**	**<0.1**	**<0.1**	**<0.1**	*NE*	0.05
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	*NE*	0.002
Silver	**<0.1**	**<0.1**	**<0.1**	**<0.1**	*NE*	0.036
Lead	**<0.3**	**<0.3**	**<0.3**	**<0.3**	*NE*	0.015
Selenium	**<0.3**	**<0.3**	**<0.3**	**<0.3**	*NE*	0.05
Total Metals (mg/Kg)						
Chromium (total)	25.0	12.0	7.0	14.0	100	*NE*
Mercury (total)	<0.018	<0.019	<0.018	<0.018	20	*NE*
PCBs by Method 8082 (mg/Kg)						
PCBs	<0.091	<0.087	<0.088	<0.087	1.0	0.0005 mg/L

NE = None Established

ND = None Detected

mg/Kg = milligrams per Kilogram mg/L = milligrams per Liter

Table 2
Concentration of Volatile Organic Compounds, Total Petroleum Hydrocarbons and
Polychlorinated Biphenyls in Groundwater samples

Well ID/Depth	Sampling Date	Depth to Water (feet)	MtBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (Mixed Isomers) (µg/L)	Isopropylbenzene (µg/L)	n-propylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)	tert-butylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	sec-Butylbenzene (µg/L)	4-Isopropyltoluene (µg/L)	Naphthalene (µg/L)	ETPH (µg/L)	PCBs (µg/L)
GA GWPC			**100**	**1**	**1,000**	**700**	**530**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**280**	**500**	**0.5**
SWPC			**NE**	**710**	**4,000,000**	**58,000**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**0.5**
RES VC			**50,000**	**215**	**23,500**	**50,000**	**21,300**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
ECS-1	05/17/11	4.63	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	NA
ECS-2	05/17/11	3.93	<5.0	**<5.0**	<5.0	97.0	182.0	49.0	170.0	220.0	<5.0	760.0	15.0	5.4	27.0	**1,500**	NA
ECS-3	05/17/11	3.67	<25.0	**170.0**	44.0	**1100.0**	**2253.0**	74.0	200.0	290.0	<25.0	900.0	<25.0	<25.0	220.0	**2,700**	NA
ECS-4	05/17/11	4.14	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<0.2
MW-1	05/17/11	3.95	<0.50	<0.50	<0.50	4.4	1.1	4.6	14.0	7.0	<0.50	27.0	0.77	<0.50	1.8	<100	NA
MW-2	05/17/11	4.13	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	<0.2
MW-4	05/17/11	4.45	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	1.0	<0.50	2.5	<0.50	<0.50	<100	NA
MW-5S	05/17/11	4.44	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	NA
MW-5D	05/17/11	4.78	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	NA
MW-6	05/17/11	4.23	0.72	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<100	NA

Notes: Bold and Shaded values indicate an exceedence of applicable criteria
(µg/L) = micrograms per Liter
NA = Not Analyzed for particular compound. ND = Not Detected.
GA GWPC = GA Groundwater Protection
SWPC = Surface Water Protection Criteria
RES VC = Residential Groundwater Volatization Criteria

NS = Not sampled
ND = Not detected
NA = Not analyzed for parti

Table 3
Groundwater Seepage Velocity Calculations
1660 Storrs Road
Mansfield, CT

LOCATION	HYDRAULIC CONDUCTIVITY (FT/DAY)	HYDRAULIC GRADIENT(FT/FT)	POROSITY (n) (Unitless)	GROUNDWATER SEEPAGE VELOCITY(FT/DAY	
ECS-1	0.74	0.016	0.4	0.030	New UST Area
ECS-2	0.98	0.016	0.4	0.039	New Dispenser Island Area
MW-2	0.55	0.016	0.4	0.022	
Average Daily Groundwater Seepage Velocity - New UST Area (Ft/Day)				0.0296	
Average Yearly Groundwater Seepage Velocity - New UST Area (Ft/Yr)				10.804	
Average Daily Groundwater Seepage Velocity - New Dispenser Island Area (Ft/Day)				0.0306	
Average Yearly Groundwater Seepage Velocity - New Dispenser Island Area (Ft/Yr)				11.1690	

NOTES: Porosity values from Domenico and Schwartz, 1990.

APPENDIX A

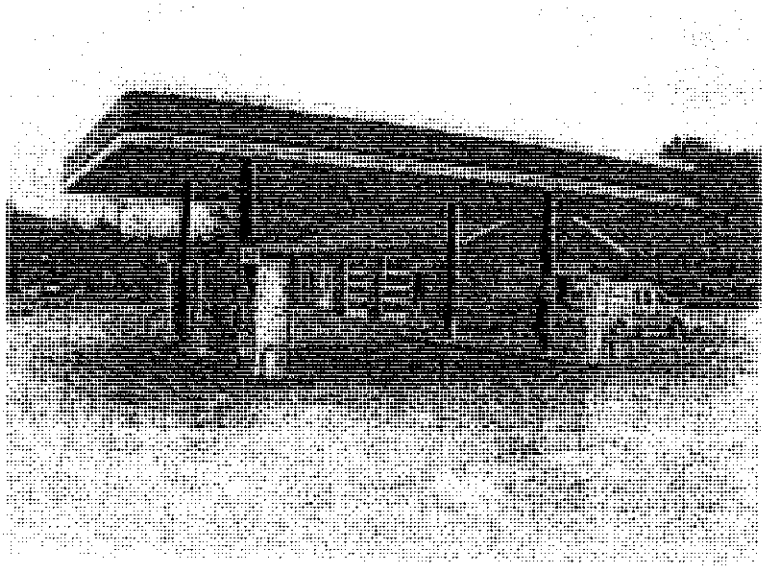
PREVIOUS REPORT

Pennoni

PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

PHASE I ENVIRONMENTAL SITE ASSESSMENT

1660 Storrs Road and 643 Middle Turnpike
Storrs-Mansfield, Connecticut, 06268



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May 23, 2008

TABLE OF CONTENTS

Page

EXECUTIVE SUMMARY 3
1.0 INTRODUCTION 6
1.1 Data Gaps 7
2.0 SUMMARY OF PREVIOUS ENVIRONMENTAL SITE ASSESSMENTS 8
3.0 CURRENT SITE CHARACTERISTICS 9
3.1 Site Ownership and Location 9
3.2 Site Description & Operations 9
3.3 Site Utilities 10
3.3.1 Sewer 10
3.3.2 Water 10
3.3.3 Electric 10
3.3.4 Building Heat 10
3.3.5 Pipelines 11
3.4 Site Reconnaissance 11
3.5 Underground Storage Tanks (USTs) 11
3.6 Aboveground Storage Tanks (ASTs) 11
3.7 Polychlorinated Biphenyls (PCBs) 11
3.7.1 Transformers and Capacitors 11
3.7.2 Fluorescent Light Ballasts 12
3.7.3 Elevators and Hydraulic Equipment 12
3.8 Chemical/Raw Material Storage 12
3.9 Floor Drains/Sumps 12
3.10 Non-Scope Considerations 13
3.10.1 Asbestos-Containing Materials (ACM) 13
3.10.2 Lead-Based Paint (LBP) 13
3.10.3 Radon Gas 13
3.11 Adjoining Properties 13
4.0 PHYSICAL SETTING 14
4.1 Topography/Regional Drainage 14
4.2 Soils 14
4.3 Underlying Formation 15
4.4 Groundwater 15
4.5 Wetlands 15
5.0 PROPERTY HISTORY 15
5.1 Historical Aerial Photographs 15
5.2 Historical Topographic Maps 16
5.5 Chain-of-Title 16
5.6 Owner Interview 17
6.0 REGULATORY AGENCIES' RECORDS REVIEW 18
6.1 Database Review 18
6.2 U.S. Environmental Protection Agency 27
6.3 State File Review 27
6.4 Local Inquiries 27
6.4.1 Mansfield Assessor's Office 27

TABLE OF CONTENTS (Continued)

6.4.2 Mansfield Building Department 28
6.4.4 Mansfield Health Department 28
6.4.5 Mansfield Fire Department 28
7.0 CONCLUSIONS 28
8.0 RECOMMENDATIONS 30
9.0 ENVIRONMENTAL RISK 31
10. 0 REFERENCES 33

TABLES

1 Property Owner Information
2 Property Owner History
3 DEP List of Contaminated or Potentially Contaminated Sites Abstract

FIGURES

1 Site Location Map
2 Tax Map

APPENDICES

A Previous Environmental Site Assessment Report
B Town of Mansfield Assessors' Tax Cards
C Site Photographs
D Historical Aerial Photographs
E Historical Topographical Maps
F Sanborn Fire Insurance Maps
G City Directory Abstract
H ASTM Owner/Occupant Questionnaire
I Environmental Database Search Report
J Regulatory Agencies' Documentation
K Mansfield Health Department Table of Four Corners Drinking Water Sampling Results

EXECUTIVE SUMMARY

Pennoni Associates Inc. (Pennoni) performed this Phase 1 Environmental Site Assessment in general conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: E 1527-05 for the property located at 1660 Storrs Road, and 643 Middle Turnpike in Storrs-Mansfield, Connecticut, referenced hereinafter as the "Property".

The Property consists of 2 lots (Lots 12 and 13 on Map 2, Block 8) located at 1660 Storrs Road and 643 Middle Turnpike in Storrs Mansfield, Tolland County, Connecticut (the Property). Both lots total 2.39 acres and are located at the intersection of Routes 195 and 44 that is commonly known as the "Four Corners". One (1) building is located on each of the lots. The service station building at 1660 Storrs Road is currently vacant (formerly Citgo) and Kathy John's restaurant and gift shop operates out of the 643 Middle Turnpike address.

Lot 12 (1660 Storrs Road) contains a one-story service station building located on a 0.720 acre lot. The building was built in 1964, and consists of brick and cinder block construction with a gable/hip roof. The building includes three (3) service bays, two (2) of which have hydraulic lifts. An overhead canopy which covers four (4) multi product dispensers (MPDs) each with three (3) nozzles on each side, and one (1) single product dispenser with a single nozzle on each side is located adjacent to the service station building to the south. Four (4) underground storage tanks used to store the fuel for sale are located to the northeast of the fuel island canopy. During the site inspection, Pennoni did not have access to the inside of the building during the site inspection; therefore determinations of environmental conditions are limited to those viewable from the exterior of the building.

Lot 13 (643 Middle Turnpike) contains a one-story combination restaurant/gift shop know as "Kathy Johns". This building was built in 1968 on a 1.67 acre lot. The building is wood framed, with wood siding and built on a concrete/cinder block foundation, with a gable/hip roof. The building is heated by a forced hot water system fueled by home heating oil. Fuel oil is stored in an aboveground storage tank (AST) located on the north side of the building.

The area between the two buildings is paved for parking. Each lot has its own septic system, and a drinking water well that services both lots is located immediately northeast of the Kathy John's building.

Pennoni obtained a "Site Status Report" prepared by Sovereign Consulting Inc. of Sandy Hook, Connecticut dated November 2007 from The Richmond Company, Inc. According to this report, approximately 65 yards of petroleum contaminated soil was removed from the Property during tank upgrade activities in 1990. In 1994, investigations to evaluate subsurface conditions in the areas of the new and former tank locations were conducted at the Property. Investigations included a soil gas survey, advancement of soil borings, monitoring well installations, and the collection of soil and groundwater samples. Currently, Connecticut DEP Consent Order WC 5077 issued to the former Property owner exists for the site. In November 2007, groundwater samples were collected from the existing monitoring well network at the site. Samples were analyzed for volatile organic compounds (VOCs). Levels of benzene were detected above applicable State standards in monitoring well MW-2, and levels of methyl-ethyl-ketone were detected above State standards in monitoring wells MW-5d and MW-6. In addition, tert-amyl

methyl ether, tert-butyl ethyl ether, and tetrahydrofuran were detected in wells throughout the site; however, the DEP does not currently have standards established for these compounds.

This assessment has revealed evidence of recognized environmental conditions (RECs) as defined by the USEPA 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries and the ASTM Standard Practice for Environmental Site Assessments: E 1527-05, consisting of conditions indicative of releases or threatened releases of hazardous substances on, at, in or to the Property. RECs are as follows:

- The Property (Republic Oil, Storrs Texaco – Rte 195 & Rte. 44) is listed on the Connecticut DEP *List of Contaminated or Potentially Contaminated Sites*. Site status is listed as "Leaking Underground Storage Tank – Remediation Started" and "Leaking Underground Storage Tank – Investigation". Currently DEP Consent Order WC 5077 exists for the site.

- The Property (Republic Oil – 1660 Storrs Road) is listed in the SDADB database. Inclusion of a site in the SDADB indicates a release of hazardous materials to the environment.

- The Property (643 Middle Turnpike) is listed in the Leaking Underground Storage Tank (LUST) database. This database indicates that a fuel oil UST of unknown size and an unknown amount of contaminated soil were removed from 643 Middle Turnpike in June, 1997. According to the Property owner, the 1,000-gallon heating oil UST was removed from the Property approximately ten (10) years ago, along with approximately 3 yards of contaminated soil; however, the DEP's *List of Contaminated or Potentially Contaminated Sites* lists current site status as "Closed".

- The Property was not listed in state UST database; however, four (4) USTs consisting of three (3) 8,000-gallon and one (1) 4,000-gallon tank were installed as replacement product storage tanks at 1660 Storrs Road in September 1990. Prior to these tanks, eight (8) USTs consisting of one (1) 8,000-gallon, four (4) 4,000-gallon, one (1) 2,000-gallon, and two (2) 550-gallon USTs and approximately 65 yards of petroleum contaminated soil were removed from the Property in April 1990.

- Levels of benzene were detected above the State standards in monitoring well MW-2, and levels of methyl-ethyl-ketone were detected above the State standards in monitoring wells MW-5d and MW-6 during a November 2007 groundwater sampling event conducted by Sovereign Consulting Inc.

- Two (2) hydraulic lifts are located in two (2) of the three (3) bays at the service station. It is unknown if these lifts contain PCBs. In addition, three (3) plastic drums were identified in the dumpster area of the service station lot. The contents of the drums are unknown.

- Several site abutters are listed in state and federal databases as well as in the DEP's *List of Contaminated or Potentially Contaminated Sites*. In addition, several Property abutters are currently engaged in business activities that have a high probability of polluting the environment. Information is as follows:

- 644 Middle Turnpike – Dick's repair garage operates out of this address, across Middle Turnpike.

- 650 Middle Turnpike – This address is currently vacant. This location is listed as "Steve Rogers" on the Leaking Underground Storage Tank (LUST) database, as well as on the Connecticut DEP *List of Contaminated or Potentially Contaminated Sites*. Information indicates the former presence of a LUST; however, according to the DEP, the tank has been removed and the project is listed as "Completed".

- 632 Middle Turnpike – CVS pharmacy (formerly an Exxon gasoline station; listed as Alliance Energy) operates at this address, across the Four Corners Intersection. This property is listed in the RCRA-NonGen, LUST, Manifest and FINDS databases, as well as on the Connecticut DEP *List of Contaminated or Potentially Contaminated Sites*. Information indicates the former presence of LUSTs, and according to the DEP, the tanks have been removed. Current project status is listed as "Pending".

- 1659, 1669 Storrs Road – The Public America gas station//Dunkin Donuts is located at across Storrs Road. This property is listed in the Manifest and UST databases, as well as on the Connecticut DEP *List of Contaminated or Potentially Contaminated Sites*. Information indicates the former presence of LUSTs, and according to the DEP, the tanks have been removed. Current project status is listed as "Remediation Started".

Based upon the findings of the Phase I Environmental Site Assessment, Pennon recommends conducting a limited subsurface investigation involving the advancement of soil borings, the installation of an additional monitoring well, and related soil and groundwater sampling and analyses to further assess environmental concerns or conditions at the Property.

Pending the results of additional site investigation activities, Pennoni has determined the environmental risk rating for this Site to be **High**. This risk rating has been assigned primarily due to documented releases of oil and/or hazardous materials at and within the immediate vicinity of Site. Although the Connecticut DEP has indicated that Republic Oil remains the responsible party for potential cleanup actions at the site under Consent Order WO 5077, Pennoni has identified a number of liabilities and associated costs which may be at risk to the current or future property owner.

1.0 INTRODUCTION

The following Phase I Environmental Site Assessment (Phase I) Report was completed for the property located at 1660 Storrs Road, and 643 Middle Turnpike in Storrs-Mansfield, Connecticut, referenced hereinafter as the "Property". A Site Location Map is provided as Figure 1.

Jeffrey Brunelle, Pennoni Associate Geologist, performed a site inspection of the Property on March 15, 2008 to identify current uses, conditions, and occupants of the Property and its surroundings. This Phase I Report was completed by Jeff Brunelle and reviewed by Dennis Giustra, P.E., Pennoni Senior Engineer.

The purpose of this site assessment was to identify recognized environmental conditions (RECs) as defined by the USEPA 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries and the ASTM Standard Practice for Environmental Site Assessments: E 1527-05, consisting of conditions indicative of releases or threatened releases of hazardous substances on, at, in or to the Property and including the following:

1. Pennoni obtained and reviewed a database report that provided listings of facilities and operations with reported or potential environmental concerns within a specified distance from the Property. The review included the following applicable Federal and State databases:

    - National Priority List (NPL) (within 1.00 mile);
    - Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list (within 0.50 mile);
    - No Further Remedial Action Planned (CERC-NFRAP) list (within 0.50 mile);
    - Resource Conservation and Recovery Act Corrective Action Activity (CORRACTS) sites list (within 1.00 mile);
    - Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal (TSD) facilities list (within 0.50 mile);
    - RCRA Large Quantity Generators (RCRA-LQG) list (within 0.25 mile),
    - RCRA Small Quantity Generators (RCRA-SQG) list (within 0.25 mile),
    - Emergency Response Notification System (ERNS) list (Property);
    - Hazardous Materials Incident Response System (HMIRS) list (Property);
    - Toxic Release Inventory System (TRIS) list (Property);
    - Toxic Substances Control Act (TSCA) list (Property);
    - Facility Index System (FINDS) list (Property);
    - RCRA Administrative Action Tracking System (RAATS) (Property);
    - State Hazardous Waste Sites (SHW) list (within 1.00 mile);
    - Site Discovery and Assessment Database (SDADB) (within 0.50 mile);
    - State Landfill (SWF/LF) list (within 0.50 mile);
    - Leaking Underground Storage Tank (LUST) list (within 0.50 mile);
    - Connecticut Leachate and Wastewater Discharge Sites (LWDS) list (within 1.00 mile);
    - Underground Storage Tank (UST) list (within 0.25 mile);
    - Aboveground Storage Tank (AST) list (within 0.25 mile);
    - MANIFEST list (within 0.25 mile);

- CT Spills list (Property);
- Wastewater Permit Listing (NPDES) (Property); and
- Activity and Use Limitations (AUL) Sites (within 0.50 mile).

2. Pennoni reviewed state environmental records, historical aerial photographs, historical insurance maps, and historical topographic maps to the extent these sources were reasonably ascertainable, publicly available, and practically reviewable. The review focused on the Property and adjoining properties.

3. Pennoni performed a property inspection on May 15, 2008 to physically observe the grounds and structures located on the Property. Suspect asbestos-containing material (ACM) and lead-based paint (LBP) inspections were not part of the scope of this environmental site assessment and therefore not included in this report. During the property visit, Pennoni noted uses and conditions, determined general property setting, noted roads, listed uses of adjoining properties, determined hydrogeologic and topographic setting, and noted utilities on the exterior building and throughout the Property lot. Pennoni checked for the presence of the following to the extent that they were physically observable:

   - chemicals, hazardous substances and petroleum products;
   - underground storage tanks (USTs), aboveground storage tanks (ASTs), drums and containers;
   - hydraulic lifts;
   - refrigerated drinking water fountains;
   - suspect materials containing polychlorinated biphenyls (PCBs);
   - above ground high voltage transmission lines and substations;
   - stains and corrosion;
   - drains and sumps;
   - stressed vegetation;
   - solid waste, waste water; and,
   - wells and septic systems.

4. Pennoni conducted interviews with available owners, site occupants, and local government officials.

5. Pennoni prepared this Report of findings including documentation to support our analysis, opinion and conclusions.

1.1 Data Gaps

According to the Standards and Practices for All Appropriate Inquiries, Phase I Environmental Assessments must identify data gaps that would affect the ability of the environmental professional to identify conditions indicative of releases or threatened releases of pollutants, contaminants, petroleum and petroleum products, and controlled substances on the subject properties and to explain the significance of these data gaps. In accordance with this provision, Pennoni has identified the following data gaps in this Phase I Environmental Site Assessment report:

1. Pennoni was unable to interview former owners of the Property; however, previous uses of the Property were documented in the historic aerial photographs and historic maps reviewed by Pennoni. Pennoni also reviewed available files at the Town of Mansfield municipal offices to investigate past operations, activities, and/or violations; therefore, Pennoni does not consider this data gap to be a significant constraint to the ability to provide an opinion regarding RECs on the Property.

2. Pennoni was not granted access to the interior of the garage service station building. All building observations were made through windows and from the exterior of the building. The back room of the garage building was not viewed by Pennoni.

2.0 SUMMARY OF PREVIOUS ENVIRONMENTAL SITE ASSESSMENTS

Pennoni obtained a "Site Status Report" prepared by Sovereign Consulting Inc. of Sandy Hook, Connecticut dated November 2007 from The Richmond Company, Inc. According to this report, eight (8) previous underground storage tanks (USTs) associated with gas station operations were removed from three (3) separate areas in April 1990. Four (4) replacement USTs were installed in September 1990, and during the installation process, approximately 65 yards of petroleum contaminated soil was removed from the Property.

In 1992 the Connecticut Department of Environmental Protection (DEP) issued an amended Consent Order WC 5077 to the former property owner, Republic Oil Company, related to the release identified during the UST removals in 1990. In 1994, investigations to evaluate subsurface conditions in the areas of the new and former tank locations were conducted at the Property. Investigations included a soil gas survey, advancement of soil borings, monitoring well installation, and the collection of soil and groundwater samples.

In November 2007, groundwater samples were collected from the existing monitoring well network at the site. Samples were analyzed for volatile organic compounds (VOCs). Levels of benzene were detected above the State standards in monitoring well MW-2, and levels of methyl-ethyl-ketone were detected above the State standards in MW-5d and MW-6. In addition, tert-amyl methyl ether, tert-butyl ethyl ether, and tetrahydrofuran were detected in wells throughout the site; however, the DEP does not currently have standards established for these compounds. A copy of this report is included in Appendix A.

3.0 CURRENT SITE CHARACTERISTICS

3.1 Site Ownership and Location

TABLE 1 - PROPERTY OWNER INFORMATION

	1160 Storrs Road	643 Middle Turnpike
Site Owner	Michael P. and Deborah Lahan, Amanda Boukas, and Kathleen A. Jones Co-trust	Kathleen A. Jones
Site Occupant	Vacant - Formerly a Citgo Gas Station and Repair Garage, formerly Republic Oil	Kathy John's Restaurant and Gift Shop
Date of Ownership	9/22/1999	11/20/1990
Map/Block/Lot	002/0008/0012	002/0008/0013
Zoning	Planned Business 3	
County	Tolland	
USGS Quadrangle	Coventry, CT	
Latitude	N 41° 49′ 39.4″	
Longitude	W 71° 10′ 33.0″	

3.2 Site Description & Operations

The Property consists of 2 lots (Lots 12 and 13 on Map 2, Block 8) located at 1660 Storrs Road and 643 Middle Turnpike in Storrs Mansfield, Tolland County, Connecticut (the Property). Both lots total 2.39 acres and are located at the intersection of Routes 195 and 44 that is commonly known as the "Four Corners". One (1) building is located on each of the lots. Assessors' cards are included in Appendix B, and Figure 2 depicts the lot layout at the Property.

Lot 12 (1660 Storrs Road) contains a one-story service station building located on a 0.720 acre lot. This 1,512 square foot building is currently vacant, but former businesses include Citgo and Republic Texaco gas stations and repair garages. The building was built in 1964, and consists of brick and cinder block construction with a gable/hip roof that is covered with asphalt shingles. Interior spaces include three (3) service bays, two (2) of which have hydraulic lifts, an office, a back storage room, and two (2) bathrooms. During the site inspection, Pennoni did not have access to the inside of the building. According to the assessor's card, heat is obtained from a forced hot water system. In addition, an overhead canopy which covers four (4) multi product dispensers (MPDs) each with three (3) nozzles on each side, and one (1) single product dispenser with a single nozzle on each side is located adjacent to the service station building to the south. Four (4) underground storage tanks used to store the fuel for sale are located to the northeast of the fuel island canopy. Currently the service station is not in operation and is vacant.

Lot 13 (643 Middle Turnpike) contains a one-story combination restaurant/gift shop know as "Kathy Johns". This 5,444 square foot building, built in 1968, is located on a 1.67 acre lot. The building is wood framed, with wood siding and built on a concrete/cinder block foundation. The gable/hip roof is covered with asphalt shingles. Interior walls are plaster/sheetrock or wood paneling, and flooring consists of tiles, linoleum, or carpet. The building is heated by a forced hot water system that is fueled by home heating oil. Fuel oil is stored in an aboveground storage tank (AST) located on the north side of the building. Cooking stoves are fueled by natural gas. Air conditioning is provided by a central air system.

The area between the two buildings is paved for parking. Each lot has its own septic system, and a drinking water well that services both lots is located immediately northeast of the Kathy John's building.

3.3 Site Utilities

3.3.1 Sewer

According to the Town of Mansfield Sewer Department, the Property area is not serviced by municipal sewer service. A small septic system for the gas station is located on the northeast side of the service station building. A large septic system for Kathy John's restaurant is located on the northeast section of the lot at 643 Middle Turnpike. Waste water from Kathy John's passes through two (2) 1,000 gallon grease traps, and then into a 5,000-gallon septic tank. From there water flows into a dosing chamber which pumps water into the leach field. Neighboring properties are expected to contain septic systems as well.

3.3.2 Water

According to the Town of Mansfield Water Department, the Property area is not serviced by municipal water service. A joint private water well is located on the lot at 643 Middle Turnpike, on the northeast side of the Kathy John's building. This artesian well provides water supply to both the restaurant and gas station lots. Neighboring properties are expected to contain private water wells systems as well.

3.3.3 Electric

Electric service is provided to the Property by Northeastern Electric.

3.3.4 Building Heat

According to the assessor's cards both Property buildings are heated by forced hot water systems. Kathy John's Restaurant is heated by a fuel oil fired furnace located in the basement. Fuel oil is stored in an AST located on the north side of the building.

Pennoni did not have access to the interior of the service station building. The service station heating system and associated fuel storage tank(s) (if any) were not observed in the areas of the service station visible from the exterior of the building.

3.3.5 Pipelines

No evidence of petroleum transmission pipelines was observed in the vicinity of the Property.

3.4 Site Reconnaissance

Pennoni performed an inspection of the Property on May 15, 2008 to physically observe the grounds and structures located on the Property. Photographs taken during the Property inspection are included in Appendix C.

3.5 Underground Storage Tanks (USTs)

The Property was not listed in State UST database; however, four (4) USTs consisting of three (3) 8,000-gallon and one (1) 4,000-gallon tank were installed as replacement product storage tanks at 1660 Storrs Road in September 1990.

Prior to the tanks listed above, eight (8) USTs consisting of one (1) 8,000-gallon, four (4) 4,000-gallon, one (1) 2,000-gallon, and two (2) 550-gallon USTs and approximately 65 yards of petroleum contaminated soil were removed from the Property in April 1990.

In addition, review of the State Leaking Underground Storage Tank (LUST) database indicates that a fuel oil UST of unknown size and an unknown amount of contaminated soil were removed from 643 Middle Turnpike in June, 1997. According to the Property owner, the 1,000-gallon heating oil UST was removed from the Property approximately ten (10) years ago, along with approximately 3 yards of contaminated soil. The new heating oil AST was installed in the area of the former UST.

3.6 Aboveground Storage Tanks (ASTs)

The Property was not listed in State AST database; however, one (1) AST (approximately 1,000 gallons) used for fuel oil storage is located on the north side of the Kathy John's building located at 643 Middle Turnpike. No ASTs were observed in the areas visible from the exterior of the service station building.

3.7 Polychlorinated Biphenyls (PCBs)

3.7.1 Transformers and Capacitors

Transformers and capacitors that contain an oil-based dielectric fluid are considered a potential environmental threat, due to the potential presence of polychlorinated biphenyls (PCBs) in the dielectric fluid. One (1) pole mounted transformer is located at the Property boundary along Storrs Road, one (1) pole mounted transformer is located at the Property boundary along Middle Turnpike, and three (3) pole mounted transformers are located at the northeastern Property boundary. It is unknown if these transformers contain PCBs; however, the transformers appeared to be in good condition with no signs of leaks or spills.

3.7.2 Fluorescent Light Ballasts

Fluorescent light ballasts contain capacitors that may be filled with PCB-containing dielectric fluid. Fluorescent light ballasts were observed throughout the common areas, maintenance areas, and retail areas at Kathy John's restaurant property, and in the areas of the service station visible from the outside of the building. Based on the "effective year built" listed on the assessor's cards (1980) it is not likely that the ballasts contain PCBs; however, it is possible that older type fluorescent light ballast may be present in the buildings. No leaking or staining was observed on or around the light ballasts.

3.7.3 Elevators and Hydraulic Equipment

No evidence of elevators or hydraulic equipment was observed in the Kathy John's restaurant. Two (2) hydraulic lifts were observed in two (2) of the maintenance bays at the service station location, and evidence of a former lift (circular concrete patch) was observed in the third repair bay. Pennoni did not have access to the interior of the building; therefore Pennoni was unable to closely inspect the lift structures. Limited staining was visible around the area of the lift piston for each of the hydraulic lifts. Pennoni was unable to determine if the lifts contain hydraulic fluid and/or PCBs.

3.8 Chemical/Raw Material Storage

Small amounts of paints and chemicals are stored on the floor and on shelves of the "Down Draft Room" in the basement of Kathy John's restaurant. In addition, cleaning supplies including cleaners, degreasers, detergents, and soaps are stored in wooden shelves underneath the stairs in the basement. These chemicals are used in the operation and maintenance of the restaurant, and the containers were observed to be in good condition with no signs of leaks, cracks, or staining.

Two (2) 55-gallon drums and one (1) 35-gallon drum were observed in the dumpster area behind the service station building. No labels were present on the drums with the exception of one of the 55-gallon drums, which was labeled as used antifreeze. Pennoni did not have access to the interior of the service station building. Pennoni did not observe and chemical/raw material storage in the areas visible from the outside of the building.

3.9 Floor Drains/Sumps

No floor drains or sumps were observed during the Property inspection at Kathy John's restaurant.

Floor drains and sumps were not observed in the areas visible from the exterior of the service station. Pennoni was unable to access the interior of the building to thoroughly inspect interior areas for floor drains; however the Site Status Report compiled by Sovereign Consulting Inc in November, 2007 references "a broken drain pipe emanating from the garage area". It is assumed that this drain pipe was associated with a former floor drain. According to the Property owner, no floor drains exist at the Property.

3.10 Non-Scope Considerations

3.10.1 Asbestos-Containing Materials (ACM)

An ACM survey was beyond the scope of this report. Pennoni recommends that an asbestos inspection be completed by a certified inspector prior to any building renovation or demolition activities.

3.10.2 Lead-Based Paint (LBP)

An LBP survey was beyond the scope of this report. Pennoni recommends that a LBP inspection be completed by a certified inspector prior to any building renovation or demolition activities.

3.10.3 Radon Gas

Radon gas is a colorless and odorless gas generated by the decay of naturally occurring uranium found in native bedrock and associated soils. Elevated levels of radon gas can accumulate inside enclosed spaces such as an office building or home, creating an increased risk of developing lung cancer. In general, the risk increases as the concentration of radon gas and the length of exposure increases. The U.S. EPA has established 4 picoCuries per liter (pCi/L) of radon gas in indoor air as a guidance level for residences. Accumulations above 4 pCi/L are considered to represent a health risk to occupants.

The U.S. EPA designated radon zone for Tolland County is Zone 2. Zone 2 radon levels range from 2 to 4 pCi/L. According to EDR, the average level of radon gas in basement areas of seven (7) test sites located in Tolland County is 2.657 pCi/L. Actual radon levels can only be determined by collecting radon samples at the Property.

3.11 Adjoining Properties

Adjoining property usage is an important consideration in evaluating property conditions since surface water and groundwater flow create potential pathways for migration of chemicals from off-site sources. A copy of a tax map attained from the Town of Mansfield Assessor's Office depicting surrounding properties is included in Figure 2. The adjoining properties are as follows:

- Northwest – Residential property and Wellington Hill Road are located to the northwest of the Property. Wooded land is located immediately north of the Property.
- Northeast – An open field and residential property is located to the northeast along Middle Turnpike.
- Southeast
    - 644 Middle Turnpike – Dick's Repair Garage operates out of this address.

- 650 Middle Turnpike – This address is currently vacant. Former businesses include the Subway Development Corporation of New England office. In addition, the building appears to be a bank type building with a drive up window. This location is listed as "Steve Rogers" on the Leaking Underground Storage Tank (LUST) database, as well as on the Connecticut Department of Environmental Protection's (DEP) *List of Contaminated or Potentially Contaminated Sites.* Information indicates the former presence of a LUST, and according to the DEP, the tank has been removed and the project has been completed.

- 1650 Storrs Road – This address is currently vacant. Former businesses include B&D Package Store and Pizza Corner. A small farm stand is located on the southeast section of this site.

- South – CVS pharmacy (formerly an Exxon gasoline station; listed as Alliance Energy) is located at 632 Middle Turnpike, across the Four Corners intersection. This property is listed in the RCRA-NonGen, LUST, Manifest and FINDS databases, as well as on the Connecticut DEP *List of Contaminated or Potentially Contaminated Sites.* Information indicates the former presence of LUSTs, and according to the DEP, the tanks have been removed. Current project status is listed as "Pending".

- Southwest – The Public America gas station//Dunkin Donuts is located at 1659, 1669 Storrs Road across the street from the Property to the southwest. This property is listed in the Manifest and UST databases, as well as on the Connecticut DEP *List of Contaminated or Potentially Contaminated Sites.* Information indicates the former presence of LUSTs, and according to the DEP, the tanks have been removed. Current project status is listed as "Remediation Started".

For more information on abutting properties that are listed in the federal and state databases as noted above, refer to Section 6.0 of this report.

4.0 PHYSICAL SETTING

4.1 Topography/Regional Drainage

The Property is located on the Coventry, Connecticut 7.5-minute USGS topographic quadrangle at an approximate elevation of 622 feet above mean sea level. Property topography is relatively flat and regional topography slopes up gently to the northeast. Surface water on the Property is expected to flow southeast and drain into state wetlands approximately 1/8th of a mile away.

4.2 Soils

According to the EDR Radius Map with GeoCheck Report (EDR Report), the dominant soil composition at the Property is Udorthents. Udorthents are generally classified as human-altered soils, and are typical of developed areas where cut and fill activities have been conducted. This soil type is typically composed of varying amounts of fill and/or disposal material, as well as native substratum soils. Udorthents soil types typically offer poor drainage and retain water.

4.3 Underlying Formation

The subject property lies within the Bigelow Brook Formation, which is of the Paleozoic Era, Devonians and Silurian system. According to the Bedrock Geologic Map of Connecticut, the upper member of Bigelow Brook Formation consists of gray, rusty-weathering, medium-grained schist, while the lower member of Bigelow Brook Formation consists of gray, medium-grained granofels.

4.4 Groundwater

Regional and local groundwater flow is expected to flow east or southeast to Mason Brook and the associated wetlands, which is located approximately 1/8th of a mile to the southeast of the Property.

4.5 Wetlands

According to the Detail Map provided in the EDR regulatory database report, the Property is not in located in wetland areas in the State or National Wetland Inventory, nor is the Property located in either the 100 or 500 year flood zones.

5.0 PROPERTY HISTORY

5.1 Historical Aerial Photographs

Historical aerial photographs were obtained from EDR for the Property and surrounding areas. Pennoni reviewed historical aerial photographs for the years 1972, 1985, 1997 and 2005 to further determine the past uses of the Property. Copies of the historical aerial photographs are included in Appendix D. The following is a brief narrative of the photograph review:

- 1972 – The 1972 aerial photo is of poor quality. Site features are not easily discernable, although Storrs Road and the lots at the Four Corners are slightly visible. Specific Property and area features cannot be observed.

- 1985 – The Four Corners intersection is visible, as is the Kathy John's building; however, additional site features are not visible due to the height the photograph was taken at and the color relief of the picture.

- 1997 – Kathy John's and the service station building are visible at the Property. Buildings to the southeast of the Four Corners intersection are representative of the current buildings. The area to the northwest and southwest appear to have buildings, but site specific information is not available for these areas.

- 2005 –Building layout depicted at the Four Corners is representative of the current building layout in the vicinity of the Four Corners.

TABLE 2 - PROPERTY OWNER HISTORY

Address	Map/Block/Lot	Owner	Book	Page	Sale Date
1660 Storrs Road	002/0008/0012	Michael P. and Deborah Lahan & Amanda Boukas and Kathleen A. Jones Co-trust	423	246	9/22/1999
		Amelia G. Kozelka Est.	364	192	7/31/1995
		Republic Realty Inc.	302	445	11/20/1990
		Republic Realty Inc.	265	232	--
643 Middle Turnpike	002/0008/0013	Kathleen A. Jones	302	442	11/20/1990
		Kathleen A. Jones	105	180	10/31/1967

5.6 Owner Interview

Pennoni discussed the use of the Property with Mr. John Jones. During the interview the owner informed Pennoni that he has owned the Property since the 1960s and that he had built the restaurant building. Mr. Jones informed Pennoni that the Republic Texaco service station has been in operation since he started the restaurant business forty years ago, and that the station operated as a Texaco until approximately two to three years ago when it switched to a Citgo station. Citgo operated out of this location until only about two or three months ago.

In addition, Mr. Jones noted that the current CVS location was formerly an Exxon station, and that the CVS building was constructed approximately five to six years ago. Mr. Jones noted that this site had environmental conditions associated with the removal of USTs; however Mr. Jones did not have specific information about the project. Mr. Jones also informed Pennoni that the lots at the Four Corners historically had a gas station at the current Public America location, and that Dick's Garage has been in operation for at least the last forty years.

When questioned about environmental conditions at the Property, Mr. Jones indicated that an unknown amount of contaminated soil was removed from the Property when the gas station USTs were replaced. He also noted that a small amount of contaminated soil was removed during the removal of the heating oil tank at Kathy John's restaurant. In addition, Mr. Jones stated that his drinking water well is sampled on a regular basis, and no known contaminants have been discovered during the sampling rounds.

Mr. Jones answered site specific questions about the Property septic systems and water well, UST and AST storage tanks, building systems, and environmental conditions and concerns. Information provided by Mr. Jones is included in applicable sections throughout this report. A copy of the standard ASTM owner questionnaire was filled out by Mr. Jones, and is included in Appendix H.

5.2 Historical Topographic Maps

Historical topographic maps were obtained from EDR to further determine the past uses of the Property and surrounding areas. Pennoni reviewed historical topographic maps for the years 1892, 1948, 1953, 1970, and 1983 for the Property and surrounding areas. Copies of the historical topographic maps are included in Appendix E. The following is a brief narrative of the map review:

- 1892 – The roadways that make up the Four Corners are visible on the map. Buildings are present on the northwest and southwest sections of the Four Corners, as well as along Middle Turnpike and Storrs Road to the east and south of the Four Corners intersection.

- 1948 – Storrs Road and Middle Turnpike are now depicted as main roads, and some of the smaller roads shown on the 1892 map are no longer depicted. The areas to the east and south of the Four Corners remain populated with small buildings, and buildings are present in the northwest, southwest, and southeast sections of the Four Corners.

- 1953 – The immediate area appears to be relatively unchanged from the 1948 map.

- 1970 – The two (2) buildings located at the Property are depicted on the map, along with a new building in the northwest section of the Four Corners. Wellington Hill Road is now visible to the northwest, along Storrs Road. In addition, a trailer park is now present on the northeast area of the Four Corners.

- 1983 – The trailer park is no longer depicted on this map. Building layout depicted at the Four Corners is representative of the current building layout in the vicinity of the Four Corners.

5.4 Sanborn Maps

Sanborn fire insurance maps were not available for the Property location. A copy of the EDR Sanborn Map Report stating "No Coverage" is included in Appendix F.

5.4 City Directory Abstract

City Directory information was not available for the Property location. A copy of the EDR City Directory Abstract stating "No Coverage" is included in Appendix G.

5.5 Chain-of-Title

Chain-of-title information was obtained from the Assessors cards on file at the Town of Mansfield Assessors' Office. Property ownership data is included in the following:

6.0 REGULATORY AGENCIES' RECORDS REVIEW

6.1 Database Review

A regulatory agency report (EDR Report) for the Property was obtained from Environmental Data Resources Inc. This report was reviewed to identify facilities and operations considered to pose environmental concerns related to the Property. The EDR Report provided listings, accompanied by a map, of facilities and operations with reported environmental concerns within a specified distance from the Property (see Appendix I).

The EDR Report included the following ASTM standard Federal lists:

- The National Priority List (NPL) includes sites that have been evaluated by the United States Environmental Protection Agency (U.S. EPA) and identified as being uncontrolled or abandoned hazardous waste sites. These sites are targeted for potential long-term remedial action under the Superfund Act.

- The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list includes sites identified by, reported to, or investigated by the USEPA as having actual or suspected uncontrolled releases of hazardous substances, contaminants, or pollutants.

- No Further Remedial Action Planned (CERC-NFRAP) list includes information on facilities that have been removed from the U.S. EPA's CERCLIS database. CERC-NFRAP sites may be sites where no contamination was found, contamination was removed quickly without need for the site to be placed on the NPL, or the contamination was not serious enough to require Superfund action or NPL consideration.

- The Resource Conservation and Recovery Act Corrective Action Activity (CORRACTS) sites list includes RCRA facilities, which are undergoing "corrective action." A "corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.

- The Resource Conservation and Recovery Act Treatment, Storage and Disposal facilities (RCRA-TSD) list includes facilities that treat, store, or dispose of USEPA regulated hazardous wastes.

- RCRA Large Quantity Generators (RCRA-LQG) list includes information on large quantity facilities that generate more than 1,000 kilograms (kg) of USEPA regulated hazardous waste or 1 kg of acutely hazardous waste per month, or meet other applicable requirements of the Resource Conservation and Recovery Act (RCRA).

- RCRA Small Quantity Generators (RCRA-SQG) list includes information on small quantity facilities that generate between 100 kg and 1,000 kg of USEPA regulated hazardous waste per calendar month and accumulate less than 1,000 kg of hazardous waste at any time, or meet other applicable requirements of RCRA.

- RCRA Conditionally Exempt Small Quantity Generators (RCRA-CESQG) list includes information on small quantity facilities that generate less than 100 kg of hazardous waste, or less than 1kg if acutely hazardous waste per month.

- RCRA Non-Generators are hazardous waste generators that currently do not produce any hazardous waste.

- The Emergency Response Notification System (ERNS) list includes information on accidental releases of oil and hazardous substances.

- The US Engineering Controls (US ENG CONTROLS) List contains sites with engineering controls, such as caps, foundations, liners, and/or treatments that eliminate contaminant migration or affects to human health.

- The US Institutional Control (US INST CONTROL) list contains sites with institutional controls in place, such as groundwater, property, and construction use restrictions due to contamination still in existence at the site.

- The US Brownfields (US BROWNFIELDS) list includes information on sites included in the U.S. EPA Brownfields database.

- The Consent (CONSENT) list includes information on major legal settlements that establish responsibility and standards for cleanup at NPL sites.

- The Record of Decision (ROD) list includes properties where documents mandate a permanent remedy, and provide technical and health information at an NPL site.

- The Facility Index System (FINDS) list includes information about facilities and pointers to other sources that contain more detail regarding environmental concerns.

- The RCRA Administrative Action Tracking System (RAATS) contains records of enforcement actions pertaining to major violators, and includes administrative and civil actions brought forth by the EPA. The RAATS database was discontinued in 1995.

The EDR Report included the following ASTM standard State lists:

- The State Hazardous Waste Sites (SHW) list includes a list of sites in Connecticut that are deemed potentially hazardous by the Connecticut DEP.

- The Site Discovery and Assessment Database (SDADB) list includes all sites reported to Permitting, Enforcement, and Remediation Division where it is suspected that hazardous waste may have been disposed.

- The State Landfill and/or Solid Waste Disposal Facilities (SWF/LF) list includes information on all permitted solid waste facilities (e.g., municipal waste landfills and disposal facilities) operating in Connecticut.

- The Leaking Underground Storage Tank (LUST) list includes sites within the release database that have a UST listed as the source of the release.

- The Connecticut Leachate and Wastewater Discharge Sites (LWDS) list includes surface and groundwater discharges that have either received a wastewater permit, are historic and now defunct waste sites, or are locations of accidental spills, leaks or discharges of liquid or solid wastes.

- The Registered Storage Tank System – Underground and Aboveground Tanks (UST/AST) list includes information pertaining to registered USTs and ASTs, located within the Connecticut.

- The MANIFEST list includes facility and hazardous waste tracking data.

- The CT Spills list includes sites within the oil and chemical spill database.

- The Wastewater Permit Listing (NPDES) includes sites with a listing of permits issued by the DEP.

- The Activity and Use Limitations (AULs) list includes sites where use limitations have been implemented. AULs establish specific limits and conditions of use for contaminated property, and allow for limited clean-up activities, or allow contamination to remain in place.

Details of the record reviews and information on all reported sites are listed in the EDR report, which is included in Appendix I.

A summary of the complete findings of the EDR Report is provided below.

Federal Records Review

NPL Sites

The EDR Report did not reveal the Property as a NPL site and revealed no NPL sites located within one mile of the Property.

CERCLIS Sites

The EDR Report did not reveal the Property as a CERCLIS site and revealed no CERCLIS sites located within one-half mile of the Property.

CERC-NFRAP Sites

The EDR Report did not reveal the Property as a CERC-NFRAP site and revealed no CERC-NFRAP sites located within one-half mile of the Property.

CORRACTS Sites

The EDR Report did not reveal the Property as a CORRACTS site and revealed no CORRACTS sites located within one mile of the Property.

RCRA-TSD Sites

The EDR Report did not reveal the Property as a RCRA-TSD site and revealed no RCRA-TSD sites located within one-half mile of the Property.

RCRA-LQG Sites

The EDR Report did not reveal the Property as a RCRA-LQG site and revealed no RCRA-LQG sites located within one-quarter mile of the Property.

RCRA-SQG Sites

The EDR Report did not reveal the Property as a RCRA-SQG site and revealed no RCRA-SQG sites located within one-quarter mile of the Property.

RCRA-CESQG Sites

The EDR Report did not reveal the Property as a RCRA-CESQG site and revealed no RCRA-CESQG sites located within one-quarter mile of the Property.

RCRA-NonGen Sites

The EDR Report did not reveal the Property as a RCRA-NonGen site. One (1) RCRA-NonGen site is located within one-eighth of mile of the Property and is summarized below.

- Alliance Energy (Site Abutter – now CVS Pharmacy, formerly Exxon gas station)
  632 Middle Turnpike
  Storrs Mansfield, CT

Since RCRA Non-Generators are sites that currently do not produce any hazardous waste, inclusion in this database does not indicate a condition that is likely to produce adverse environmental impacts at the Property.

ERNS Sites

The EDR report did not reveal the Property as an ERNS site.

US ENG CONTROLS Sites

The EDR report revealed no US ENG CONTROLS sites located within 0.5 miles of the Property.

US INST CONTROLS Sites

The EDR report revealed no US INST CONTROLS sites located within 0.5 miles of the Property.

U.S. BROWNFIELDS Sites

The EDR report revealed no U.S. BROWNFIELDS sites located within 0.5 miles of the Property.

CONSENT Sites

The EDR report revealed no CONSENT sites located within 1 mile of the Property.

ROD Sites

The EDR report revealed no RODS sites located within 1 mile of the Property.

FINDS Sites

The EDR report did not reveal the Property as an FINDS site.

State Records Review

SHWS

The EDR report revealed no SHWS sites located within 1 mile of the Property.

SDADB

The February 13, 2008 database identified five (5) SDADB sites within 0.5 miles of the Property. The following sites may be locations where hazardous waste was disposed of. Inclusion of a site in the SDADB indicates a release of hazardous materials to the environment.

The Property (Republic Oil – 1660 Storrs Road) is listed in the SDADB database.

- Exxon Corp
  623 Middle Turnpike
  Storrs Mansfield, CT

Exxon Corp is located 906 feet east-northeast and at a higher elevation to the Property.

- Marty's Service Center
  575 Middle Turnpike
  Storrs Mansfield, CT

Marty's Service Center is located 1,102 feet west-southwest and at a higher elevation to the Property.

- Mobil 01-G1P
  7 Storrs Road
  Storrs Mansfield, CT

This site appears to have the wrong address associated with the site location. 7 Storrs Road is close to two miles to the south; however, EDR describes the Mobil site as being located 508 feet to the northwest and at a lower elevation to the Property. Current aerial photographs and topographic maps do not display a gasoline at this location, so it appears that EDR has mis-located this site.

- Husky Mobil (Former BP)
  607 Middle Turnpike
  Storrs Mansfield, CT

Husky Mobil is located 618 feet west-southwest and at a lower elevation to the Property.

- Wellington Tire Company, Inc
  1733 Storrs Road
  Storrs Mansfield, CT

The Wellington Tire Company is located 1,923 feet west-northwest and at a lower elevation to the Property.

Due to the distance of these sites from the Property, it is unlikely that these sites would cause adverse environmental conditions at the Property.

State Landfill Sites

The EDR report revealed no State Landfill sites located within 0.5 miles of the Property.

LUST Sites

The February 19, 2008 database identified seven (7) LUST sites within 0.5 miles of the Property. The following sites have had LUST incidents.

The Property (Kathy John's – 643 Storrs Road, listed as John Jones) is listed in the EDR LUST database. According to EDR and the DEP *List of Contaminated or Potentially Contaminated Sites,* a fuel oil UST of unknown size and an unknown amount of contaminated soil were removed from this Property location in June 1997. The DEP lists the site status as "Completed".

- Steve Rogers (Site Abutter – Former Subway Corporate Development Office)
  650 Middle Turnpike
  Storrs Mansfield, CT

According to EDR a leaking home heating oil tank was reported to the DEP in 1994. The DEP's *List of Contaminated or Potentially Contaminated Sites* indicates that the project has been completed and therefore should not pose any environmental risk to the Property.

- Alliance Energy (Site Abutter – now CVS Pharmacy, formerly Exxon gas station)
  632 Middle Turnpike
  Storrs Mansfield, CT

According to EDR, gasoline contaminated soil was discovered during tank removal activities conducted in August 1989. The DEP's *List of Contaminated or Potentially Contaminated Sites* lists project status as "Pending". Although it is possible that this site could contaminate the Property, contamination migration from this site is unlikely due to the age of the incident and local groundwater flow direction.

- Storrs Automotive (Site Abutter – now Public America gas station)
  1659 Storrs Road
  Storrs Mansfield, CT

According to EDR, gasoline contaminated soil was discovered during tank removal activities in conducted in July 1989. The DEP's *List of Contaminated or Potentially Contaminated Sites* lists project status as "Remediation Started". It is possible that residual contamination from this site could contaminate the Property, although it is unlikely due to remediation activities at the site and the age of the incident.

- Marty's Service Center
  575 Middle Turnpike
  Storrs Mansfield, CT

Marty's Service Center is located 1,102 feet west-southwest and at a higher elevation to the Property. According to EDR, gasoline contaminated soil was discovered during the removal of five (5) USTs in November 1988. The DEP's *List of Contaminated or Potentially Contaminated Sites* indicates the project status is "Completed" and therefore should not pose any environmental risk to the Property.

- Mobil 01-G1P
  7 Storrs Road
  Storrs Mansfield, CT

This site appears to have the wrong address associated with the site location. 7 Storrs Road is close to two miles to the south; however, EDR describes the Mobil site as being located 508 feet to the northwest and at a lower elevation to the Property. Current aerial photographs and topographic maps do not display a gasoline at this location, so it appears that EDR has mis-located this site.

- Husky Mobil (Former BP)
  607 Middle Turnpike
  Storrs Mansfield, CT

Husky Mobil is located 618 feet west-southwest and at a lower elevation to the Property. According to EDR, gasoline contaminated soil was discovered during the removal of three (3) USTs in April 1988. The DEP's *List of Contaminated or Potentially Contaminated Sites* indicates the project status is "Completed" and therefore should not pose any environmental risk to the Property.

LWDS Sites

The April 20, 2002 LWDS list identified two (2) LWDS sites within 1 mile and at a lower elevation than the Property.

- Oil/Chemical Spills
  No Address given (2,451 feet east-northeast)

- Landfill
  No Address Given (4,431 feet south)

Due to the distance from the Property, as well as the lower site elevation, these sites are not expected to produce adverse environmental impacts at the Property.

UST Sites

The March 28, 2008 UST list identified five (5) UST sites within 0.25 miles of the Property. When managed properly and tested regularly, operation of USTs should pose no environmental threat to the Property. The following sites contain active USTs.

- Storrs Automotive (Site Abutter – now Public America gas station)
  1659 Storrs Road
  Storrs Mansfield, CT

- Marty's Service Center
  575 Middle Turnpike
  Storrs Mansfield, CT

Marty's Service Center is located 1,102 feet west-southwest and at a higher elevation to the Property.

- Savings Bank of Manchester
  596 Middle Turnpike
  Storrs Mansfield, CT

The Savings Bank of Manchester is located 181 feet southwest and at a lower elevation to the Property.

- Husky Mobil (Former BP)
  607 Middle Turnpike
  Storrs Mansfield, CT

Husky Mobil is located 618 feet west-southwest and at a lower elevation to the Property.

- Eagleville Fire Department
  1722 Storrs Road
  Storrs Mansfield, CT

The Eagleville Fire Department is located 1,093 feet northwest and at a lower elevation to the Property.

AST Sites

The EDR report revealed no AST sites located within 0.25 miles of the Property.

MANIFEST Sites

The December 31, 2005 MANIFEST list identified three (3) MANIFEST sites within 0.25 miles of the Property. Manifests exist due to the shipping of hazardous materials and are most likely associated with the former leaking USTs at these sites. Manifests do not necessarily indicate an environmental hazard.

- Alliance Energy (Site Abutter – now CVS Pharmacy, formerly Exxon gas station)
  632 Middle Turnpike
  Storrs Mansfield, CT

- Mansfield Equisitions (Site Abutter – now Public America gas station)
  1659 Storrs Road
  Storrs Mansfield, CT

- Public Petroleum Co. (Site Abutter – now Public America gas station)
  1669 Storrs Road
  Storrs Mansfield, CT

- Husky Mobil (Former BP)/Huskie Mobil/Husky X-tra Mart
  607 Middle Turnpike
  Storrs Mansfield, CT

Husky Mobil is located 618 feet west-southwest and at a lower elevation to the Property.

AUL Sites

The EDR report revealed no AUL sites located within 0.5 miles of the Property.

Non-Geocoded Sites

The EDR Report identified a total of thirty eight (38) non-geocoded sites. Non-geocoded sites are properties that cannot be identified on a map due to an incomplete address. Based upon a review of the non-geocoded sites list and a perimeter inspection of the property, none of the 20 non-geocoded sites listed in the EDR Report were not located

within an appropriate distance of the Property to warrant further consideration, or were already addressed in certain databases under an alternate name.

6.2 U.S. Environmental Protection Agency

A request was submitted to the Freedom of Information Officer with the U.S. EPA Region 1 on May 21, 2008, to search federal files for any information regarding the Property, and any instances of illegal waste discharges, Notices of Violations, and the current regulatory status of the Property. A response to this inquiry has not been received by Pennoni. Any findings which change the outcome of this report will be forwarded to the client upon receipt. A copy of the request is included in Appendix J.

6.3 State File Review

Pennoni referenced the Connecticut DEP on-line *List of Contaminated or Potentially Contaminated Sites*. The following table presents pertinent sites included in the list.

TABLE 3 – DEP LIST OF CONTAMINATED OR POTENTIALLY CONTAMINTATED SITE ABSTRACT

Site Name	Location	Additional Names	Site Location	Site Definition
Exxon	Abutter	CVS, Alliance Energy	632 Middle Turnpike	LUST - Pending
John Jones	Property	Kathy John's	643 Middle Turnpike	LUST - Completed
Republic Oil, Storrs Texaco	Property	Citgo	Rte 195 & Rte. 44	LUST - Remediation Started
Rosal's Apartments	Unknown	--	Rte 195 & Rte. 44	LUST - Pending
Steve Rogers	Abutter	Subway Corporate Development Offices	650 Middle Turnpike	LUST - Completed
Storrs Automotive	Abutter	Public America Gas Station	1659 Storrs Road	LUST - Remediation Started
Storrs Texaco	Property	Citgo, Republic Oil	Rte 195 & Rte. 44	LUST - Investigation

6.4 Local Inquiries

6.4.1 Mansfield Assessor's Office

On May 15, 2008, Pennoni visited the Town of Mansfield Assessor's Office to obtain general site, property, building, and operations information associated with the Property.

Pennoni obtained assessor's tax cards which are included in Appendix B and a tax map (Figure 2) for the Property.

6.4.2 Mansfield Building Department

On May 15, 2008, Pennoni visited the Town of Mansfield Building Department to review any on-file information. The Building Department had no information concerning environmental conditions or storage tanks with respect to the Property.

6.4.4 Mansfield Health Department

On May 15, 2008, Pennoni visited the Town of Mansfield Health Department to review any on-file information. The Health Department had no site specific information concerning environmental conditions or storage tanks with respect to the Property; however, several reports were on file for sites in the vicinity of the Four Corners. Health Department files indicate that drinking water wells in the vicinity of the Property are periodically sampled for water quality testing. A table summarizing the results of the drinking water sampling in the area of the Four Corners is included as Appendix K.

6.4.5 Mansfield Fire Department

On May 21, 2008, a request was submitted to the fire prevention officer of the Town of Mansfield Fire Department to search files for any information regarding USTs or environmental conditions at the Property. A response to this inquiry has not been received by Pennoni. Any findings which change the outcome of this report will be forwarded to the client upon receipt. A copy of the request is included in Appendix J.

7.0 CONCLUSIONS

Pennoni has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of the USEPA 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries; Final Rule (AAI) and ASTM E 1527-05 of the property located at 1660 Storrs Road and 643 Middle Turnpike, Tolland County, Connecticut. The environmental professionals responsible for the preparation of this report have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Property. In addition, we have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

The Property consists of 2 lots (Lots 12 and 13 on Map 2, Block 8). Both lots total 2.39 acres and are located at the intersection of Routes 195 and 44 that is commonly known as the "Four Corners". One (1) building is located on each of the lots. The service station building at 1660 Storrs Road is currently vacant (formerly Citgo) and Kathy John's restaurant and gift shop operates out of the 643 Middle Turnpike address. The area between the two buildings is paved for parking. Each lot has its own septic system, and a drinking water well that services both lots is located immediately northeast of the Kathy John's building. Pennoni did not have access to the inside of the service station building during the site inspection; therefore determinations of environmental conditions are limited to those viewable from the exterior of the building.

This assessment has revealed evidence of recognized environmental conditions (RECs) as defined by the USEPA 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries and the ASTM Standard Practice for Environmental Site Assessments: E 1527-05, consisting of conditions indicative of releases or threatened releases of hazardous substances on, at, in or to the Property. RECs are as follows:

- The Property (1660 Storrs Road) is listed on the Connecticut DEP *List of Contaminated or Potentially Contaminated Sites*. Site status is listed as "Leaking Underground Storage Tank – Remediation Started" and "Leaking Underground Storage Tank – Investigation". Currently DEP Consent Order WC 5077 issued to Republic Oil exists for the site.

- The Property (Republic Oil – 1660 Storrs Road) is listed in the SDADB database. Inclusion of a site in the SDADB indicates a release of hazardous materials to the environment.

- The Property (643 Middle Turnpike) is listed in the Leaking Underground Storage Tank (LUST) database. This database indicates that a fuel oil UST of unknown size and an unknown amount of contaminated soil were removed from 643 Middle Turnpike in June, 1997. According to the Property owner, the 1,000-gallon heating oil UST was removed from the Property approximately ten (10) years ago, along with approximately 3 yards of contaminated soil. The DEP *List of Contaminated or Potentially Contaminated Sites* lists current site status as "Closed".

- The Property was not listed in state UST database; however, four (4) USTs consisting of three (3) 8,000-gallon and one (1) 4,000-gallon tank were installed as replacement product storage tanks at 1660 Storrs Road in September 1990. Prior to these tanks, eight (8) USTs consisting of one (1) 8,000-gallon, four (4) 4,000-gallon, one (1) 2,000-gallon, and two (2) 550-gallon USTs and approximately 65 yards of petroleum contaminated soil were removed from the Property in April 1990.

- Levels of benzene at the site were detected above the State standards in monitoring well MW-2, and levels of methyl-ethyl-ketone were detected above the State standards in monitoring wells MW-5d and MW-6 during the November 2007 groundwater sampling event conducted by Sovereign Consulting Inc.

- Two (2) hydraulic lifts are located in two (2) of the three (3) bays at the service station. It is unknown if these lifts contain PCBs. In addition, three (3) plastic drums were identified in the dumpster area of the service station lot. The contents of the drums are unknown.

- Several site abutters are listed in state and federal databases as well as in the DEP *List of Contaminated or Potentially Contaminated Sites*. In addition, several Property abutters are currently engaged in business activities that have a high probability of polluting the environment. Information is as follows:

    - 644 Middle Turnpike – Dick's repair garage operates out of this address, across Middle Turnpike.

- 650 Middle Turnpike – This address is currently vacant. This location is listed as "Steve Rogers" on the Leaking Underground Storage Tank (LUST) database, as well as on the Connecticut DEP *List of Contaminated or Potentially Contaminated Sites*. Information indicates the former presence of a LUST; however, according to the DEP, the tank has been removed and the project is listed as "Completed".

- 632 Middle Turnpike – CVS pharmacy (formerly an Exxon gasoline station; listed as Alliance Energy) operates at this address, across the Four Corners Intersection. This property is listed in the RCRA-NonGen, LUST, Manifest and FINDS databases, as well as on the Connecticut DEP *List of Contaminated or Potentially Contaminated Sites*. Information indicates the former presence of LUSTs, and according to the DEP, the tanks have been removed. Current project status is listed as "Pending".

- 1659, 1669 Storrs Road – The Public America gas station//Dunkin Donuts is located at across Storrs Road. This property is listed in the Manifest and UST databases, as well as on the Connecticut DEP *List of Contaminated or Potentially Contaminated Sites*. Information indicates the former presence of LUSTs, and according to the DEP, the tanks have been removed. Current project status is listed as "Remediation Started".

8.0 RECOMMENDATIONS

To further assess environmental concerns or conditions at the Property, Pennoni recommends conducting a limited subsurface investigation involving the advancement of soil borings, the installation of an additional monitoring well, and related soil and groundwater sampling and analyses. Specifically, we recommend the following:

1. Screen soil samples from each boring associated with a proposed geotechnical investigation of the Property with a photoionization detector (PID) and if readings are detected above 15 ppm, collect one sample from each boring for lab analysis for CTEPH and VOCs.

2. Advance two (2) borings along Storrs Road to evaluate potential Public America (1669 Storrs Road) contaminant migration.

3. Advance two (2) soil borings in front of the service station and downgradient, and install one new monitoring well to replace the well which could not be sampled during last sampling round.

4. Conduct full round of groundwater monitoring from existing/new wells.

5. Investigate the plugged port behind the service station building.

6. Prepare Limited Subsurface Investigation Report with a summary of finding and recommendations for additional activities, if any.

9.0 ENVIRONMENTAL RISK

Based upon the findings of the Phase I Environmental Site Assessment, Pennoni has determined the environmental risk rating for this Site to be **High**. This risk rating has been assigned primarily due to documented releases of oil and/or hazardous materials at and within the immediate vicinity of Site.

In addition to the Site (both 1660 and 643 Storrs Road), the following properties in the immediate vicinity are also listed by the Connecticut DEP as Contaminated or Potentially Contaminated Sites:

- 1659-1669 Storrs Road, Public America, directly across from the Site to the southwest;
- 632 Middle Turnpike, CVS, across Storrs Road and Middle Turnpike intersection to the south; and
- 650 Middle Turnpike, Subway Development (vacant), across Middle Turnpike to the southeast.

Each of these properties, including the Site, is in various stages of investigation, and based on conversations with the Connecticut DEP are potentially subject to remediation. The issuance of Consent Order WO 5077 to Republic Oil increases the likelihood of enforcement at the Site by the Connecticut DEP, but according to Tim Delgado in the DEP Remediation Division, the State is currently unsure what actions will be required to close the Site. Mr. Delgado further indicated to Pennoni that Republic Oil would remain liable for site cleanup even if the property was sold, unless the company eventually no longer existed. Current or future property owners would only be responsible for addressing any new releases of oil and/or hazardous materials.

Therefore, under current conditions, it is expected that, at a minimum, continued groundwater monitoring of the Site will be required. On an annual basis (i.e., one monitoring event per year), the cost to gauge, sample and analyze groundwater samples (for VOCs) from all site monitoring wells, including a letter report, would be approximately $2,500.00.

The scope of any potential future cleanup activities at the Site can be better defined based on an additional subsurface investigation of the property as recommended herein, and may also be influenced by corrective actions planned for surrounding properties. With respect to the existing service station, possible cleanup activities could include the removal and off-site disposal of contaminated soils and/or the removal and treatment of contaminated groundwater. The extent of any soil removal activities would be based on establishing the current limits of contamination, but in general the removal and disposal of approximately 50 to 100 cubic yards of contaminated soils, including backfill and resurfacing the affected area(s) could cost approximately $20,000 to $25,000.00. Installation and operation and maintenance (O&M) of a long-term groundwater pump and treat system would be substantially higher with the actual design yet to be determined. Based on a relatively simple system of one to two recovery wells and an above ground treatment system consisting of an air stripper and/or activated carbon, the costs for equipment and installation could range from $40,000 to $50,000, with annual O&M costs on the order of $15,000 to $25,000.00. Other potential costs associated with continued operation of the service station include maintenance of the dispensers and underground storage tanks.

In the event the station is closed, Pennoni recommends the removal of the existing UST system and hydraulic lifts. In accordance with Connecticut DEP UST regulations the system may need to be permanently closed anyway if it has been temporarily closed for more than 12 months. The station currently has already been temporarily closed for two months. Removal of these tanks potentially leads to additional liability to new property owners, not only due to the cost of removal, but also due to addressing any contamination which might be encountered upon assessing the site during closure. This liability could be distinct and different from that of Republic Oil if the contamination was not associated with the former USTs on-site. In either event, the Site could be subject to the same or increased investigation and remedial actions as outlined above, in order to comply with the Connecticut DEP.

Although the service station represents the highest environmental risk at the Site, conditions at the Kathy Johns parcel (643 Storrs Road) may also exhibit some potential liability. Even though the property is listed by the Connecticut DEP as a completed leaking underground storage tank site, subsequent subsurface investigations as recommended herein may result in the identification of additional areas at the Site which require further action. The scope of work and costs associated with such actions, if any, will be dependent upon the findings of the additional subsurface investigation of the property, but could potentially involve site monitoring and/or remedial activities similar to 1660 Storrs Road, as well.

10.0 REFERENCES

- ASTM Standards on Environmental Site Assessments for Commercial Real Estate (E 1527-05), Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, 2005.

- Bedrock Geological Map of Connecticut, Department of the Interior, United Stated Geologic Survey, 1985.

- Connecticut DEP on-line *List of Contaminated or Potentially Contaminated Sites.* http://www.ct.gov/dep/lib/dep/site_clean_up/sites/sites_g-m.pdf

- Coventry, Connecticut, USGS, 7.5 minute topographic quadrangle, 1985.

- Certified Sanborn Map Report, Environmental Data Resources Inc, Inquiry Number: 2220414.3, May 14, 2008.

- EDR Historical Topographic Map Report, Environmental Data Resources Inc, Inquiry Number: 2220414.4, May 15, 2008.

- EDR Aerial Photo Decade Package, Environmental Data Resources Inc, Inquiry Number: 2220414.5, May 15, 2008.

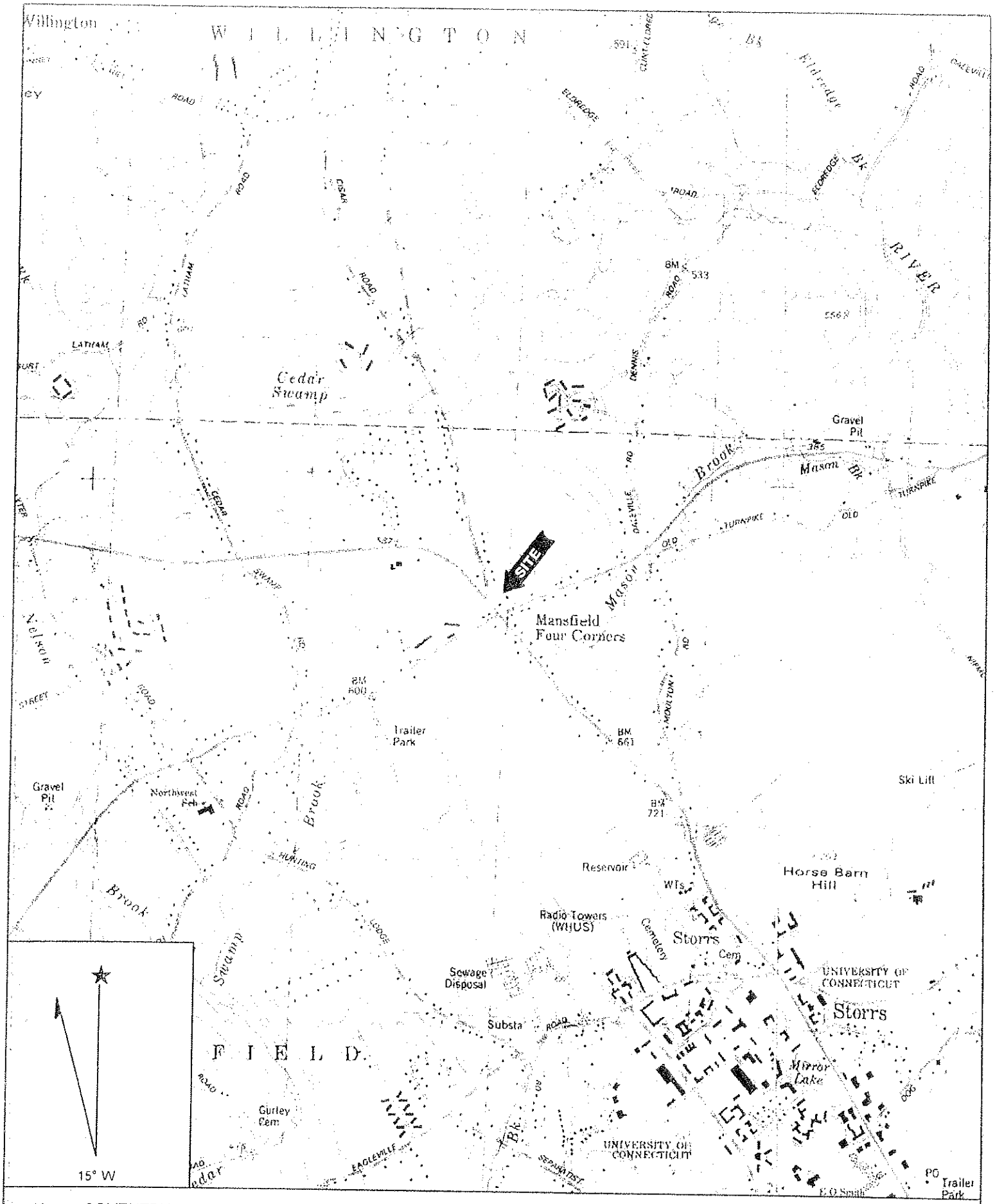
- EDR-City Directory Abstract, Environmental Data Resources Inc, Inquiry Number: 2220414.6, May 15, 2008.

- EDR Radius Map with GeoCheck, Environmental Data Resources Inc, Inquiry Number: 2220414.2s, May 14, 2008.

- Personal Interview with Mr. John Jones (owner), on May 23, 2008.

- *Site Status Report*, Sovereign Consulting Inc, November 2007.

- USEPA 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries; Final Rule, November 1, 2005.



Name: COVENTRY
Date: 5/23/2008
Scale: 1 inch equals 2000 feet

Location: 041° 49' 40.6" N 072° 16' 00.5" W
Caption: Figure 1 - Site Location Map

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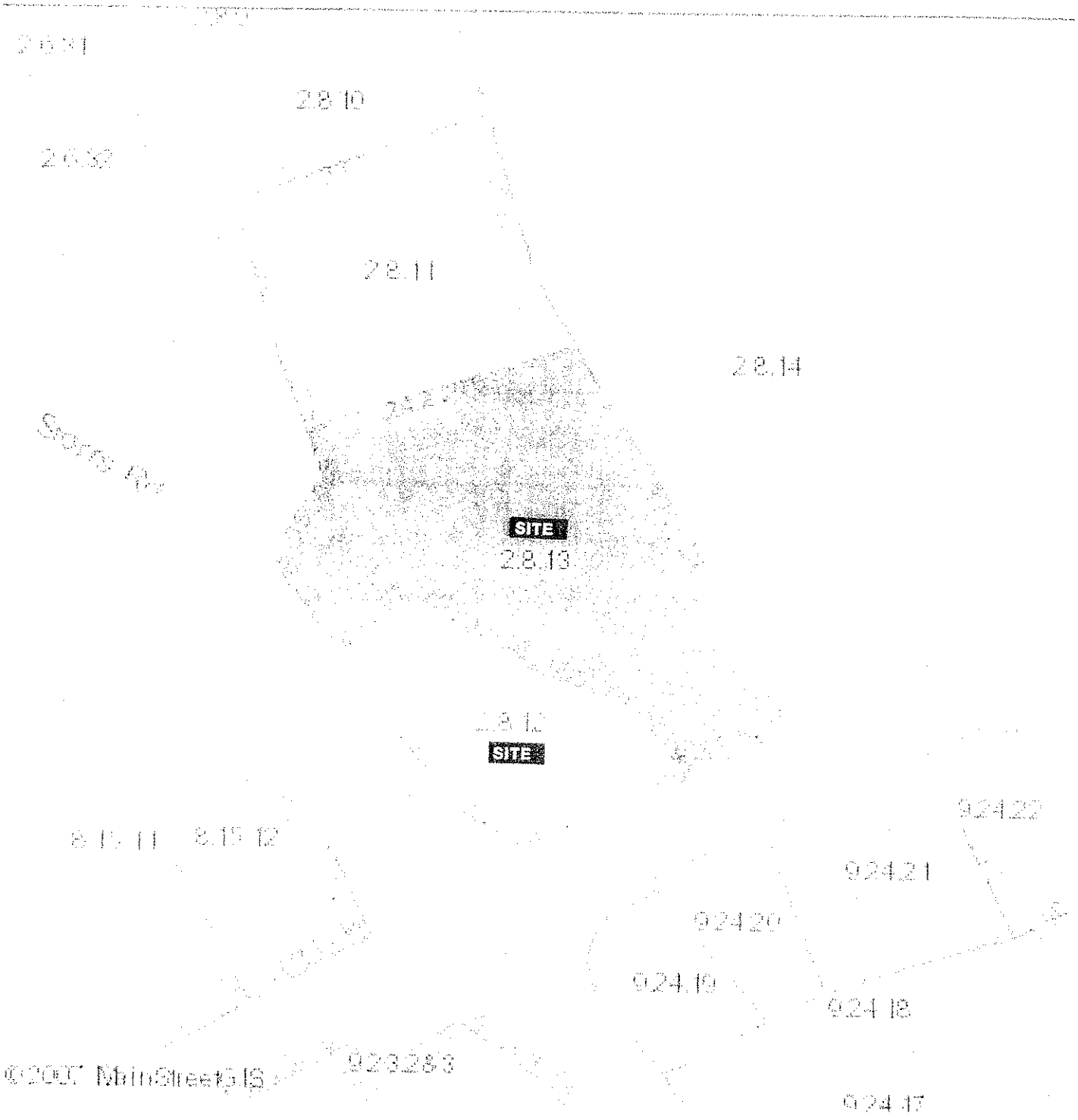


FIGURE 2 – TAX MAP

APPENDIX A

Previous Environmental Site Assessment Reports

SOVEREIGN CONSULTING INC.

Site Status Report

Former Republic Texaco
1660 Storrs Road
Storrs, Connecticut

November 2007

Prepared For:

Republic Oil Company
117 Ash Street
Willimantic, Connecticut

Prepared By:

Sovereign Consulting Inc.
6 Glen Road
Sandy Hook, Connecticut 06482

Sovereign Project No. RE-009

Table of Contents

Page

1.0 SCOPE OF WORK 1

2.0 SITE FEATURES 1

3.0 SITE HISTORY 1

4.0 GROUND WATER MONITORING & QUALITY DATA 4

4.1 HYDRAULIC GRADIENT DETERMINATION 4

4.2 GROUND WATER QUALITY 4

5.0 SUMMARY/DISCUSSION 5

Appendixes

Appendix A – Figures
Figure 1 – Site Diagram
Figure 2 – Site Plan
Figure 3 – Ground Water Classification Map
Figure 4 – Ground Water Summary Diagram, November 27, 2007

Appendix B – Tables
Table 1 – Ground Water Monitoring and Sampling Data

Appendix C – Laboratory Reports

1.0 Scope of Work

Sovereign Consulting Inc. (Sovereign) has been retained by Republic Oil Company (Republic) to conduct a ground water monitoring and sampling effort at the former Republic Texaco located at 1660 Storrs Road in Storrs, Connecticut

2.0 Site Features

The site, an active retail petroleum service station, is located at the intersection of Routes 44 and 195 in Storrs, Connecticut. The site contains a one (1) story brick building which contains a three (3) service bays, office area, storage space, and restrooms. Four (4) underground storage tanks (UST) are located on the eastern side of the station which supplies two (2) pump islands located in the central portion of the site.

Topographic relief in the area is generally level with an upwards slope to the southeast. The site area is generally covered with asphalt/concrete with the exception of a large grass island located in the southern corner of the property. Eight (8) overburden monitoring wells, MW-1, MW-2, MW-4, and, MW-6, including nested well pairs NW-3s, NW-3d and NW-5s and NW-5d, are located across the site.

Behind the station to the northeast is a parking area and Kathy Johns Restaurant, to the southwest is Mobil Service Station, to the southeast is Dick's repair garage, and to the northwest is vacant land then Route 320. A Site Location Map, Figure 1 Appendix A, details the location of the property and Figure 2, Appendix A, detail site specific features.

The Connecticut Department of Environmental Protection (DEP) has designated the ground water underlying the area as GA. GA ground water is located within the area of influence of private and potential public water supply wells. Ground water within this classification are presumed suitable for direct human consumption without the need for treatment. The designated uses of Class GA ground water are existing private and potential public water supply. The State's goal is to maintain the drinking water Class GA. An excerpt of the DEP "Water Quality Classifications – Thames River, Pawcatuck River and Southeast Coastal Basins" map (November -2000) depicting the site location is detailed in Figure 3, Appendix A.

3.0 Site History

In April 1990, Republic removed and replaced four (4) 4,000-gallon, one (1) 2,000-gallon, one (1) 8,000-gallon, and two (2) 550-gallon UST from three (3) separate areas of the site. DEP correspondences indicate the tanks were being removed due to tank failures. During the removal of the tanks impacted soils were reported within the southern tank grave. These impacted soils were reportedly attributed to a broken drain pipe emanating from the garage area. Several soil samples were collected from the graves by the DEP and Republic Oil. While volatile organic compounds (VOCs) were detected in the samples collected, the specific location of each sample within the tank graves was not documented.

By September 1990, Republic had completed the installation of four (4) replacement tanks which consisted of three (3) 8,000-gallon tanks and one (1) 4,000-gallon tank. During the installation activities, approximately 65-yards of excavated soils were reportedly removed from the site and deposited at the nearby Becker Sand and Gravel property. When the DEP arrived on the site, they

ordered the excavated soils be stockpiled on-site. Clean fill was delivered to the site for backfill material. Laboratory analyses of the stockpile soil samples revealed that only one (1) of the three (3) samples collected contained any VOCs concentrations. Specifically 0.3-milligrams per kilogram (mg/kg) of total xylenes were reported in the sample. Subsequently, Republic was allowed to dispose of the soils at the Willington Landfill.

On March 26, 1991, the DEP issued Order WC 4996 to Republic for maintaining a facility or condition which reasonably can be expected to create a source of pollution to the waters of the State of Connecticut. In response, Republic filed an appeal to the Order.

In response to the conditions of the Order WC 4996, Fuss & O'Neill, Inc. (F&O) prepared a Scope of Study on behalf of Republic and submitted the work scope to the DEP in December 1991. By June 1992 an amended Consent Order WC 5077, which replaced WC 4996, was accepted by Republic.

In April 1993, the DEP responded to the Fuss & O'Neil Scope of Study, indicated it was unacceptable, and requested a revised scope of work. By late May 1993, F&O submitted a revised work plan; however in November 1993 the DEP had rejected the revised plan. By mid December 1993 Republic retained another environmental consultant, Tyree Organization, Ltd. (Tyree), to provide professional consulting services and to prepare another revised work plan for submission to the DEP. In April 1994 Tyree provided the revised plan and over the subsequent months completed the actions outlined in the work scope.

Tyree initiated the Scope of Study by completing a soil gas survey (SGS) of the property. Twelve (12) shallow soil gas probes were installed at the site utilizing a Geoprobe®. Initial screening of the soil gas with a photoionization detector (PID) did not identify any elevated concentrations of volatile organic compounds (VOCs). PID concentrations ranged from 1.4-parts per million (ppm) to 6.8-ppm.

Following the SGS, Tyree completed a total of six (6) Geoprobe® borings; five (5) were completed around the main tank area and one (1) in the area of the former 550-gallon waste oil tank located behind the building, in order to document excavation extents from the earlier tank removal efforts. Soil samples were collected from each boring and all were analyzed for Total Petroleum Hydrocarbons (TPH) and VOCs via EPA Method 8010 and 8020. The soil sample collected from B-1, in the area of the former waste oil tank, was also analyzed for polychlorinated biphenyls (PCBs). Results from the Geoprobe® soil sample analyses are as follows:

- TPH was detected in all the samples collected and ranged from 93.9-mg/kg in the sample collected from B-1 to 463-mg/kg in the sample collected from B-6.
- No PCB's were detected in the sample collected from B-1
- No EPA Method 8010 compounds were detected in any of the samples collected.
- Only two (2) EPA Method 8020 compounds were detected in all the samples collected; toluene was detected at a concentration of 0.002-mg/kg in the sample collected from B-1 and xylenes concentrations were detected in the samples collected from B-1 and B-5 at concentrations of 0.005-mg/kg and 0.004-mg/kg, respectively.

Following the limited Geoprobe® investigation, Tyree completed six (6) additional borings/monitoring wells utilizing a hollow stem auger drill rig. Four (4) of the borings/monitoring wells were completed in the eastern side portion of the site in and around the current tank and pump island area and two (2) in the area of the former pump island removed in 1990. Soil samples were collected from each boring (ranging from 2-4-feet below grade (fbg) to 6-8-fbg) and all were analyzed for TPH and for

VOCs via EPA Method 8010 and 8020. The following are the results of the soil sample analyses associated with borings W-1 through W-6:

- TPH was detected in all the samples collected and ranged from 103-mg/kg in the sample collected from W-6 to 280-mg/kg in the sample collected from W-3.
- No EPA Method 8010 compounds were detected in any of the samples collected.
- Only two (2) EPA Method 8020 compounds were detected in all the samples collected; toluene was detected at concentrations of 0.145-mg/kg and 0.026-mg/kg in the sample collected from W-1 and W-2, respectively and xylenes were detected at concentrations of 1.180-mg/kg and 0.265-mg/kg in the sample collected from W-1 and W-2, respectively.

Upon completion of each boring, 2-inch diameter monitoring wells were installed with the exception of borings W-3 and W-5 where sets of nested well pairs were installed. Ground water flow was later determined to be towards the west/northwest. Following the completion of the monitoring wells, two (2) sets of ground water samples were collected from each monitoring well approximately 1-month apart and were analyzed for VOCs via EPA Method 8010 and 8020. The following are the results of the ground water analyses associated with monitoring wells W-1 through W-6:

- No EPA Method 8010 compounds were detected in any of the samples collected.
- Only five (5) EPA Method 8020 compounds were detected in all the samples collected;
  1. Benzene concentrations were detected in only two (2) monitoring wells (W-1 and W-2) and at concentrations ranging from 450-micrograms per liter (ug/l) (W-2, 6/27/94) to 950-ug/l (W-1, 6/1/94).
  2. Ethylbenzene concentrations were detected in only two (2) monitoring wells (W-1 and W-2) and at concentrations ranging from 475-ug/l (W-2, 6/27/94) to 2,100-ug/l (W-1, 6/1/94).
  3. Toluene concentrations were detected in only two (2) monitoring wells (W-1 and W-2) and at concentrations ranging from 130-ug/l (W-2, 6/27/94) to 1,450-ug/l (W-1, 6/1/94).
  4. Total xylene concentrations were detected in only three (3) monitoring wells (W-1, W-2, and W-3) and at concentrations ranging from 3-ug/l (W-3, 6/1/94) to 7,250-ug/l (W-1, 6/1/94).
  5. Methyl tertiary butyl ether (MTBE) concentrations were detected in four (4) monitoring wells (W-1, W-2, W-5s, and W-6) and at concentrations ranging from 2-ug/l (W-5s, 6/1/94) to 100-ug/l (W-1 and W-2, 6/1/94).

In November 2007, Sovereign was retained by Republic to assess conditions of the monitoring wells at the site, complete a ground water monitoring and sampling event, and complete a survey of the property in order to develop a detailed scaled diagram. Sovereign completed an initial site visit on November 15, 2007, during which Sovereign identified eight (8) overburden monitoring wells at the site. The well locations and depths correspond to the wells installed by Tyree in mid-1994 which Tyree labeled W-1, W-2 and, W-3s, W-3d, W-4, W-5s W-5d and W-6. Sovereign subsequently renamed the monitoring wells MW-1, MW-2, NW-3s, NW-3d, MW-4, NW-5s, NW-5d, and MW-6.

During Sovereign's inspection, it was noted that due to the poor condition of the manholes, specifically NW-3 and NW-5, and the fact that shallow wells NW-3s and NW-5s were observed to be fully screened to grade, surface sediments have infiltrated the manways of the roadboxes, which has

resulted in the wells becoming partially filled in with sediments. Efforts to purge most of the sediments were completed during the subsequent monitoring and sampling event, however NW-3s was unable to be cleared, hence a ground water sample was not collected from this well.

4.0 Ground Water Monitoring & Quality Data

4.1 Hydraulic Gradient Determination

Following the site inspection on November 15, 2007, depth to ground water measurements were recorded from all monitoring wells on November 27, 2007. Depth to ground water ranged from 4.92 fbg in monitoring well MW-1 to 5.54 fbg in monitoring well NW-5d. No liquid phase hydrocarbons (LPH) were detected in any of the monitoring wells gauged. Based on the relative ground water elevations monitored in November 2007, local ground water flow is generally toward the east-northeast.

Table 1, Appendix 2, displays the corrected ground water elevations relative to an arbitrary benchmark and Figure 4, Appendix A, details the relative ground water contours and flow direction based on the November 27, 2007, monitoring event.

4.2 Ground Water Quality

Following the ground water gauging, ground water samples were subsequently collected from the monitoring wells on November 27, 2007. Samples were packed on ice and were later submitted to a Connecticut certified laboratory for VOC analyses via EPA Method 8260.

Results from the ground water sampling event were later compared to the GA Ground Water Protection Criteria (GA-GPC) and Residential Volatilization Criteria (Res-VC). The following is a summary of only the compounds detected which exceeded either the GA-GPC and/or Res-VC:

- The *benzene* concentration detected at 79-ug/l in the ground water sample collected from monitoring well MW-2 exceeded the GA-GPC of 1-ug/l.
- The *2-butanone* or methyl-ethyl-ketone concentrations detected at 4,140-ug/l and 704-ug/l, in the ground water samples collected from monitoring well NW-5d and MW-6, respectively, exceeded the GA-GPC of 61-ug/l. Additionally, the concentration detected in the sample from NW-5d (4,140-ug/l) also exceeded the Res-VC of 1,500-ug/l.

Numerous other compounds for which the DEP does not have established standards were also detected in the ground water samples collected and include:

- *tert-amyl methyl ether* which was detected at 2.2-ug/l and 3.54-ug/l in the ground water samples collected from MW-1 and MW-2, respectively.
- *tert-butyl ethyl ether* which was detected at 4.1-ug/l and 12.4-ug/l in the ground water samples collected from MW-1 and MW-2, respectively.
- *tetrahydrofuran* which was detected at 54.2-ug/l, 6,210-ug/l, and 707-ug/l in the ground water samples collected from NW-5s, NW-5d, and MW-6, respectively.

Table 1, Appendix B, details the November 2007 analytical data, as well as past historical results and Figure 5, Appendix A, details the VOCs constituents detected in site monitoring wells which exceeded either the GA-GPA and/or Res-VC. Complete laboratory reports for the November 2007 sampling event are included in Appendix C.

5.0 Summary/Discussion

In November 2007, Republic contracted Sovereign to conduct a site inspection and a ground water monitoring and sampling event at the former Republic Texaco located at 1660 Storrs Road in Storrs, Connecticut. During Sovereign's initial site visit on November 15 2007, eight (8) overburden monitoring wells were identified at the site. The well locations and depths correspond to the wells installed by Tyree in mid-1994 which Tyree labeled W-1, W-2 and, W-3s, W-3d, W-4, W-5s W-5d and W-6. Sovereign subsequently renamed the monitoring wells MW-1, MW-2, NW-3s, NW-3d, MW-4, NW-5s, NW-5d, and MW-6.

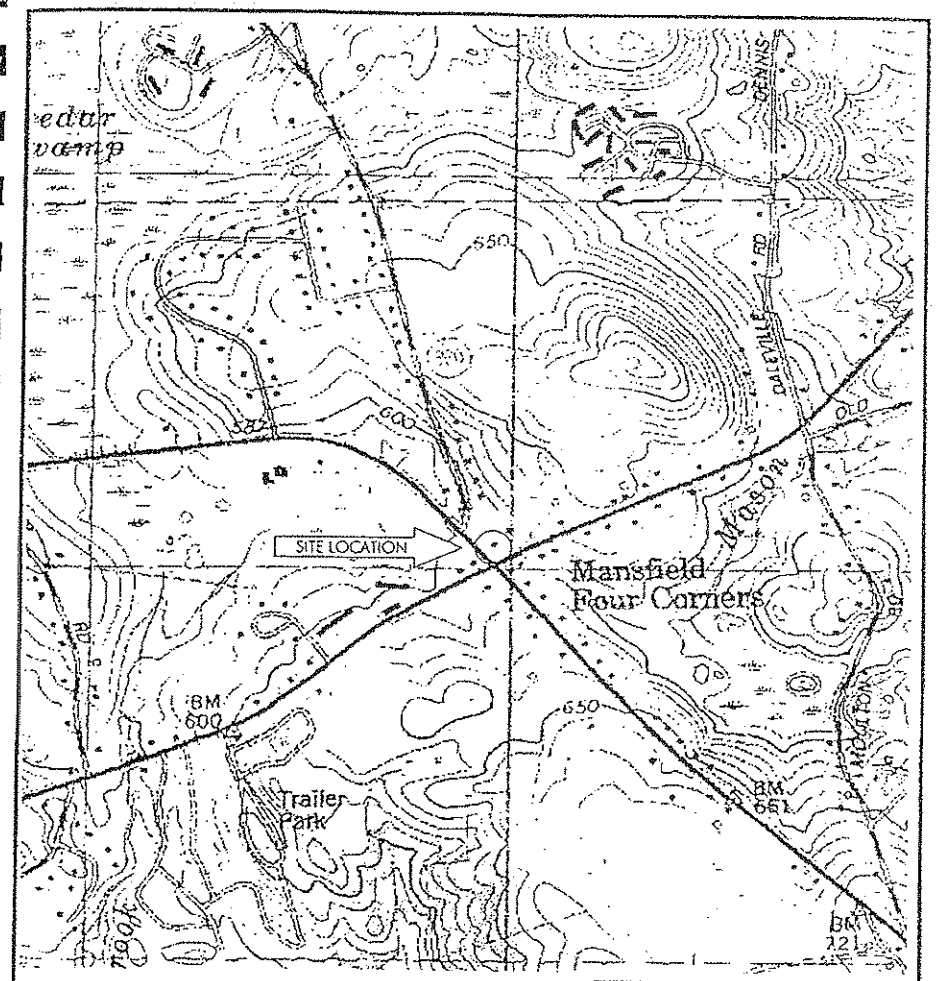
Also during Sovereign's initial site inspection, it was noted that due to the poor condition of the manholes, specifically NW-3 and NW-5, and the fact the shallow wells NW-3s and NW-5s were observed to be fully screened to grade, surface sediments have infiltrated the manways of the roadboxes, which has resulted in the wells becoming partially filled in with sediments. Efforts to purge most of the sediments were completed during the subsequent monitoring and sampling event, however NW-3s was unable to be cleared, hence a ground water sample was not collected from this well.

On November 27, 2007, Sovereign returned to the site to perform a ground water monitoring and sampling effort and to survey the entire site to develop a comprehensive site diagram. Each monitoring well was gauged for depth to ground water and/or the presence of LPH. No LPH were detected in any of the monitoring wells and depths to ground water ranged from 4.92 fbg in monitoring well MW-1 to 5.54 fbg in monitoring well NW-5d. Based on the relative ground water elevations monitored in November 2007, local ground water flow is generally toward the east-northeast. Although monitoring well pods/roadboxes are in need of repair, ground water contouring data did not suggest any mounding of the water table which can be a result when surface water enters or leaks into shallow well points.

Following the ground water monitoring, ground water samples were collected from all site monitoring wells with the exception of monitoring well MW-3s. Samples were analyzed from VOCs's via EPA Method 8260. The only two (2) VOC constituents that were detected at concentrations which exceed established standards are as follows:

- The benzene concentration detected of 79-ug/l, in the ground water sample collected from monitoring well MW-2 exceeded the GA-GPC of 1-ug/l.
- The *2-butanone* or *methyl-ethyl-ketone* concentrations detected at 4,140-ug/l and 704-ug/l, in the ground water samples collected from monitoring well NW-5d and MW-6, respectively, exceeded the GA-GPC of 61-ug/l. Additionally, the concentration detected in the sample from NW-5d (4,140-ug/l) also exceeded the Res-VC of 1,500-ug/l.

It should be noted that the detection of *2-butanone* or *methyl-ethyl-ketone* along with the detection of *tetrahydrofuran* concentrations in monitoring wells NW-5s, NW-5d, and MW-6 is likely the result from the well head repairs which were made to these wells just prior to the gauging event. The cleaners/ primers and cements used to make the needed repairs commonly contain these compounds.



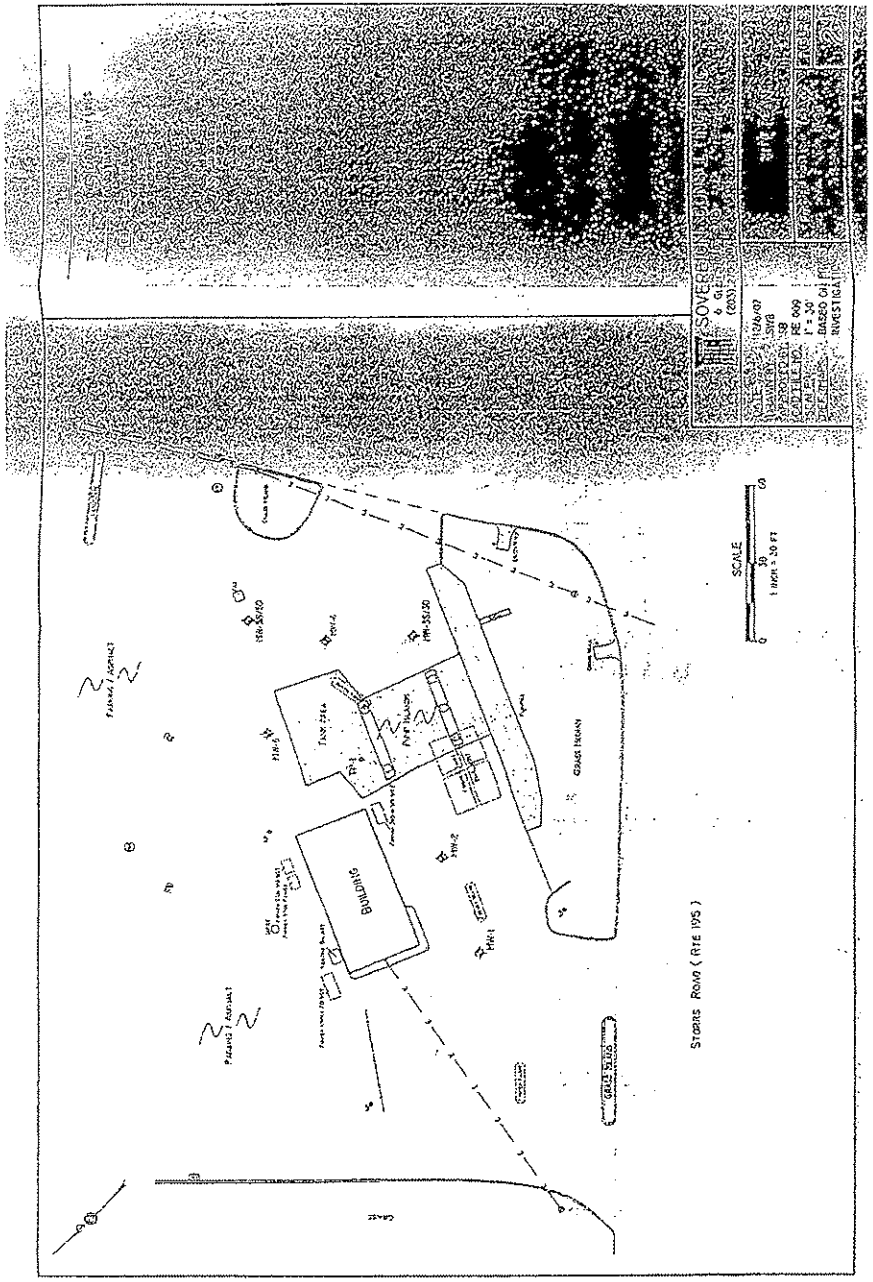
Reference: South Coventry, Connecticut Quadrangle - USGS July 1991

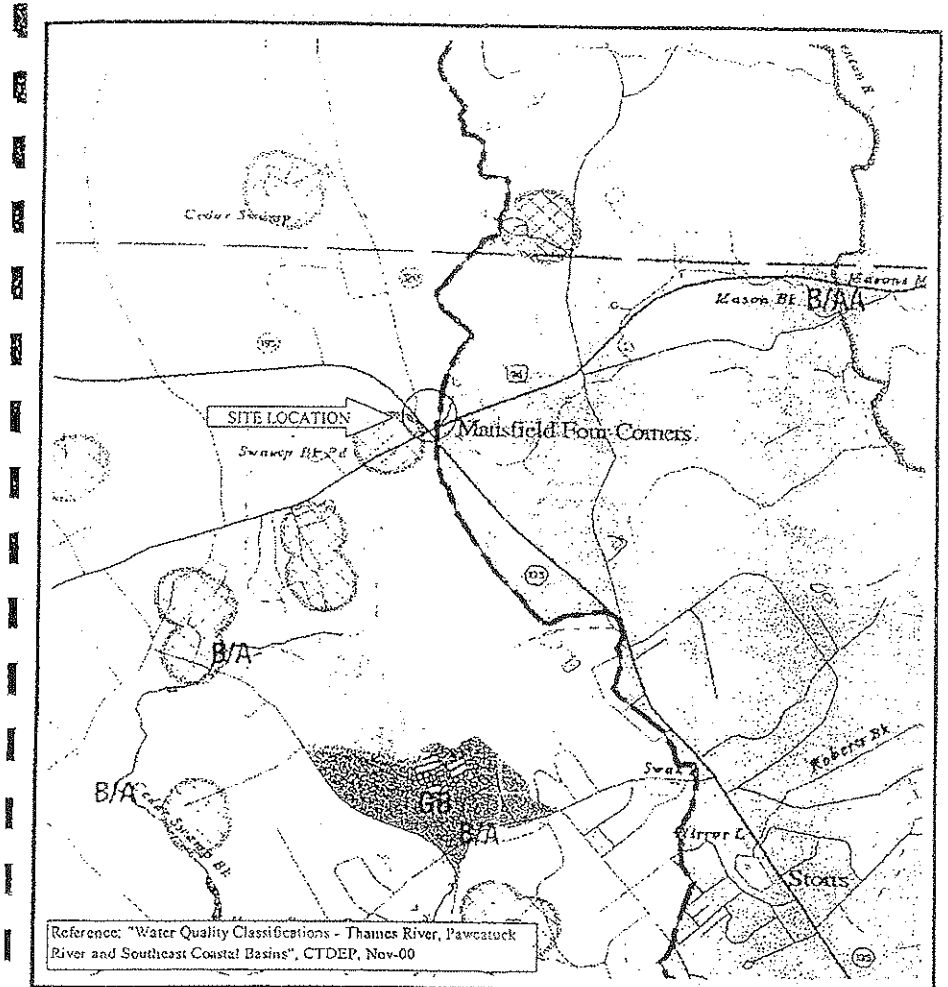
Sovereign Consulting, Inc.

FIGURE 1
SITE LOCATION MAP

Former Republic Texaco
1660 Storrs Road, Storrs, CT

Sovereign Job No.	Scale
R5009	1" = 1000' (Approx.)





GROUND WATER

Sovereign Consulting, Inc.

FIGURE 3
GROUND WATER QUALITY MAP

Former Republic Texaco
1660 Storrs Road, Storrs, CT

Sovereign Job No.	Scale
R5009	1" = 2000' (Approx.)

Table 1 - Ground Water Monitoring and Sampling Data - Detected Compounds Only

Former Republic Tobacco
1660 Storrs Road
Storrs, Connecticut

Well	Date	Casing Elevation (ft)	Depth to Ground Water (ft)	Relative Ground Water Elevation (ft)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone (MEK)	Acetone	Benzene	Ethylbenzene	Isopropylbenzene	N-Propylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	tert-Amyl Methyl Ether	tert-Butyl Ethyl Ether	Trimethylbenzene	Toluene	Xylenes
Ground Water Protection Criteria					350	350	61	700	1	1,000	30	100	240	61	61	61	na	na	na	700	530
Residential Volatilization Criteria					360	260	1,500	50k	120	7,300	2,800	21,000	na	1500	na	1,500	na	na	na	2,700	6,700
MW-1	6/1/94	100.86	4.56	96.30	na	na	na	na	950	2,100	na	100	na	na	na	na	na	na	na	1,450	7,250
(W-1)	6/27/94		na	na	na	na	na	na	475	1,030	na	<50	na	na	na	na	na	na	na	800	4,580
	11/27/07	98.08	4.92	93.16	17.5	15.5	<50	<50	<1	5.1	5.2	38.6	<1	2.9	18.4	3.5	2.2	4.1	<10	<1	<1
MW-2	6/1/94	101.73	4.69	97.05	na	na	na	na	775	475	na	100	na	na	na	na	na	na	na	250	4,400
(W-2)	6/27/94		na	na	na	na	na	na	450	850	na	46	na	na	na	na	na	na	na	130	7,100
	11/27/07	99.81	5.12	93.69	46	7.8	<50	<50	79	352	13.5	68.6	15.6	<1	21.6	<1	3.5	12.4	<10	46.5	230
MW-3s	6/1/94	102.84	4.56	98.28	na	na	na	na	<1	<1	na	<1	na	na	na	na	na	na	na	<1	<1
(W-3s)	6/27/94		na	na	na	na	na	na	<1	<1	na	<1	na	na	na	na	na	na	na	<1	<1
	11/27/07	99.93	5.33	94.60	na	na	na	na	<1	<1	na	<1	na	na	na	na	na	na	na	<1	<1
MW-3d	6/1/94	102.79	4.51	98.28	na	na	na	na	<1	<1	na	<1	na	na	na	na	na	na	na	<1	3.0
(W-3d)	6/27/94		na	na	na	na	na	na	<1	<1	na	<1	na	na	na	na	na	na	na	<1	<1
	11/27/07	99.84	5.17	94.67	<1	<1	<50	<50	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	<10	<1	<1
MW-4	6/1/94	102.83	4.75	98.08	na	na	na	na	<1	<1	na	<1	na	na	na	na	na	na	na	<1	<1
(W-4)	6/27/94		na	na	na	na	na	na	<1	<1	na	<1	na	na	na	na	na	na	na	<1	<1
	11/27/07	99.92	5.30	94.62	<1	<1	<50	<50	<1	<1	<1	<1	<1	<1	<1	1.2	<0.5	<0.5	<10	<1	<1
MW-5s	6/1/94	102.79	4.70	98.09	na	na	na	na	<1	<1	na	2.0	na	na	na	na	na	na	na	<1	<1
(W-5s)	6/27/94		na	na	na	na	na	na	<1	<1	na	<1	na	na	na	na	na	na	na	<1	<1
	11/27/07	99.95	5.25	94.70	<1	<1	30.4	<50	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	54.2	<1	<1
MW-5d	6/1/94	102.70	4.61	98.09	na	na	na	na	<1	<1	na	<1	na	na	na	na	na	na	na	<1	<1
(W-5d)	6/27/94		na	na	na	na	na	na	<1	<1	na	<1	na	na	na	na	na	na	na	<1	<1
	11/27/07	100.34	5.54	94.80	<1	<1	4,140	<50	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	6,210	<1	<1
MW-6	6/1/94	101.90	3.93	97.97	na	na	na	na	<1	<1	na	4.0	na	na	na	na	na	na	na	<1	<1
(W-6)	6/27/94		na	na	na	na	na	na	<1	<1	na	<1	na	na	na	na	na	na	na	<1	<1
	11/27/07	99.61	5.06	94.55	<1	<1	704	93.7	<1	<1	<1	<1	<1	<1	<1	<1	<0.5	<0.5	707	<1	<1

Notes:
All VOC concentrations displayed in micrograms per liter (ug/l)
Shaded concentrations exceed DEP Criteria.
na - not established
no - not analyzed
-Criteria based on detection limits.
ns - not sampled
nm - not monitored

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REPORT DATE 12/7/2007

SOVEREIGN CONSULTING
6 GLEN ROAD
SANDY HOOK, CT 06482
ATTN: SCOTT BEALS

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-11725
JOB NUMBER: RE009-100-02

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 1660 STORRS ROAD, STORRS, CT.

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST
MW-1	07846292	GRND WATER	NOT SPECIFIED	8260 water
MW-2	07846293	GRND WATER	NOT SPECIFIED	8260 water
MW-4	07846295	GRND WATER	NOT SPECIFIED	8260 water
MW-5D	07846297	GRND WATER	NOT SPECIFIED	8260 water
MW-5S	07846296	GRND WATER	NOT SPECIFIED	8260 water
MW-6	07846298	GRND WATER	NOT SPECIFIED	8260 water
MW-3D	07846294	GRND WATER	NOT SPECIFIED	8260 water

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ANALYTICAL SUMMARY

LIMS BAT #: LIMT-11725
JOB NUMBER: RE009-100-02

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

Comments :

LIMS BATCH NO. : LIMT-11725

IN METHOD 8260, FOR SAMPLES 07B46294-07B46298, ANY REPORTED RESULTS FOR BROMOMETHANE, 1,2-DIBROMO-3-CHLOROPROPANE, 1,4-DIOXANE, CHLOROMETHANE, 1,2,4-TRICHLOROBENZENE, NAPHTHALENE, 1,2,3-TRICHLOROBENZENE, AND TERT BUTYL ALCOHOL ARE ESTIMATED. EITHER INITIAL OR CONTINUING CALIBRATION DID NOT MEET REQUIRED CRITERIA.

IN METHOD 8260, FOR SAMPLES 07B46292 AND 07B46293, ANY REPORTED RESULTS FOR BROMOMETHANE, 1,2-DIBROMO-3-CHLOROPROPANE, 1,4-DIOXANE, DICHLORODIFLUOROMETHANE, CHLOROMETHANE, CARBON TETRACHLORIDE, 1,2,4-TRICHLOROBENZENE, NAPHTHALENE, 1,2,3-TRICHLOROBENZENE, AND TERT BUTYL ALCOHOL ARE ESTIMATED. EITHER INITIAL OR CONTINUING CALIBRATION DID NOT MEET REQUIRED CRITERIA.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations. AIHA accreditations only apply to NIOSH methods and Environmental Lead Analyses.

AIHA 100033	AIHA ELLAP (LEAD) 100033	NORTH CAROLINA CERT. #652
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0557	VERMONT DOH (LEAD) No. LL015036	FLORIDA DOH E871027 (AIR)
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Sondra L. Slesinski 12/07/07
SIGNATURE DATE

Tod Kopyscinski, Director of Operations
Sondra L. Slesinski, Quality Assurance Officer
Edward Denson, Technical Director

* See end of data tabulation for notes and comments pertaining to this sample

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SANDY HOOK, CT 06482

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-1

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B46292 Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Acetone	ug/l	ND	11/30/07	LBD	50.0			
Acrylonitrile	ug/l	ND	11/30/07	LBD	5.0			
tert-Amylmethyl Ether	ug/l	2.2	11/30/07	LBD	0.5			
Benzene	ug/l	ND	11/30/07	LBD	1.0			
Bromobenzene	ug/l	ND	11/30/07	LBD	1.0			
Bromochloromethane	ug/l	ND	11/30/07	LBD	1.0			
Bromodichloromethane	ug/l	ND	11/30/07	LBD	1.0			
Bromoform	ug/l	ND	11/30/07	LBD	5.0			
Bromomethane	ug/l	ND	11/30/07	LBD	5.0			
2-Butanone (MEK)	ug/l	ND	11/30/07	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	11/30/07	LBD	35.0			
n-Butylbenzene	ug/l	2.9	11/30/07	LBD	1.0			
sec-Butylbenzene	ug/l	3.5	11/30/07	LBD	1.0			
tert-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
tert-Butylethyl Ether	ug/l	4.1	11/30/07	LBD	0.5			
Carbon Disulfide	ug/l	ND	11/30/07	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	11/30/07	LBD	1.0			
Chlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
Chlorodibromomethane	ug/l	ND	11/30/07	LBD	0.5			
Chloroethane	ug/l	ND	11/30/07	LBD	2.0			
Chloroform	ug/l	ND	11/30/07	LBD	2.0			
Chloromethane	ug/l	ND	11/30/07	LBD	2.0			
2-Chlorotoluene	ug/l	ND	11/30/07	LBD	1.0			
4-Chlorotoluene	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	11/30/07	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	11/30/07	LBD	2.00			
Dibromomethane	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,4-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

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SANDY HOOK, CT 06482

12/7/2007

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-1

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B46292
Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
trans-1,4-Dichloro-2-Butene	ug/l	ND	11/30/07	LBD	5.0			
Dichlorodifluoromethane	ug/l	ND	11/30/07	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	11/30/07	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	11/30/07	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	11/30/07	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	11/30/07	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	11/30/07	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	11/30/07	LBD	5.0			
Diethyl Ether	ug/l	ND	11/30/07	LBD	2.0			
Diisopropyl Ether	ug/l	ND	11/30/07	LBD	0.5			
1,4-Dioxane	ug/l	ND	11/30/07	LBD	50.0			
Ethyl Benzene	ug/l	5.1	11/30/07	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	11/30/07	LBD	1.0			
2-Hexanone	ug/l	ND	11/30/07	LBD	10.0			
Isopropylbenzene	ug/l	5.2	11/30/07	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	11/30/07	LBD	1.0			
MTBE	ug/l	38.6	11/30/07	LBD	1.0			
Methylene Chloride	ug/l	ND	11/30/07	LBD	5.0			
MIBK	ug/l	ND	11/30/07	LBD	10.0			
Naphthalene	ug/l	ND	11/30/07	LBD	2.0			
n-Propylbenzene	ug/l	18.4	11/30/07	LBD	1.0			
Styrene	ug/l	ND	11/30/07	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	11/30/07	LBD	4.0			
1,1,2,2-Tetrachloroethane	ug/l	ND	11/30/07	LBD	0.5			
Tetrachloroethylene	ug/l	ND	11/30/07	LBD	1.0			

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
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* = See end of report for comments and notes applying to this sample

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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12/7/2007

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-1

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B46292
Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Tetrahydrofuran	ug/l	ND	11/30/07	LBD	10.0			
Toluene	ug/l	ND	11/30/07	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	11/30/07	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	11/30/07	LBD	1.0			
Trichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	11/30/07	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	11/30/07	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	11/30/07	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	17.5	11/30/07	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	15.5	11/30/07	LBD	1.0			
Vinyl Chloride	ug/l	ND	11/30/07	LBD	2.0			
m + p Xylene	ug/l	ND	11/30/07	LBD	2.0			
o-Xylene	ug/l	ND	11/30/07	LBD	1.0			

Analytical Method:
SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
NM = Not Measured
* = See end of report for comments and notes applying to this sample

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

SCOTT BEALS
SOVEREIGN CONSULTING
6 GLEN ROAD
SANDY HOOK, CT 06482

12/7/2007

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-2

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B48293
Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Acetone	ug/l	ND	11/30/07	LBD	50.0			
Acrylonitrile	ug/l	ND	11/30/07	LBD	5.0			
tert-Amylmethyl Ether	ug/l	3.5	11/30/07	LBD	0.5			
Benzene	ug/l	79.3	11/30/07	LBD	1.0			
Bromobenzene	ug/l	ND	11/30/07	LBD	1.0			
Bromochloromethane	ug/l	ND	11/30/07	LBD	1.0			
Bromodichloromethane	ug/l	ND	11/30/07	LBD	1.0			
Bromoform	ug/l	ND	11/30/07	LBD	5.0			
Bromomethane	ug/l	ND	11/30/07	LBD	5.0			
2-Butanone (MEK)	ug/l	ND	11/30/07	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	11/30/07	LBD	35.0			
n-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
sec-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
tert-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
tert-Butylethyl Ether	ug/l	12.4	11/30/07	LBD	0.5			
Carbon Disulfide	ug/l	ND	11/30/07	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	11/30/07	LBD	1.0			
Chlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
Chlorodibromomethane	ug/l	ND	11/30/07	LBD	0.5			
Chloroethane	ug/l	ND	11/30/07	LBD	2.0			
Chloroform	ug/l	ND	11/30/07	LBD	2.0			
Chloromethane	ug/l	ND	11/30/07	LBD	2.0			
2-Chlorotoluene	ug/l	ND	11/30/07	LBD	1.0			
4-Chlorotoluene	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	11/30/07	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	11/30/07	LBD	2.00			
Dibromomethane	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,4-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
NM = Not Measured
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Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-2

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B48293
Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
trans-1,4-Dichloro-2-Butene	ug/l	ND	11/30/07	LBD	5.0			
Dichlorodifluoromethane	ug/l	ND	11/30/07	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	11/30/07	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	11/30/07	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	11/30/07	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	11/30/07	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	11/30/07	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	11/30/07	LBD	5.0			
Diethyl Ether	ug/l	ND	11/30/07	LBD	2.0			
Diisopropyl Ether	ug/l	ND	11/30/07	LBD	0.5			
1,4-Dioxane	ug/l	ND	11/30/07	LBD	50.0			
Ethyl Benzene	ug/l	352	11/30/07	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	11/30/07	LBD	1.0			
2-Hexanone	ug/l	ND	11/30/07	LBD	10.0			
Isopropylbenzene	ug/l	13.5	11/30/07	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	11/30/07	LBD	1.0			
MTBE	ug/l	68.6	11/30/07	LBD	1.0			
Methylene Chloride	ug/l	ND	11/30/07	LBD	5.0			
MIBK	ug/l	ND	11/30/07	LBD	10.0			
Naphthalene	ug/l	15.6	11/30/07	LBD	2.0			
n-Propylbenzene	ug/l	21.6	11/30/07	LBD	1.0			
Styrene	ug/l	ND	11/30/07	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	11/30/07	LBD	4.0			
1,1,2,2-Tetrachloroethane	ug/l	ND	11/30/07	LBD	0.5			
Tetrachloroethylene	ug/l	ND	11/30/07	LBD	1.0			

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Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-2

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B46293 *
Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Tetrahydrofuran	ug/l	ND	11/30/07	LBD	10.0			
Toluene	ug/l	46.5	11/30/07	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	11/30/07	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	11/30/07	LBD	1.0			
Trichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	11/30/07	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	11/30/07	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	11/30/07	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	46.0	11/30/07	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	7.8	11/30/07	LBD	1.0			
Vinyl Chloride	ug/l	ND	11/30/07	LBD	2.0			
m + p Xylene	ug/l	175	11/30/07	LBD	2.0			
o-Xylene	ug/l	54.8	11/30/07	LBD	1.0			

Analytical Method:
SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

RL = Reporting Limit
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12/7/2007

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-4

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B46295
Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Acetone	ug/l	ND	11/30/07	LBD	50.0			
Acrylonitrile	ug/l	ND	11/30/07	LBD	5.0			
tert-Amylmethyl Ether	ug/l	ND	11/30/07	LBD	0.5			
Benzene	ug/l	ND	11/30/07	LBD	1.0			
Bromobenzene	ug/l	ND	11/30/07	LBD	1.0			
Bromochloromethane	ug/l	ND	11/30/07	LBD	1.0			
Bromodichloromethane	ug/l	ND	11/30/07	LBD	1.0			
Bromoform	ug/l	ND	11/30/07	LBD	5.0			
Bromomethane	ug/l	ND	11/30/07	LBD	5.0			
2-Butanone (MEK)	ug/l	ND	11/30/07	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	11/30/07	LBD	35.0			
n-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
sec-Butylbenzene	ug/l	1.2	11/30/07	LBD	1.0			
tert-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
tert-Butylethyl Ether	ug/l	ND	11/30/07	LBD	0.5			
Carbon Disulfide	ug/l	ND	11/30/07	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	11/30/07	LBD	1.0			
Chlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
Chlorodibromomethane	ug/l	ND	11/30/07	LBD	0.5			
Chloroethane	ug/l	ND	11/30/07	LBD	2.0			
Chloroform	ug/l	ND	11/30/07	LBD	2.0			
Chloromethane	ug/l	ND	11/30/07	LBD	2.0			
2-Chlorotoluene	ug/l	ND	11/30/07	LBD	1.0			
4-Chlorotoluene	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	11/30/07	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	11/30/07	LBD	2.00			
Dibromomethane	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,4-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			

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SANDY HOOK, CT 06482

Purchase Order No.:

Project Location: 1650 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-4
Sample ID : 07846295 Sampled : 11/27/2007
NOT SPECIFIED
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
trans-1,4-Dichloro-2-Butene	ug/l	ND	11/30/07	LBD	5.0			
Dichlorodifluoromethane	ug/l	ND	11/30/07	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	11/30/07	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	11/30/07	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	11/30/07	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	11/30/07	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	11/30/07	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	11/30/07	LBD	5.0			
Diethyl Ether	ug/l	ND	11/30/07	LBD	2.0			
Diisopropyl Ether	ug/l	ND	11/30/07	LBD	0.5			
1,4-Dioxane	ug/l	ND	11/30/07	LBD	50.0			
Ethyl Benzene	ug/l	ND	11/30/07	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	11/30/07	LBD	1.0			
2-Hexanone	ug/l	ND	11/30/07	LBD	10.0			
Isopropylbenzene	ug/l	ND	11/30/07	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	11/30/07	LBD	1.0			
MTBE	ug/l	ND	11/30/07	LBD	1.0			
Methylene Chloride	ug/l	ND	11/30/07	LBD	5.0			
MIBK	ug/l	ND	11/30/07	LBD	10.0			
Naphthalene	ug/l	ND	11/30/07	LBD	2.0			
n-Propylbenzene	ug/l	ND	11/30/07	LBD	1.0			
Styrene	ug/l	ND	11/30/07	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	11/30/07	LBD	4.0			
1,1,2,2-Tetrachloroethane	ug/l	ND	11/30/07	LBD	0.5			
Tetrachloroethylene	ug/l	ND	11/30/07	LBD	1.0			

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Purchase Order No.:

Project Location: 1650 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-4
Sample ID : 07846295 Sampled : 11/27/2007
NOT SPECIFIED
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Tetrahydrofuran	ug/l	ND	11/30/07	LBD	10.0			
Toluene	ug/l	ND	11/30/07	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	11/30/07	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	11/30/07	LBD	1.0			
Trichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	11/30/07	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	11/30/07	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	11/30/07	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	ND	11/30/07	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	ND	11/30/07	LBD	1.0			
Vinyl Chloride	ug/l	ND	11/30/07	LBD	2.0			
m + p Xylene	ug/l	ND	11/30/07	LBD	2.0			
o-Xylene	ug/l	ND	11/30/07	LBD	1.0			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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12/7/2007

Purchase Order No.:

Project Location: 1560 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-SD
Sample ID : 07B46297
Sampled : 11/27/2007
NOT SPECIFIED
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Acetone	ug/l	ND	11/30/07	LBD	50.0			
Acrylonitrile	ug/l	ND	11/30/07	LBD	5.0			
tert-Amylmethyl Ether	ug/l	ND	11/30/07	LBD	0.5			
Benzene	ug/l	ND	11/30/07	LBD	1.0			
Bromobenzene	ug/l	ND	11/30/07	LBD	1.0			
Bromochloromethane	ug/l	ND	11/30/07	LBD	1.0			
Bromodichloromethane	ug/l	ND	11/30/07	LBD	1.0			
Bromoform	ug/l	ND	11/30/07	LBD	5.0			
Bromomethane	ug/l	ND	11/30/07	LBD	5.0			
2-Butanone (MEK)	ug/l	4140	11/30/07	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	11/30/07	LBD	35.0			
n-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
sec-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
tert-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
tert-Butylethyl Ether	ug/l	ND	11/30/07	LBD	0.5			
Carbon Disulfide	ug/l	ND	11/30/07	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	11/30/07	LBD	1.0			
Chlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
Chlorodibromomethane	ug/l	ND	11/30/07	LBD	0.5			
Chloroethane	ug/l	ND	11/30/07	LBD	2.0			
Chloroform	ug/l	ND	11/30/07	LBD	2.0			
Chloromethane	ug/l	ND	11/30/07	LBD	2.0			
2-Chlorotoluene	ug/l	ND	11/30/07	LBD	1.0			
4-Chlorotoluene	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	11/30/07	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	11/30/07	LBD	2.00			
Dibromomethane	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,4-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			

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12/7/2007

Purchase Order No.:

Project Location: 1560 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-SD
Sample ID : 07B46297
Sampled : 11/27/2007
NOT SPECIFIED
Sample Matrix: GRND WATER

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
trans-1,4-Dichloro-2-Butene	ug/l	ND	11/30/07	LBD	5.0			
Dichlorodifluoromethane	ug/l	ND	11/30/07	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	11/30/07	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	11/30/07	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	11/30/07	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	11/30/07	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	11/30/07	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	11/30/07	LBD	5.0			
Diethyl Ether	ug/l	ND	11/30/07	LBD	2.0			
Diisopropyl Ether	ug/l	ND	11/30/07	LBD	0.5			
1,4-Dioxane	ug/l	ND	11/30/07	LBD	50.0			
Ethyl Benzene	ug/l	ND	11/30/07	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	11/30/07	LBD	1.0			
2-Hexanone	ug/l	ND	11/30/07	LBD	10.0			
Isopropylbenzene	ug/l	ND	11/30/07	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	11/30/07	LBD	1.0			
MTBE	ug/l	ND	11/30/07	LBD	1.0			
Methylene Chloride	ug/l	ND	11/30/07	LBD	5.0			
MIBK	ug/l	ND	11/30/07	LBD	10.0			
Naphthalene	ug/l	ND	11/30/07	LBD	2.0			
n-Propylbenzene	ug/l	ND	11/30/07	LBD	1.0			
Styrene	ug/l	ND	11/30/07	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	11/30/07	LBD	4.0			
1,1,2,2-Tetrachloroethane	ug/l	ND	11/30/07	LBD	0.5			
Tetrachloroethylene	ug/l	ND	11/30/07	LBD	1.0			

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con-test
ANALYTICAL LABORATORY
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SCOTT BEALS
SOVEREIGN CONSULTING
6 GLEN ROAD
SANDY HOOK, CT 06482

12/7/2007

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-5D
Sample ID : 07B46297

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Tetrahydrofuran	ug/l	6210	11/30/07	LBD	10.0			
Toluene	ug/l	ND	11/30/07	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	11/30/07	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	11/30/07	LBD	1.0			
Trichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	11/30/07	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	11/30/07	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	11/30/07	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	ND	11/30/07	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	ND	11/30/07	LBD	1.0			
Vinyl Chloride	ug/l	ND	11/30/07	LBD	2.0			
m + p Xylene	ug/l	ND	11/30/07	LBD	2.0			
o-Xylene	ug/l	ND	11/30/07	LBD	1.0			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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SANDY HOOK, CT 06482

12/7/2007

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-5S
Sample ID : 07B46296

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Acetone	ug/l	ND	11/30/07	LBD	50.0			
Acrylonitrile	ug/l	ND	11/30/07	LBD	5.0			
tert-Amylmethyl Ether	ug/l	ND	11/30/07	LBD	0.5			
Benzene	ug/l	ND	11/30/07	LBD	1.0			
Bromobenzene	ug/l	ND	11/30/07	LBD	1.0			
Bromochloromethane	ug/l	ND	11/30/07	LBD	1.0			
Bromodichloromethane	ug/l	ND	11/30/07	LBD	1.0			
Bromoform	ug/l	ND	11/30/07	LBD	5.0			
Bromomethane	ug/l	ND	11/30/07	LBD	5.0			
2-Butanone (MEK)	ug/l	30.4	11/30/07	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	11/30/07	LBD	35.0			
n-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
sec-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
tert-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
tert-Butylethyl Ether	ug/l	ND	11/30/07	LBD	0.5			
Carbon Disulfide	ug/l	ND	11/30/07	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	11/30/07	LBD	1.0			
Chlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
Chlorodibromomethane	ug/l	ND	11/30/07	LBD	0.5			
Chloroethane	ug/l	ND	11/30/07	LBD	2.0			
Chloroform	ug/l	ND	11/30/07	LBD	2.0			
Chloromethane	ug/l	ND	11/30/07	LBD	2.0			
2-Chlorotoluene	ug/l	ND	11/30/07	LBD	1.0			
4-Chlorotoluene	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	11/30/07	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	11/30/07	LBD	2.00			
Dibromomethane	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,4-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			

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12/7/2007

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-5S

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B46296
Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
trans-1,4-Dichloro-2-Butene	ug/l	ND	11/30/07	LBD	5.0			
Dichlorodifluoromethane	ug/l	ND	11/30/07	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	11/30/07	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	11/30/07	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	11/30/07	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	11/30/07	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	11/30/07	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	11/30/07	LBD	5.0			
Diethyl Ether	ug/l	ND	11/30/07	LBD	2.0			
Diisopropyl Ether	ug/l	ND	11/30/07	LBD	0.5			
1,4-Dioxane	ug/l	ND	11/30/07	LBD	50.0			
Ethyl Benzene	ug/l	ND	11/30/07	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	11/30/07	LBD	1.0			
2-Hexanone	ug/l	ND	11/30/07	LBD	10.0			
Isopropylbenzene	ug/l	ND	11/30/07	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	11/30/07	LBD	1.0			
MTBE	ug/l	ND	11/30/07	LBD	1.0			
Methylene Chloride	ug/l	ND	11/30/07	LBD	5.0			
MIBK	ug/l	ND	11/30/07	LBD	10.0			
Naphthalene	ug/l	ND	11/30/07	LBD	2.0			
n-Propylbenzene	ug/l	ND	11/30/07	LBD	1.0			
Styrene	ug/l	ND	11/30/07	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	11/30/07	LBD	4.0			
1,1,2,2-Tetrachloroethane	ug/l	ND	11/30/07	LBD	0.5			
Tetrachloroethylene	ug/l	ND	11/30/07	LBD	1.0			

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12/7/2007

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-5S

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B46296
Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Tetrahydrofuran	ug/l	54.2	11/30/07	LBD	10.0			
Toluene	ug/l	ND	11/30/07	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	11/30/07	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	11/30/07	LBD	1.0			
Trichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	11/30/07	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	11/30/07	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	11/30/07	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	ND	11/30/07	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	ND	11/30/07	LBD	1.0			
Vinyl Chloride	ug/l	ND	11/30/07	LBD	2.0			
m + p Xylene	ug/l	ND	11/30/07	LBD	2.0			
o-Xylene	ug/l	ND	11/30/07	LBD	1.0			

Analytical Method:
SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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12/7/2007

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-6

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B46298
Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Acetone	ug/l	93.7	11/30/07	LBD	50.0			
Acrylonitrile	ug/l	ND	11/30/07	LBD	5.0			
tert-Amylmethyl Ether	ug/l	ND	11/30/07	LBD	0.5			
Benzene	ug/l	ND	11/30/07	LBD	1.0			
Bromobenzene	ug/l	ND	11/30/07	LBD	1.0			
Bromochloromethane	ug/l	ND	11/30/07	LBD	1.0			
Bromodichloromethane	ug/l	ND	11/30/07	LBD	1.0			
Bromoform	ug/l	ND	11/30/07	LBD	5.0			
Bromomethane	ug/l	ND	11/30/07	LBD	5.0			
2-Butanone (MEK)	ug/l	704	11/30/07	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	11/30/07	LBD	35.0			
n-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
sec-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
tert-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
tert-Butylethyl Ether	ug/l	ND	11/30/07	LBD	0.5			
Carbon Disulfide	ug/l	ND	11/30/07	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	11/30/07	LBD	1.0			
Chlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
Chlorodibromomethane	ug/l	ND	11/30/07	LBD	0.5			
Chloroethane	ug/l	ND	11/30/07	LBD	2.0			
Chloroform	ug/l	ND	11/30/07	LBD	2.0			
Chloromethane	ug/l	ND	11/30/07	LBD	2.0			
2-Chlorotoluene	ug/l	ND	11/30/07	LBD	1.0			
4-Chlorotoluene	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	11/30/07	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	11/30/07	LBD	2.00			
Dibromomethane	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,4-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			

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12/7/2007

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-6

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B46298
Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
trans-1,4-Dichloro-2-Butene	ug/l	ND	11/30/07	LBD	5.0			
Dichlorodifluoromethane	ug/l	ND	11/30/07	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	11/30/07	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	11/30/07	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	11/30/07	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	11/30/07	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	11/30/07	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	11/30/07	LBD	5.0			
Diethyl Ether	ug/l	ND	11/30/07	LBD	2.0			
Diisopropyl Ether	ug/l	ND	11/30/07	LBD	0.5			
1,4-Dioxane	ug/l	ND	11/30/07	LBD	50.0			
Ethyl Benzene	ug/l	ND	11/30/07	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	11/30/07	LBD	1.0			
2-Hexanone	ug/l	ND	11/30/07	LBD	10.0			
Isopropylbenzene	ug/l	ND	11/30/07	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	11/30/07	LBD	1.0			
MTBE	ug/l	ND	11/30/07	LBD	1.0			
Methylene Chloride	ug/l	ND	11/30/07	LBD	5.0			
MIBK	ug/l	ND	11/30/07	LBD	10.0			
Naphthalene	ug/l	ND	11/30/07	LBD	2.0			
n-Propylbenzene	ug/l	ND	11/30/07	LBD	1.0			
Styrene	ug/l	ND	11/30/07	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	11/30/07	LBD	4.0			
1,1,2,2-Tetrachloroethane	ug/l	ND	11/30/07	LBD	0.5			
Tetrachloroethylene	ug/l	ND	11/30/07	LBD	1.0			

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12/7/2007

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-6

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B46298 Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Tetrahydrofuran	ug/l	707	11/30/07	LBD	10.0			
Toluene	ug/l	ND	11/30/07	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	11/30/07	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	11/30/07	LBD	1.0			
Trichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	11/30/07	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	11/30/07	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	11/30/07	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	ND	11/30/07	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	ND	11/30/07	LBD	1.0			
Vinyl Chloride	ug/l	ND	11/30/07	LBD	2.0			
m + p Xylene	ug/l	ND	11/30/07	LBD	2.0			
o-Xylene	ug/l	ND	11/30/07	LBD	1.0			

Analytical Method:
SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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12/7/2007

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : MW-3D

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B46294 Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	11/30/07	LBD	50.0			
Acrylonitrile	ug/l	ND	11/30/07	LBD	5.0			
tert-Amylmethyl Ether	ug/l	ND	11/30/07	LBD	0.5			
Benzene	ug/l	ND	11/30/07	LBD	1.0			
Bromobenzene	ug/l	ND	11/30/07	LBD	1.0			
Bromochloromethane	ug/l	ND	11/30/07	LBD	1.0			
Bromodichloromethane	ug/l	ND	11/30/07	LBD	1.0			
Bromoform	ug/l	ND	11/30/07	LBD	5.0			
Bromomethane	ug/l	ND	11/30/07	LBD	5.0			
2-Butanone (MEK)	ug/l	ND	11/30/07	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	11/30/07	LBD	35.0			
n-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
sec-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
tert-Butylbenzene	ug/l	ND	11/30/07	LBD	1.0			
tert-Butylethyl Ether	ug/l	ND	11/30/07	LBD	0.5			
Carbon Disulfide	ug/l	ND	11/30/07	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	11/30/07	LBD	1.0			
Chlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
Chlorodibromomethane	ug/l	ND	11/30/07	LBD	0.5			
Chloroethane	ug/l	ND	11/30/07	LBD	2.0			
Chloroform	ug/l	ND	11/30/07	LBD	2.0			
Chloromethane	ug/l	ND	11/30/07	LBD	2.0			
2-Chlorotoluene	ug/l	ND	11/30/07	LBD	1.0			
4-Chlorotoluene	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	11/30/07	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	11/30/07	LBD	2.00			
Dibromomethane	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,4-Dichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			

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SCOTT BEALS
SOVEREIGN CONSULTING
6 GLEN ROAD
SANDY HOOK, CT 06482

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : NW-3D

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B46294
Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
trans-1,4-Dichloro-2-Butene	ug/l	ND	11/30/07	LBD	5.0			
Dichlorodifluoromethane	ug/l	ND	11/30/07	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	11/30/07	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	11/30/07	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	11/30/07	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	11/30/07	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	11/30/07	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	11/30/07	LBD	5.0			
Diethyl Ether	ug/l	ND	11/30/07	LBD	2.0			
Diisopropyl Ether	ug/l	ND	11/30/07	LBD	0.5			
1,4-Dioxane	ug/l	ND	11/30/07	LBD	50.0			
Ethyl Benzene	ug/l	ND	11/30/07	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	11/30/07	LBD	1.0			
2-Hexanone	ug/l	ND	11/30/07	LBD	10.0			
Isopropylbenzene	ug/l	ND	11/30/07	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	11/30/07	LBD	1.0			
MTBE	ug/l	ND	11/30/07	LBD	1.0			
Methylene Chloride	ug/l	ND	11/30/07	LBD	5.0			
MIBK	ug/l	ND	11/30/07	LBD	10.0			
Naphthalene	ug/l	ND	11/30/07	LBD	2.0			
n-Propylbenzene	ug/l	ND	11/30/07	LBD	1.0			
Styrene	ug/l	ND	11/30/07	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	11/30/07	LBD	4.0			
1,1,2,2-Tetrachloroethane	ug/l	ND	11/30/07	LBD	0.5			
Tetrachloroethylene	ug/l	ND	11/30/07	LBD	1.0			

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SANDY HOOK, CT 06482

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007
Field Sample # : NW-3D

LIMS-BAT #: LIMT-11725
Job Number: RE009-100-02

Sample ID : 07B46294
Sampled : 11/27/2007
NOT SPECIFIED

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Tetrahydrofuran	ug/l	ND	11/30/07	LBD	10.0			
Toluene	ug/l	ND	11/30/07	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	11/30/07	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	11/30/07	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	11/30/07	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	11/30/07	LBD	1.0			
Trichloroethylene	ug/l	ND	11/30/07	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	11/30/07	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	11/30/07	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	11/30/07	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	ND	11/30/07	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	ND	11/30/07	LBD	1.0			
Vinyl Chloride	ug/l	ND	11/30/07	LBD	2.0			
m + p Xylene	ug/l	ND	11/30/07	LBD	2.0			
o-Xylene	ug/l	ND	11/30/07	LBD	1.0			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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SANDY HOOK, CT 06482

12/7/2007

Purchase Order No.:

Project Location: 1660 STORRS ROAD, STORRS, CT.
Date Received: 11/28/2007

LIMS-BAT #: LIMT-11725
Job Number: RE000-100-02

** END OF REPORT **

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 12/7/2007 Lims Bat # : LIMT-11725

QC Batch Number: GCMSVOL-18372

Sample Id	Analysis	QC Analysis	Values	Units	Limits
07B46292					
	1,2-Dichloroethane-d4	Surrogate Recovery	80.2	%	70-130
	Toluene-d8	Surrogate Recovery	97.5	%	70-130
	Bromofluorobenzene	Surrogate Recovery	97.4	%	70-130
07B46293					
	1,2-Dichloroethane-d4	Surrogate Recovery	78.7	%	70-130
	Toluene-d8	Surrogate Recovery	98.6	%	70-130
	Bromofluorobenzene	Surrogate Recovery	99.2	%	70-130
07B46294					
	1,2-Dichloroethane-d4	Surrogate Recovery	80.7	%	70-130
	Toluene-d8	Surrogate Recovery	98.7	%	70-130
	Bromofluorobenzene	Surrogate Recovery	97.7	%	70-130
07B46295					
	1,2-Dichloroethane-d4	Surrogate Recovery	81.7	%	70-130
	Toluene-d8	Surrogate Recovery	97.8	%	70-130
	Bromofluorobenzene	Surrogate Recovery	97.7	%	70-130
07B46296					
	1,2-Dichloroethane-d4	Surrogate Recovery	83.7	%	70-130
	Toluene-d8	Surrogate Recovery	100.2	%	70-130
	Bromofluorobenzene	Surrogate Recovery	94.6	%	70-130
07B46297					
	1,2-Dichloroethane-d4	Surrogate Recovery	79.4	%	70-130
	Toluene-d8	Surrogate Recovery	97.9	%	70-130
	Bromofluorobenzene	Surrogate Recovery	100.1	%	70-130
07B46298					
	1,2-Dichloroethane-d4	Surrogate Recovery	82.1	%	70-130
	Toluene-d8	Surrogate Recovery	97.8	%	70-130
	Bromofluorobenzene	Surrogate Recovery	96.5	%	70-130
BLANK-11069I					
	Acetone	Blank	<50.0	ug/l	
	Benzene	Blank	<1.0	ug/l	
	Carbon Tetrachloride	Blank	<1.0	ug/l	
	Chloroform	Blank	<2.0	ug/l	
	1,2-Dichloroethane	Blank	<1.0	ug/l	
	1,4-Dichlorobenzene	Blank	<1.0	ug/l	
	Ethyl Benzene	Blank	<1.0	ug/l	
	2-Butanone (MEK)	Blank	<20.0	ug/l	
	MIBK	Blank	<10.0	ug/l	
	Naphthalene	Blank	<2.0	ug/l	
	Styrene	Blank	<1.0	ug/l	
	Tetrachloroethylene	Blank	<1.0	ug/l	
	Toluene	Blank	<1.0	ug/l	
	1,1,1-Trichloroethane	Blank	<1.0	ug/l	
	Trichloroethylene	Blank	<1.0	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 12/7/2007 Lims Bat # : LIMT-11725

QC Batch Number: GCMS/VOL-18372

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-110601					
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<5.0	ug/l	
	Trichlorofluoromethane	Blank	<2.0	ug/l	
	o-Xylene	Blank	<1.0	ug/l	
	m + p Xylene	Blank	<2.0	ug/l	
	1,2-Dichlorobenzene	Blank	<1.0	ug/l	
	1,3-Dichlorobenzene	Blank	<1.0	ug/l	
	1,1-Dichloroethane	Blank	<1.0	ug/l	
	1,1-Dichloroethylene	Blank	<1.0	ug/l	
	1,4-Dioxane	Blank	<50.0	ug/l	
	MTBE	Blank	<1.0	ug/l	
	trans-1,2-Dichloroethylene	Blank	<1.0	ug/l	
	Vinyl Chloride	Blank	<2.0	ug/l	
	Methylene Chloride	Blank	<5.0	ug/l	
	Chlorobenzene	Blank	<1.0	ug/l	
	Chloromethane	Blank	<2.0	ug/l	
	Bromomethane	Blank	<5.0	ug/l	
	Chloroethane	Blank	<2.0	ug/l	
	cis-1,3-Dichloropropene	Blank	<0.5	ug/l	
	trans-1,3-Dichloropropene	Blank	<5.0	ug/l	
	Chlorodibromomethane	Blank	<0.5	ug/l	
	1,1,2-Trichloroethane	Blank	<1.0	ug/l	
	Bromoform	Blank	<5.0	ug/l	
	1,1,2,2-Tetrachloroethane	Blank	<0.5	ug/l	
	2-Chlorotoluene	Blank	<1.0	ug/l	
	Hexachlorobutadiene	Blank	<1.0	ug/l	
	Isopropylbenzene	Blank	<1.0	ug/l	
	p-Isopropyltoluene	Blank	<1.0	ug/l	
	n-Propylbenzene	Blank	<1.0	ug/l	
	sec-Butylbenzene	Blank	<1.0	ug/l	
	tert-Butylbenzene	Blank	<1.0	ug/l	
	1,2,3-Trichlorobenzene	Blank	<5.0	ug/l	
	1,2,4-Trichlorobenzene	Blank	<1.0	ug/l	
	1,2,4-Trimethylbenzene	Blank	<1.0	ug/l	
	1,3,5-Trimethylbenzene	Blank	<1.0	ug/l	
	Dibromomethane	Blank	<1.0	ug/l	
	cis-1,2-Dichloroethylene	Blank	<1.0	ug/l	
	4-Chlorotoluene	Blank	<1.0	ug/l	
	1,1-Dichloropropene	Blank	<2.0	ug/l	
	1,2-Dichloropropane	Blank	<1.0	ug/l	
	1,3-Dichloropropane	Blank	<0.5	ug/l	
	2,2-Dichloropropane	Blank	<1.0	ug/l	
	1,1,1,2-Tetrachloroethane	Blank	<4.0	ug/l	
	1,2,3-Trichloropropane	Blank	<2.0	ug/l	

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Report Date: 12/7/2007 Lims Bat # : LIMT-11725

QC Batch Number: GCMS/VOL-18372

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-110601					
	n-Butylbenzene	Blank	<1.0	ug/l	
	Dichlorodifluoromethane	Blank	<2.0	ug/l	
	Bromochloromethane	Blank	<1.0	ug/l	
	Bromobenzene	Blank	<1.0	ug/l	
	Acrylonitrile	Blank	<5.0	ug/l	
	Carbon Disulfide	Blank	<3.0	ug/l	
	2-Hexanone	Blank	<10.0	ug/l	
	trans-1,4-Dichloro-2-Butene	Blank	<5.0	ug/l	
	Diethyl Ether	Blank	<2.0	ug/l	
	Bromodichloromethane	Blank	<1.0	ug/l	
	1,2-Dibromo-3-Chloropropane	Blank	<5.0	ug/l	
	1,2-Dibromoethane	Blank	<2.00	ug/l	
	Tetrahydrofuran	Blank	<10.0	ug/l	
	tert-Butyl Alcohol	Blank	<35.0	ug/l	
	Diisopropyl Ether	Blank	<0.5	ug/l	
	tert-Butylethyl Ether	Blank	<0.5	ug/l	
	tert-Amylmethyl Ether	Blank	<0.5	ug/l	
LFBLANK-72022					
	Acetone	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.7	ug/l	
		Lab Fort Blk. % Rec.	117.5	%	70-160
	Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.2	ug/l	
		Lab Fort Blk. % Rec.	112.1	%	70-130
	Carbon Tetrachloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.8	ug/l	
		Lab Fort Blk. % Rec.	128.3	%	70-130
	Chloroform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.8	ug/l	
		Lab Fort Blk. % Rec.	98.0	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.4	%	70-130
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.8	ug/l	
		Lab Fort Blk. % Rec.	108.0	%	70-130
	Ethyl Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.0	ug/l	
		Lab Fort Blk. % Rec.	110.7	%	70-130
	2-Butanone (MEK)	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.9	ug/l	
		Lab Fort Blk. % Rec.	89.0	%	40-160
	MIBK	Lab Fort Blank Amt.	10.0	ug/l	

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BATCH QC: Lab fortified Blanks and Duplicates
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Method Blanks

Report Date: 12/7/2007 Lims Bat # : LIMT-11725

QC Batch Number: GCMS/VOL-16372

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-72022					
	MIBK	Lab Fort Blk. Found	12.0	ug/l	
		Lab Fort Blk. % Rec.	120.0	%	70-160
	Naphthalene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.6	ug/l	
		Lab Fort Blk. % Rec.	76.0	%	40-130
	Styrene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.5	ug/l	
		Lab Fort Blk. % Rec.	115.1	%	70-130
	Tetrachloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.8	ug/l	
		Lab Fort Blk. % Rec.	108.3	%	70-150
	Toluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.3	ug/l	
		Lab Fort Blk. % Rec.	103.7	%	70-130
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.8	ug/l	
		Lab Fort Blk. % Rec.	98.3	%	70-130
	Trichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.0	%	70-130
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.0	ug/l	
		Lab Fort Blk. % Rec.	110.0	%	70-130
	Trichlorofluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.6	ug/l	
		Lab Fort Blk. % Rec.	116.0	%	70-130
	o-Xylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.5	%	70-130
	m + p Xylene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.6	ug/l	
		Lab Fort Blk. % Rec.	108.0	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.8	ug/l	
		Lab Fort Blk. % Rec.	108.0	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.8	ug/l	
		Lab Fort Blk. % Rec.	108.7	%	70-130
	1,1-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.2	ug/l	
		Lab Fort Blk. % Rec.	102.8	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.2	ug/l	

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Report Date: 12/7/2007 Lims Bat # : LIMT-11725

QC Batch Number: GCMS/VOL-16372

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-72022					
	1,1-Dichloroethylene	Lab Fort Blk. % Rec.	102.2	%	70-130
	1,4-Dioxane	Lab Fort Blank Amt.	50.0	ug/l	
		Lab Fort Blk. Found	47.2	ug/l	
		Lab Fort Blk. % Rec.	94.5	%	40-130
	MTBE	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	18.4	ug/l	
		Lab Fort Blk. % Rec.	92.3	%	70-130
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.6	%	70-130
	Vinyl Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.8	ug/l	
		Lab Fort Blk. % Rec.	118.8	%	40-160
	Methylene Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.3	ug/l	
		Lab Fort Blk. % Rec.	123.6	%	70-130
	Chlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.0	ug/l	
		Lab Fort Blk. % Rec.	110.3	%	70-130
	Chloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	13.0	ug/l	
		Lab Fort Blk. % Rec.	130.4	%	40-160
	Bromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.9	ug/l	
		Lab Fort Blk. % Rec.	119.7	%	40-160
	Chloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.0	ug/l	
		Lab Fort Blk. % Rec.	110.6	%	70-130
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.2	ug/l	
		Lab Fort Blk. % Rec.	112.5	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.4	ug/l	
		Lab Fort Blk. % Rec.	84.2	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.3	ug/l	
		Lab Fort Blk. % Rec.	113.9	%	70-130
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.1	ug/l	
		Lab Fort Blk. % Rec.	91.3	%	70-130
	Bromoform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.6	%	70-130

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ANALYTICAL LABORATORY
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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 12/7/2007 Lims Bat # : LIMT-11725

QC Batch Number: GCMSVOL-16372

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-72022					
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.0	ug/l	
		Lab Fort Blk. % Rec.	110.1	%	70-130
	2-Chlorotoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	
		Lab Fort Blk. % Rec.	104.3	%	70-130
	Hexachlorobutadiene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.4	ug/l	
		Lab Fort Blk. % Rec.	84.8	%	70-130
	Isopropylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.0	ug/l	
		Lab Fort Blk. % Rec.	110.1	%	70-130
	p-Isopropyltoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	93.6	%	70-130
	n-Propylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.1	ug/l	
		Lab Fort Blk. % Rec.	111.1	%	70-130
	sec-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	
		Lab Fort Blk. % Rec.	104.2	%	70-130
	tert-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.3	%	70-130
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.6	ug/l	
		Lab Fort Blk. % Rec.	76.4	%	70-130
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.2	ug/l	
		Lab Fort Blk. % Rec.	82.8	%	70-130
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.0	ug/l	
		Lab Fort Blk. % Rec.	100.0	%	70-130
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.6	%	70-130
	Dibromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.7	ug/l	
		Lab Fort Blk. % Rec.	97.4	%	70-130
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.1	ug/l	
		Lab Fort Blk. % Rec.	111.3	%	70-130
	4-Chlorotoluene	Lab Fort Blank Amt.	10.0	ug/l	

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BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 12/7/2007 Lims Bat # : LIMT-11725

QC Batch Number: GCMSVOL-16372

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-72022					
	4-Chlorotoluene	Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.7	%	70-130
	1,1-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.9	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.1	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.4	%	70-130
	2,2-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.3	ug/l	
		Lab Fort Blk. % Rec.	83.1	%	40-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.7	%	70-130
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.3	ug/l	
		Lab Fort Blk. % Rec.	93.4	%	70-130
	n-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	
		Lab Fort Blk. % Rec.	104.0	%	70-130
	Dichlorodifluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.5	ug/l	
		Lab Fort Blk. % Rec.	115.5	%	40-150
	Bromochloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.5	ug/l	
		Lab Fort Blk. % Rec.	125.4	%	70-130
	Bromobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.4	%	70-130
	Acrylonitrile	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	14.2	ug/l	
		Lab Fort Blk. % Rec.	142.6	%	70-130
	Carbon Disulfide	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.8	%	70-130
	2-Hexanone	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.8	ug/l	
		Lab Fort Blk. % Rec.	108.9	%	70-160
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.7	ug/l	

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Method Blanks

Report Date: 12/7/2007 Lims Bat # : LIMT-11725

QC Batch Number: GCMS/VOL-18372

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-72022					
	trans-1,4-Dichloro-2-Butene	Lab Fort Blk. % Rec.	127.9	%	70-130
	Diethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.3	%	70-130
	Bromodichloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.3	ug/l	
		Lab Fort Blk. % Rec.	93.2	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	95.7	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	10.00	ug/l	
		Lab Fort Blk. Found	9.23	ug/l	
		Lab Fort Blk. % Rec.	92.30	%	70-130
	Tetrahydrofuran	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.9	ug/l	
		Lab Fort Blk. % Rec.	109.4	%	70-130
	tert-Butyl Alcohol	Lab Fort Blank Amt.	50.0	ug/l	
		Lab Fort Blk. Found	61.7	ug/l	
		Lab Fort Blk. % Rec.	123.5	%	40-160
	Diisopropyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.8	ug/l	
		Lab Fort Blk. % Rec.	118.6	%	70-130
	tert-Butylethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	
		Lab Fort Blk. % Rec.	104.7	%	70-150
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	
		Lab Fort Blk. % Rec.	104.8	%	70-130

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QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 12/7/2007 Lims Bat # : LIMT-11725

NOTES:

QC Batch No. : GCMS/VOL-18372
Sample ID : LFBLANK-72022
Analysis : Acrylonitrile

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

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QC SUMMARY REPORT

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Standard Reference Materials and Duplicates
Method Blanks

Report Date: 12/7/2007 Lims Bat # : LIMT-11725 Page 10 of 10

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken though all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

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CHAIN OF CUSTODY RECORD

Lab # 11725

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Page 1 of 1

Company Name: Sovereign Consulting
Address: 6 Glen Road
Sandy Hook, CT 06482
Attention: Scott Beals
Project Location: 1660 Storrs Rd, Storrs, CT
Sampled By: Beals
Proposal Provided? (For Billing purposes) ☐ yes proposal date

Telephone: (203) 270-1007
Project # RE009-100-02
Client PO #

DATA DELIVERY (check one): ☐FAX ☑EMAIL ☐WEBSITE CLIENT
Fax #: 203-270-1102
Email: sbeals@sovcon.com
Format: ☑EXCEL ☑PDF ☐GIS KEY

Field ID	Sample Description	Lab #	Date Sampled Start Date/Time	Date Sampled Stop Date/Time	Comp-osite	Grab	*Matrix Code	ANALYSIS REQUESTED	# of containers	**Preservation	~Cont Code
	MW-1	46292	11/27/7	1045			GW				
	MW-2	46293		1105							
	MW-3d	46294		1120							
	MW-4	46295		1145							
	MW-5s	46296		1200							
	MW-5d	46297		1220							
	MW-6	46298		1240							

Comments:

Turnaround: ☐ 24 Hour* ☐ 48 Hour* ☐ 72 Hour* ☑ Std. ☐ Other** Due date:
*Rushes subject to approval.

Detection Limit Requirements
Regulations? _____
Data Enhancement Project? ☐Y ☐N
(MA MCP sites only)
Special Requirements or DL's: _____

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

**Preservation Codes:
I = Iced X = Na hydroxide
H = HCL T = Na thiosulfate
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other _____

	Date/Time	
(Relinquished by: (signature))	11/28/07 9:30	
(Received by: (signature))	11/28/07 9:30	
(Relinquished by: (signature))	11/29/07 11:45	
(Received by: (signature))	11/30/07 11:45	3.0c

Con-Test Laboratory is the ONLY independent laboratory in all of New England with both prestigious AIHA and NELAC Certifications!

con-test ANALYTICAL LABORATORY

www.contestlabs.com

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East Longmeadow, MA
Phone: (413) 525-2332
Fax: (413) 525-6405

SAMPLE RECEIPT CHECKLIST

CLIENT NAME: Sovereign Consulting

RECEIVED BY: CEC DATE: 11/28/07

1. Was chain of custody relinquished and signed? (YES) NO
2. Does Chain agree with samples? (YES) NO

   If not, explain:

3. All Samples in good condition? (YES) NO

   If not, explain:

4. Were samples received in compliance with Temperature 0-6 degrees C? (YES) NO Degrees: 3.0°
5. Are there any dissolved samples for the lab to filter? YES (NO)

   Who was notified? _____ Date: _____ Time: _____

6. Are there any on hold samples? YES (NO) STORED WHERE:

   Are there any short holding time samples and who was notified? _____ Date: _____ Time _____

   Location where samples are stored: 1E

CONTAINERS SENT IN TO CON-TEST	# of container	CONTAINERS SENT TO CON-TEST	# of containers
1 liter amber		Air Cassettes	
500 ml amber		8 oz clear jar	
250 ml amber (8oz. Amber)		4 oz clear jar	
1 liter plastic		2 oz clear jar	
500 ml plastic		Plastic bag	
250 ml plastic		Encore	
40 ml vial—which kind—list below	4	Brass Sleeves	
Colisure bottle		Tubes	
Dissolved oxygen bottle		Summa cans	
Flashpoint bottle		Other	

aboratory comments:

of HCL Vial _____ # of Methanol vials _____ # of Sodium Bisulfate vials _____

of DI water(to be frozen) vials _____ Time and Date when frozen _____

all the samples have the correct pH levels? YES NO If no, please explain above

APPENDIX B

Town of Mansfield Assessor's Cards

LAND USE CODES

1 AGRICULTURAL
00 vacant land
01 cash grain farm
02 livestock o.t 03 & 04
03 dairy farm
04 poultry farm
05 fruit & nut farms
06 vegetable farms
07 tobacco farms
08 nurseries
09 greenhouses
20 shelter
99 other agricultural
2 MINERAL (See Detail)
3 INDUSTRIAL
00 vacant land
10 food & drink
20 textiles & heavy mfg
30 medium mfg. & assembly
40 light mfg. & assembly
50 industrial warehouse
60 industrial truck terminal
70 small shops
80 mines & quarries
90 grain elevators
99 other indust. structures
4 COMMERCIAL
00 vacant land
01 4-19 apt. rental units
02 20-39 apt. rental units
03 40 or more apt. rental units
10 motels or tourist cabins
11 hotels
12 nursing homes & hospitals
15 mobile home parks
16 Comm. camp grounds
19 other Comm. housing
20 small det. retail (<10000)
21 supermarkets
22 discount & dr. dept. stores
24 full line department stores
25 neighborhood shop. center
26 community shop. center
27 regional shopping center
29 other retail structures
30 rest., cafe and or bar
35 drive-in restaurant
39 other food service struct
40 dry clean plant - laundry
41 funeral home
42 medical clinic
44 full service banks
45 savings and loans
47 office bldg. - 1 or 2 story
48 office o.t 47 walk-up
49 office o.t 47 elevator
52 auto service station
53 car washes
54 auto sales & service
55 commercial garage
56 parking lot or structure
60 theaters
61 drive - in theater
62 golf range or mini course
63 golf course
64 bowling alleys
65 lodge halls - private, parks
80 commercial warehouse
82 comm. truck terminals
90 misclan service facilities
96 marinas (small boats)
99 other comm. structures
5 RESIDENTIAL
0 vacant land
1 one family dwelling
2 two family dwelling
3 three family dwelling
5 condominium unit
6 house trailer (mobil
0 platted lot
1 unplatted 0-09.99 acs.
2 unplatted 10-19.99 acs
3 unplatted 20-29.99 acs
4 unplatted 30-39.99 acs
5 unplatted 40
99 other res. structures
6 EXEMPT
00 owned by USA
10 owned by State
20 owned by Counties
30 owned by Townships
40 owned by Municipalities
45 Housing Authorities
50 owned by Bd. of Education
60 owned by Park Districts
70 owned by colleges, etc.
80 charitable exemptions
85 churches, public worship
90 cemetery monuments

MANSFIELD Address 1660 STORRS RD 05/01/2008 1

Owner: LAHAN P MICHAEL & DEBORAH L &
BOUKAS AMANDA & JONES KATHLEEN A CO-TRS
53 LAFAYETTE STREET
NORWICH, CT 06360

ExCode Amount

Book / Page 423 246

Developers Lot # Census 8813

Zoning PB3

002/0008/0012 Card 1 of 1

Work Year: 2008

Land Use Code C452 Prop Type 4 COMMERCIAL
Neighborhood 05010 Desirability AVERAGE
Comm/Ind Area 1
Comm/Ind Type RURAL AREA COMMERCIAL
Comm/Ind Desirabilty Cost AVERA Income AVERA

LAND DATA AND COMPUTATIONS

.720 Acres

Land Type	Size Frontage	Size Depth	Base Rate	Rate Fct 1	Rate Fct 2	Adjusted Rate	Base Value	Other Code	Adjust Factor	Value
SFA	31363 SF		6.50			6.50	203860			203900

Total Acreage .720 Total Land Value 203900

OWNER HISTORY

Name	Book	Page
KOZELKA AMELIA G EST	364	192
REPUBLIC REALTY INC	302	445
REPUBLIC REALTY INC	265	232

SALES HISTORY

Date	Price	Book	Page	Qual	Ind Qnl
09/22/1999		423	246	N	N
07/31/1995		364	192		
11/20/1990		302	445		

PROPERTY CHARACTERISTICS

01 TOPO-ELEV		07 STREET AMNTS	
Street Level	1X	Curb & Gutter	1
Above Street	2	Sidewalk	2
Below Street	3	Alley	3
		None	4
02 TOPO-TERRAIN			
Rolling	1	**08 LOC REGION**	
Steep	2	Urban	1
Low	3	Suburban	2
		Rural	3
03 TOPO-EXTREME		Business District	4
Swampy	1	Industrial	5
Ledge	2		
		09 LOC ENHANCE	
04 PUBLIC UTIL		Recreational	1
All	1	Waterfront	2
Water	2		
Sewer	3	**10 LOC RESTRICT**	
Gas	4	Flood Plane	1
		Easement/Public	2
05 PRIVATE UTIL		Non-Conforming	3
Well	1X	Obstructions	4
Septic	2X	Zoning	5
		Non-Buildable	6
06 STREET/ROAD			
Paved	1X		
Semipaved	2		
Unpaved	3		
Propose	4		

LAND TYPE

S SQUARE FEET
1 Primary Site (CALP)
2 Primary Site (App Rate)

A ACREAGE
1 Primary Site (App Rate)
2 Exc Frnt Ac (App Rate)
3 Exc Rear Ac (App Rate)
F# Exc Frnt Ac (CALP) (# depends on zoning)
R# Exc Rear Ac (CALP) (# depends on zoning)

G GROSS
1 SITE VALUE

LAND ADJUSTMENTS
1 TOPOGRAPHY
2 UTILITIES
3 STREET/ROAD
4 LOCATION

MEMORANDUM

KCRO - FLDSS :
TEXACO REPLACED TANKS-1990
SURVEY V.21 PG.14 - CLOSED MARCH 2008-VACANT
11/15/1954 V.76 PG.351
12/21/87 V.265 PG.232
CORRECTING DEED V.270 PG.476 5/31/1988

BUILDING PERMITS

DATE	NUMBER	AMOUNT	PURPOSE

COMPARABLE SALES

Parcel	Date	Adjusted Price	Points

VALUE HISTORY

Use	Quantity	Appraised Value	Assessed Value
COMM LAND	.720	203900	142730
COMM BUILD	1.00	86000	60200
COMM OUTBL	4.00	30800	21560
2008 Total		320700	224490
COMM LAND	.720	203900	142730
COMM BUILD	1.00	86000	60200
COMM OUTBL	4.00	30800	21560
2007 Total		320700	224490

VALUE SUMMARY

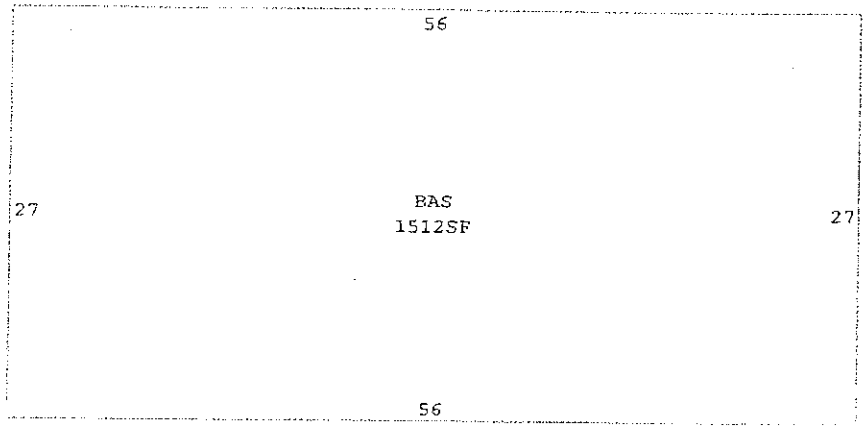
	Land	Improvement	Total
Cost	203900	116800	320700
FVC	203900	116800	320700

IMPROVEMENT DATA AND COMPUTATIONS

002/0008/0012 Card 1 of 1 Work Year: 2008

1560 STORRS RD

BUILDING INFORMATION	
LAND USE	
STATE USE	2-2
IMP STYLE	SERV STNT - 3
ENTRY	INSPECTION
IDENTICAL BUILD X	1
BASE AREA	1512
BASE PERIMETER	166
NUMBER OF STORIES	1
NUMBER OF FIXTURES	6
UNIT Type	N/A
Number	
HVAC	NONE
ROOF STR	GABLE OR HIP
ROOF COV	ASPH/F GLASS/C
GRADE	C
YEAR BUILT	1964
YEAR REMOLDED	
EFF YEAR BUILT	1980
EFFECTIVE AGE	24
LIFE	30 YEAR LIFE
CONDITION	AVERAGE
NORMAL DEP	50
OBSOLESCENCE	
OVERRIDE	



		B	C
LEVEL / SECTION	001/001	/	/
PRICING KEY	400		
PRICE KEY MODEL	SERVICE STATION		
FRAMING TYPE	MASONRY		
EXTERIOR WALL	BRICK OR EQUAL		
EFF AREA	1512		
EFF PERIMETER	166		
P.A.R. / FLR LVL HT	11 12		
AREA FACTOR	1.00		
PRICE KEY RATE	105.40		
FRAME / FLR HT ADJs			
BASE RATE / BPA FCT	105.40 1.00		
SUB -TOTAL	105.40		
TYPE OF UNITS	N/A		
NO OF UNITS			
SPRINK PCT / ADJ			
HEATING	HOT WATER		
AIR CONDITION	NONE		
HEAT / AIR ADJs			
LIGHTING / ADJ			
D W FINISH			
DIV WALLS	AVERAGE - NO AD		
D W FIN / D W ADJs			
CEILING	CEILING & WALLS		
CEILING AREA / ADJ			
FLR FINISH	CONCRETE FINISH		
INT WALLS	MINIMUM/MASONRY		
FL FIN / INT WL ADJs			
OTH ADJ / LVL MULT	1		
TOT RATE / AREA FCT	105.40 × 1.00	×	×
APPLIED AREA	1512		
SUB -TOTAL	159400		
EXTERIOR FEATURES			
PLUMBING	12600		
UNIT FINISH			
GRADE 1.00			
SPECIAL FEATURE			
RCN TOTAL	172000		

1-1 of 1 Level Sections

IMPROVEMENTS/SPECIAL FEATURES

SUMMARY OF IMPROVEMENTS

Sket ID	Use	Story Height	Const. Type	Size or Area	No Un	Base Rate	Feat	Adj. Rate	Grade	Year Built	Year Rmld	Eff. Year	Con	RCN	Depreciation NO/OB/OR	Value
—	Building	1							C	1964		1980	AV	172000	50/ /	86000
1	PAV1			30000		1.40		1.40	C	1964		1977	AV	42000	70/ /	12600
2	SGN3			26		119.75		119.75	C	1990		1990	AV	3100	40/ /	1900
3	LT2			2		1711.10		1711.10	C	1990		1990	AV	3400	40/ /	2000
4	CNP1			1536		12.45		12.45	C	1991		1991	AV	19100	25/ /	14300

SPECIAL FEATURES

Value by Card Detach Total 30800

Collector/Date BILL MARSELE 02/27/2000 Appraiser/Date APPRAISAL 12/16/2004 Value by Card Total 116800

LAND USE CODES

1 AGRICULTURAL
00 vacant land
01 cash grain/gen farms
02 livestock, ex 03 & 04
03 dairy farm
04 poultry farm
05 fruit & nut farms
06 vegetable farms
07 tobacco farms
08 nurseries
09 greenhouses
20 timber
99 other agricultural
2 MINERAL (See Detail)
3 INDUSTRIAL
00 vacant land
10 food & drink
20 foundries & heavy mfg
30 medium mfg. & assembly
40 light mfg. & assembly
50 industrial warehouse
60 industrial truck terminal
70 small shops
80 mines & quarries
90 grain elevators
99 other indust. structures
4 COMMERCIAL
00 vacant land
01 4-19 apt. rental units
02 20-39 apt rental units
03 40 or more apt. rental units
10 motels w. tourist cabins
11 hotels
12 nursing homes & hospitals
15 mobile home parks
16 Comm. camp grounds
19 other Comm. housing
20 small det. retail (<10000)
21 supermarkets
22 discount & jr. dept. stores
24 full line department stores
25 neighborhood shop. center
26 community shop. center
27 regional shopping center
29 other retail structures
30 rest. cafe snack bar
35 drive-in restaurant
39 other retail service struct.
40 dry clean plant / laundry
41 funeral home
42 medical clinic
44 full service banks
45 savings and loans
47 office bldg. - 1 or 2 story
48 office o/t 47 walk-up
49 office o/t 47 elevator
52 auto service station
53 car washes
54 auto sales & service
55 commercial garage
56 parking lot or structure
60 theaters
61 drive - in theater
62 golf range or min. course
63 golf course
64 bowling alleys
65 lodge halls / amuse. parks
80 commercial warehouse
82 comm. truck terminals
90 marine service facilities
96 marinas (small boats)
99 other comm. structures

5 RESIDENTIAL
0 vacant land
1 one family dwelling
2 two family dwelling
3 three family dwelling
5 condominium unit
5 house trailer (mobil
0 platted lot
1 unplatted 0-09.99 acs.
2 unplatted 10-19.99 acs.
3 unplatted 20-29.99 acs.
4 unplatted 30-39.99 acs.
5 unplatted 40
99 other res. structures
6 EXEMPT
00 owned by USA
10 owned by State
20 owned by Counties
30 owned by Townships
40 owned by Municipalities
45 Mans. Housing Authorities
50 owned by Bd. of Education
60 owned by Park District
70 owned by colleges, etc.
80 charitable organizations
85 churches, public worship
90 cemetery/monuments

MANSFIELD Address 643 MIDDLE TPKE 11/07/2007 1

Owner: JONES KATHLEEN A
LAKEVIEW PARK
P O BOX 36
COLUMBIA, CT 06237

ExCode Amount

Book / Page 302 442

Developers Lot # Census 8813
Zoning PB3

002/0008/0013 Card 1 of 1
Work Year: 2007

Land Use Code C430 Prop Type 4 COMMERCIAL
Neighborhood 05010 Desirability AVERAGE
Comm/Ind Area 1
Comm/Ind Type RURAL AREA COMMERCIAL
Comm/Ind Desirabilty Cost AVERA Income AVERA

LAND DATA AND COMPUTATIONS

1.670 Acres

Land Type	Size Frontage	Size Depth	Base Rate	Rate Fct 1	Rate Fct 2	Adjusted Rate	Base Value	Other Code	Adjust Factor	Value
SFA	43560 SF		4.25			4.25	185130			185100
ACA	.670 AC		20000.00			20000.00	13400			13400

Total Acreage 1.670 Total Land Value 198500

OWNER HISTORY

Name	Book	Page
JONES KATHLEEN A	105	180

SALES HISTORY

Date	Price	Book	Page	Qual	Lnd Onl
11/20/1990		302	442		
10/31/1967		105	180		

PROPERTY CHARACTERISTICS

01 TOPO-ELEV		07 STREET AMNTS	
Street Level	1X	Curb & Gutter	1
Above Street	2	Sidewalk	2
Below Street	3	Alley	3
		None	4
02 TOPO-TERRAIN			
Rolling	1	**08 LOC REGION**	
Steep	2	Urban	1
Low	3	Suburban	2
		Rural	3
03 TOPO-EXTREME		Business District	4
Swampy	1	Industrial	5
Ledge	2		
		09 LOC ENHANCE	
04 PUBLIC UTIL		Recreational	1
All	1	Waterfront	2
Water	2		
Sewer	3	**10 LOC RESTRICT**	
Gas	4	Flood Plane	1
		Easement/Public	2
05 PRIVATE UTIL		Non-Conforming	3
Well	1X	Obstructions	4
Septic	2X	Zoning	5
		Non-Buildable	6
06 STREET/ROAD			
Paved	1X		
Semipaved	2		
Unpaved	3		
Propose	4		

LAND TYPE

S SQUARE FEET
1 Primary Site (CALP)
2 Primary Site (App Rate)

A ACREAGE
1 Primary Site (App Rate)
2 Exc Frnt Ac (App Rate)
3 Exc Rear Ac (App Rate)
F# Exc Frnt Ac (CALP) (# depends on zoning)
R# Exc Rear Ac (CALP) (# depends on zoning)

G GROSS
1 SITE VALUE

LAND ADJUSTMENTS
1 TOPOGRAPHY
2 UTILITIES
3 STREET/ROAD
4 LOCATION

MEMORANDUM

- FLDDC : FIELD DATA COLLECTION
KATHY JOHNS RESTAURANT SIGN ON LIGHT=NV SURVEY; VOL 21 PG 1
4

BUILDING PERMITS

DATE	NUMBER	AMOUNT	PURPOSE

COMPARABLE SALES

Parcel	Date	Adjusted Price	Points

VALUE HISTORY

Use	Quantity	Appraised Value	Assessed Value
COMM LAND	1.670	198500	138950
COMM BUILD	1.00	252000	176400
COMM OUTBL	3.00	25500	17850
2007	Total	476000	333200
COMM LAND	1.670	198500	138950
COMM BUILD	1.00	252000	176400
COMM OUTBL	3.00	25500	17850
2006	Total	476000	333200

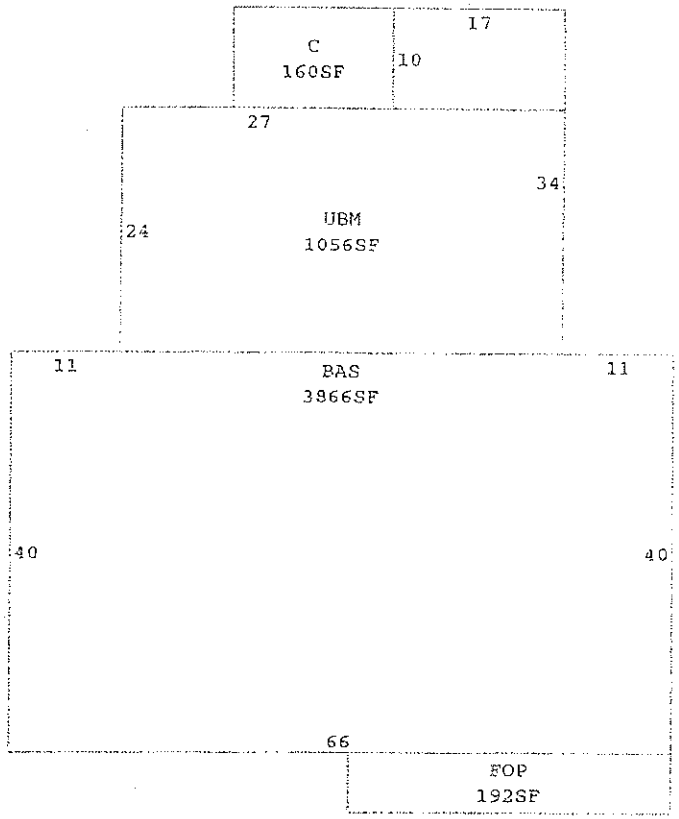
VALUE SUMMARY

	Land	Improvement	Total
Cost	198500	277500	476000
PVC	198500	277500	476000

IMPROVEMENT DATA AND COMPUTATIONS

002/0008/0013 Card 1 of 1 Work Year: 2007 643 MIDDLE TPKE

BUILDING INFORMATION	
LAND USE	C430
STATE USE	2-2
IMP STYLE	RESTAURANT
ENTRY	INSPECTION
IDENTICAL BUILD X	1
BASE AREA	3866
BASE PERIMETER	280
NUMBER OF STORIES	1
NUMBER OF FIXTURES	6
UNIT Type	N/A
Number	
HVAC	HEATING & A/C
ROOF STR	GABLE OR HIP
ROOF COV	ASPH/F GLASS/C
GRADE	C
YEAR BUILT	1968
YEAR REMODLED	
EFF YEAR BUILT	1980
EFFECTIVE AGE	24
LIFE	30 YEAR LIFE
CONDITION	AVERAGE
NORMAL DEP	50
OBSOLESCENCE	
OVERRIDE	



LEVEL / SECTION	000/001		001/001		/			
PRICING KEY	112		32					
PRICE KEY MODEL	BSMT		DINING/LOUNGE					
FRAMING TYPE	WOOD FRAME		WOOD FRAME					
EXTERIOR WALL	PREFAB WOOD PAN		PREFAB WOOD PAN					
EFF AREA	3866		3866					
EFF PERIMETER	280		280					
P.A.R. / FLR LVL HT	7	10	7	10				
AREA FACTOR	.27		1.00					
PRICE KEY RATE	29.40		109.20					
FRAME / FLR HT ADJs		1.25		-3.45				
BASE RATE / BPA FCT	30.65	1.00	105.75	1.00				
SUB -TOTAL	30.65		105.75					
TYPE OF UNITS	N/A		N/A					
NO OF UNITS								
SPRINK PCT / ADJ								
HEATING	HOT WATER		HOT WATER					
AIR CONDITION	CENTRAL		CENTRAL					
HEAT / AIR ADJs				11.75				
LIGHTING / ADJ								
D W FINISH								
DIV WALLS	AVERAGE - NO AD		AVERAGE - NO AD					
D W FIN / D W ADJs								
CEILING	CEILING & WALLS		CEILING & WALLS					
CEILING AREA / ADJ								
FLR FINISH	INLAID SHEET GO		INLAID SHEET GO					
INT WALLS	DRYWALL - NO AD		DRYWALL - NO AD					
FL FIN / INT WL ADJs								
OTH ADJ / LVL MULT		1		1				
TOT RATE / AREA FCT	30.65	x .27	117.50	x 1.00		x		
APPLIED AREA	3866		3866					
SUB -TOTAL	486300							
EXTERIOR FEATURES	5024		1-2 of 2 Level Sections					
PLUMBING	12600							
UNIT FINISH								
GRADE 1.00								
SPECIAL FEATURE								
RCN TOTAL	503900							

IMPROVEMENTS/SPECIAL FEATURES

SUMMARY OF IMPROVEMENTS

Sket ID	Use	Story Height	Const. Type	Size or Area	No. Un	Base Rate	Feat	Adj. Rate	Grade	Year Built	Year Rmld	Eff. Year	Con	RCN	Depreciation NO/OB/OR	Value
—	Building	1							C	1968		1980	AV	503900	50/ /	252000
1	PAV1			35000		1.40		1.40	D	1990		1990	AV	39200	40/ /	23500
2	LT1			1		1073.35		1073.35	D	1990		1990	AV	900	40/ /	500
3	LT7			1		3111.05		3111.05	D	1990		1990	AV	2500	40/ /	1500

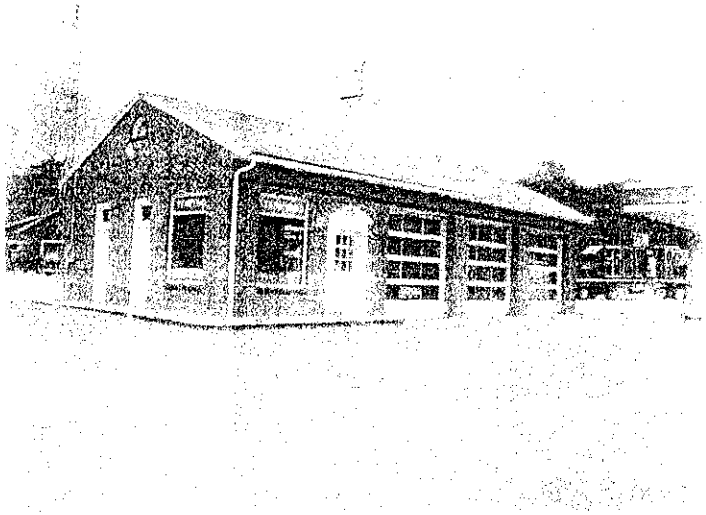
SPECIAL FEATURES

Value by Card Detach Total 25500

Collector/Date BILL MARSELE 01/24/2000 Appraiser/Date APPRAISAL 12/16/2004 Value by Card Total 277500

APPENDIX C

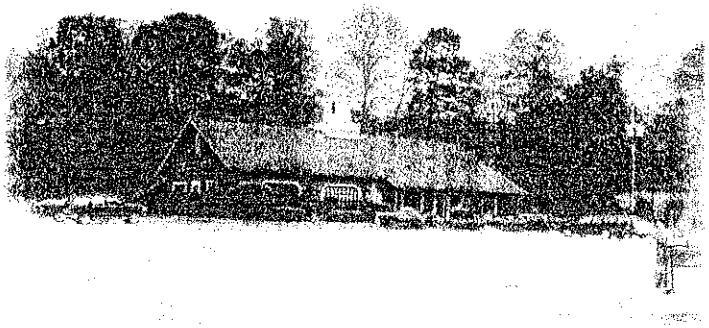
Site Photographs



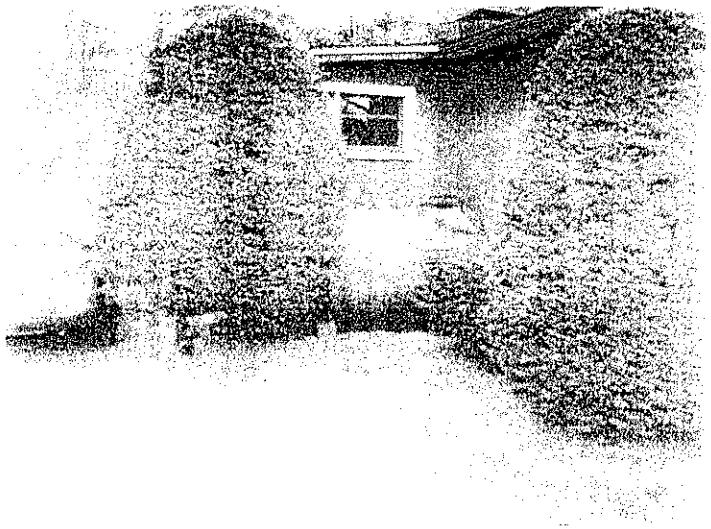
View of Service Station Building

View of Pump Canopy and Dispensers

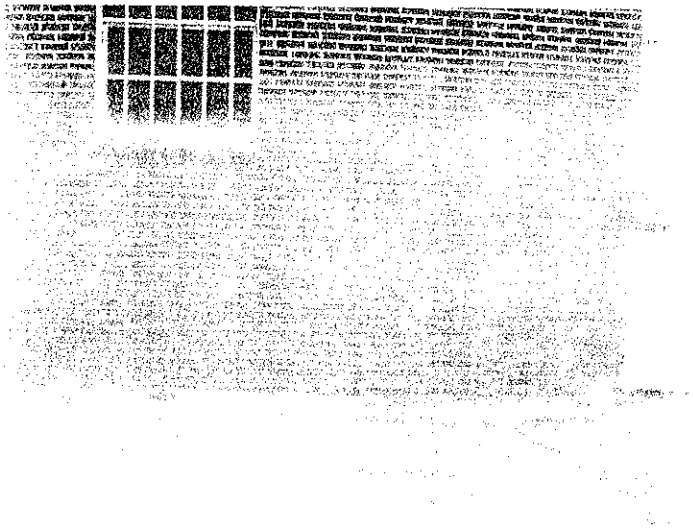
View of Gasoline USTs



View of Kathy John's Restaurant

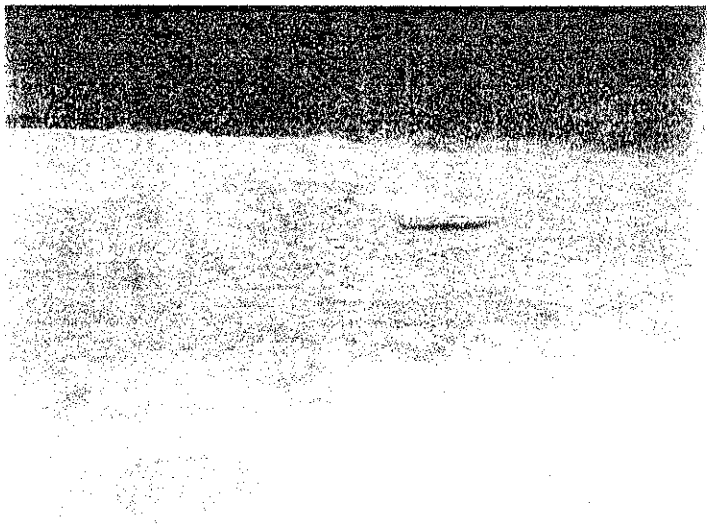


View of Kathy John's Fuel Oil AST

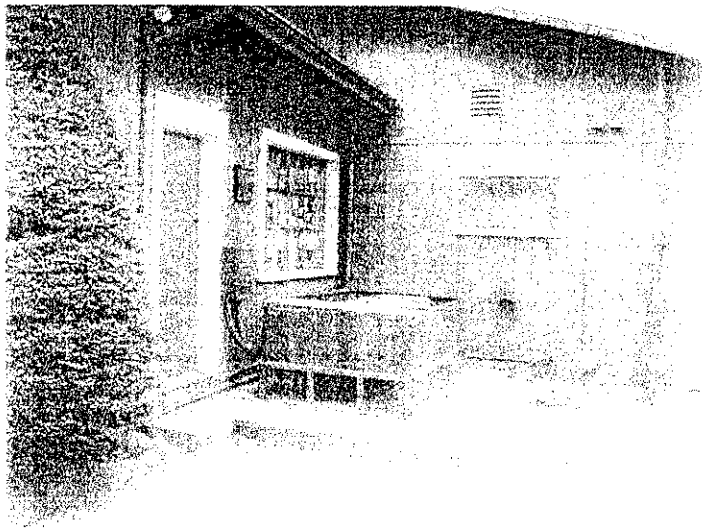


View of Plugged Port behind Service Station

View of Septic System Oil/Water Separators

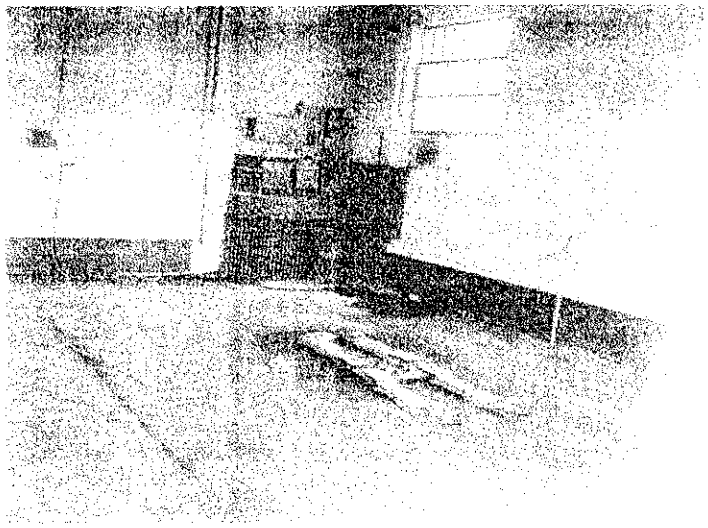


View of Dosing Chamber and Leach Field

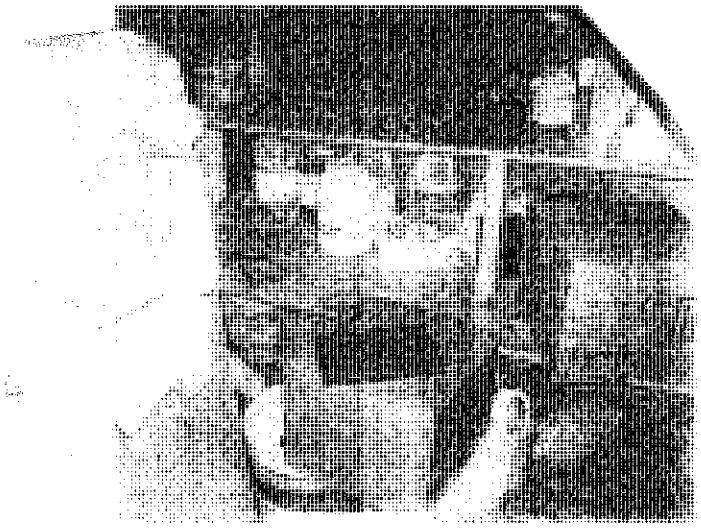


View of Drinking Water Well Area (behind shrubs)

View of Drums Behind Service Station

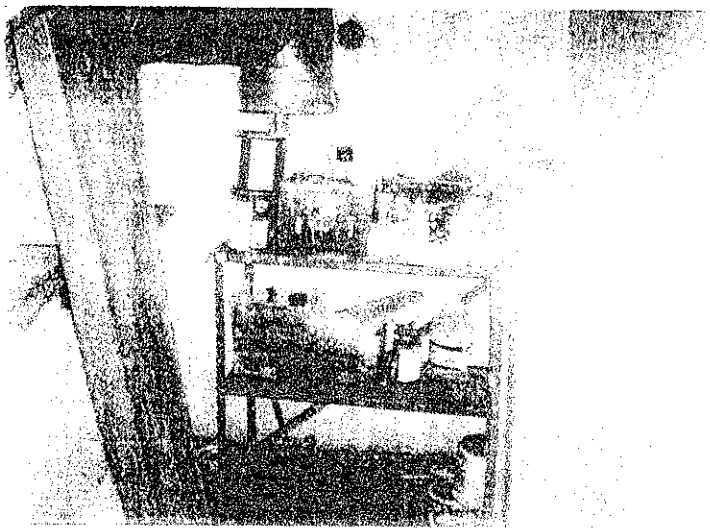


View of Hydraulic Lift in Bay at Service Station



View of Cleaner Storage at Kathy John's

View 1 of Paint Storage at Kathy John's

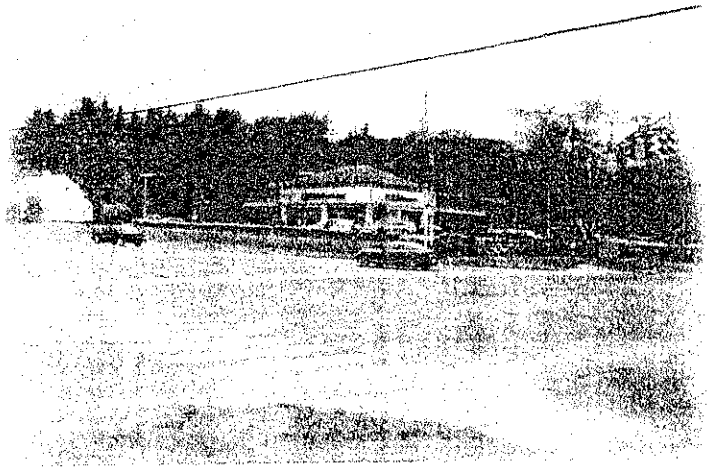


View 2 of Paint Storage at Kathy John's

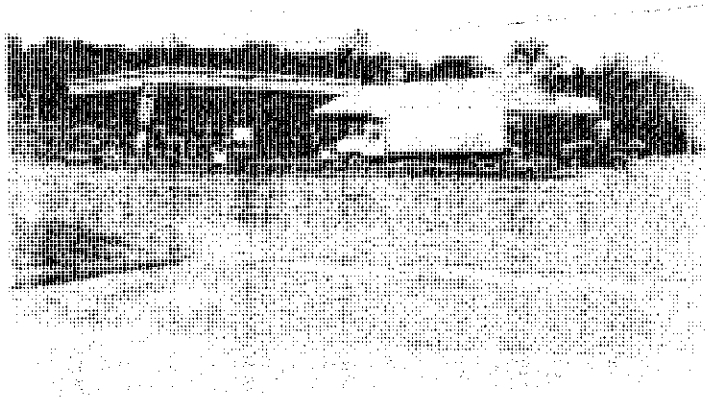
View of Northeastern Abutter

View of Southeastern Abutter – 650 Middle Turnpike

View of Southeastern Abutter – Dick's Garage

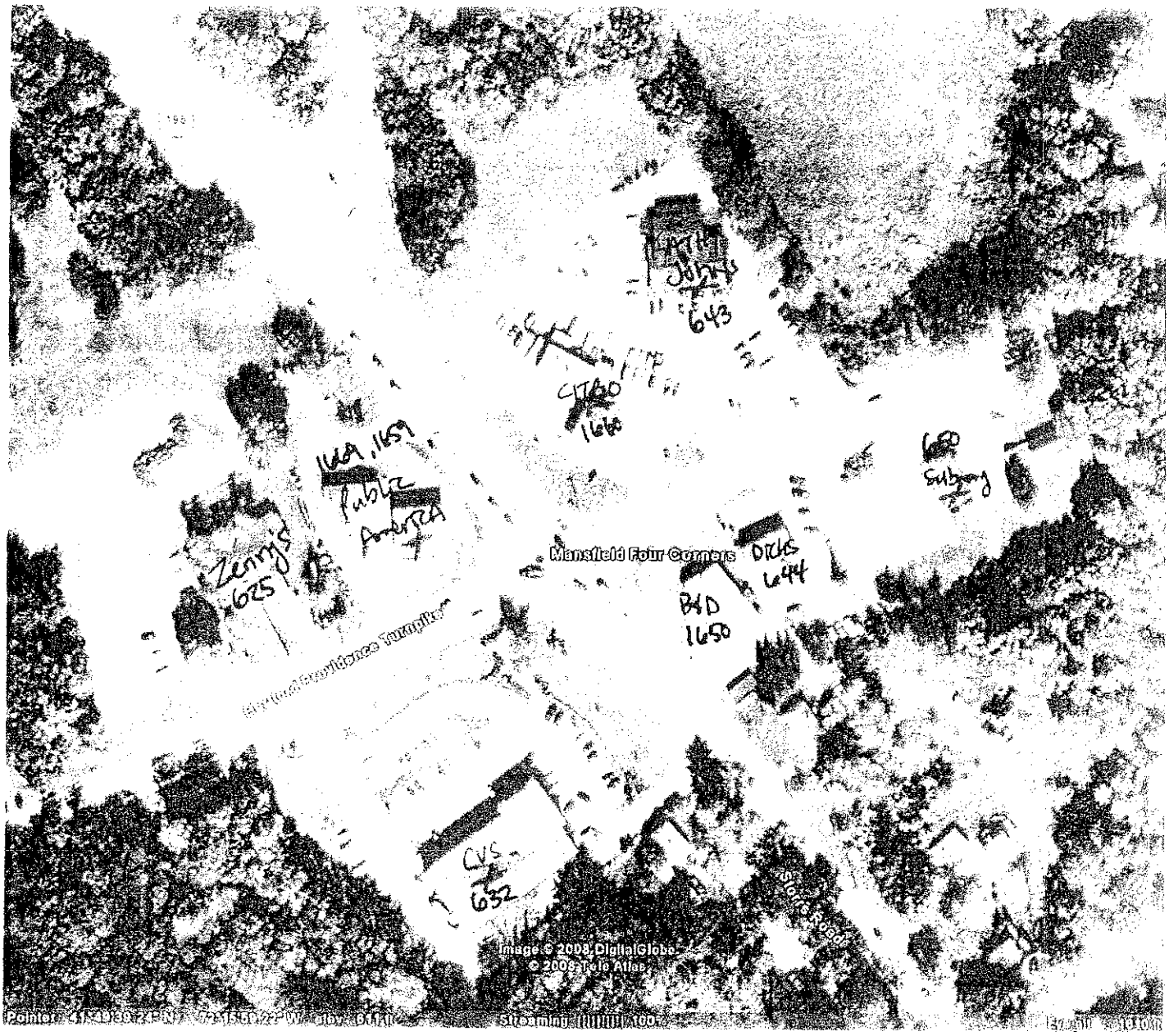


View of Southern Abutter – CVS (Formerly Exxon)



View of Southwestern Abutter – Public America

View of Northwestern Abutter



Public America - 1669, 1659 Storrs Rd - LUST, UST, MANIFEST

CVS - 632 Middle Turnpike - RCRA-NonGen, LUST, MANIFEST, FINDS (Alliance, Dixon)

B&D Package Store (Vacant) - 1650 Storrs Rd - (Pizza Corner)

Dicks Auto - 644 Middle Turnpike -

Subway Development (Vacant) - 650 Middle Turnpike - LUST (Steve Rogers, Bondi?)

Citgo (Republic ~~Oil~~ Texaco; Vacant) - 1660 Storrs Rd - SDADB, UST?, MANIFEST?

Kathy Johns - 643 Middle Turnpike - LUST

APPENDIX D

Historical Aerial Photographs

1660 Storrs Road

1660 Storrs Road
Mansfield, CT 06268

Inquiry Number: 2220414.5
May 15, 2008

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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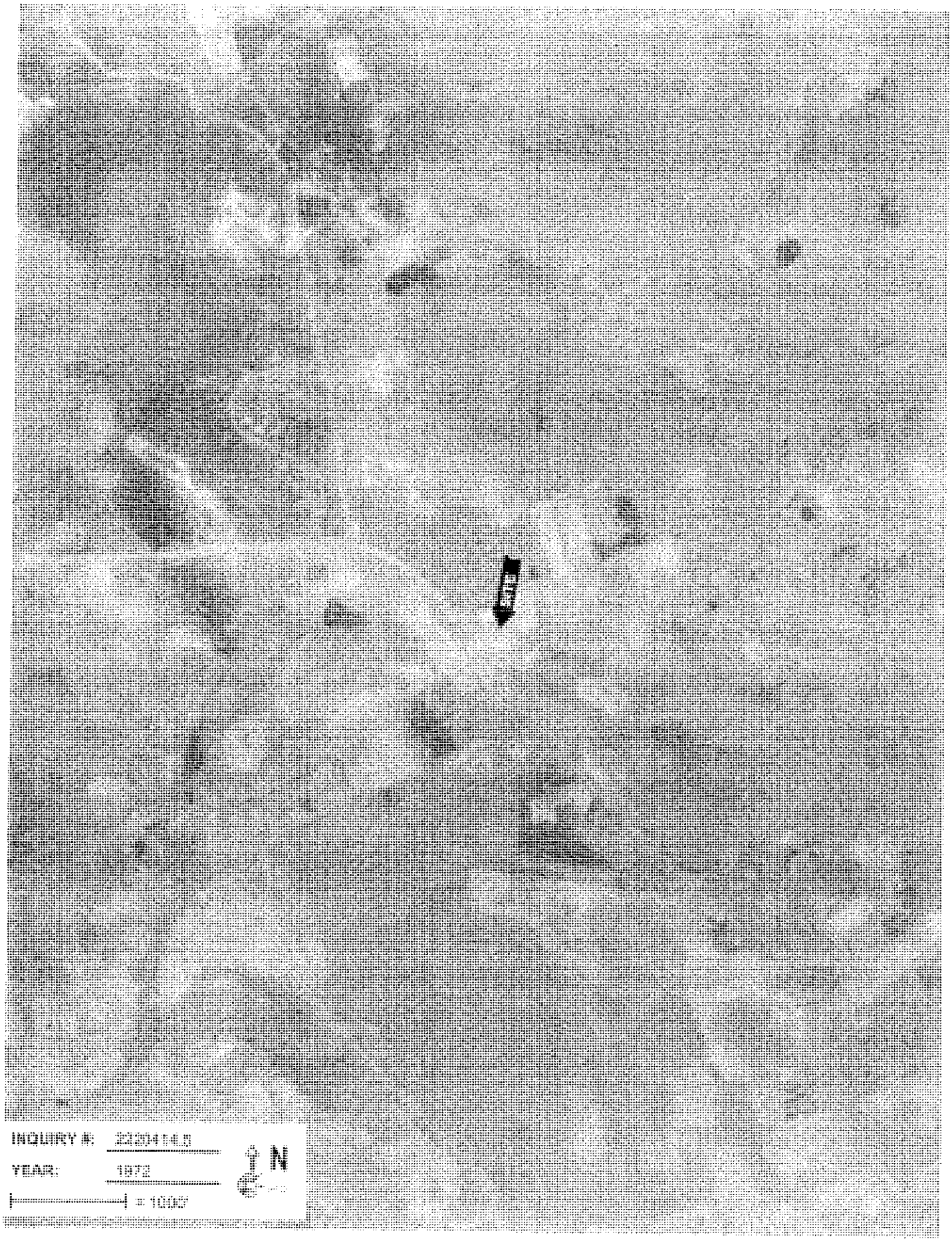
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N

INQUIRY #: 2221041 4.5
YEAR: 1985
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N

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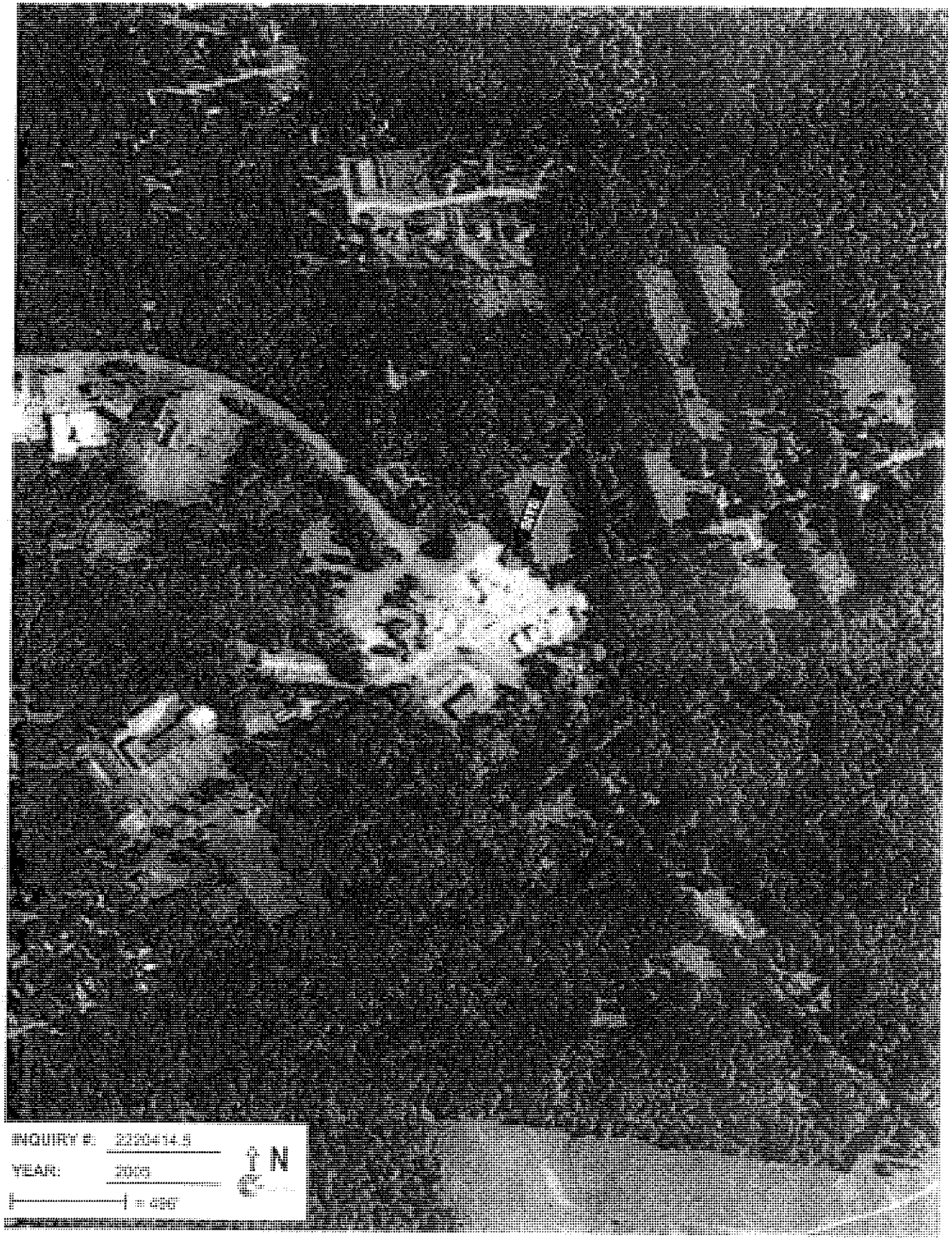
YEAR: 1927
= 750'
N


INQUIRY #: 2234414.5
YEAR: 2005
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APPENDIX E

Historical Topographical Maps

1660 Storrs Road
1660 Storrs Road
Mansfield, CT 06268

Inquriy Number: 2220414.4
May 15, 2008

The EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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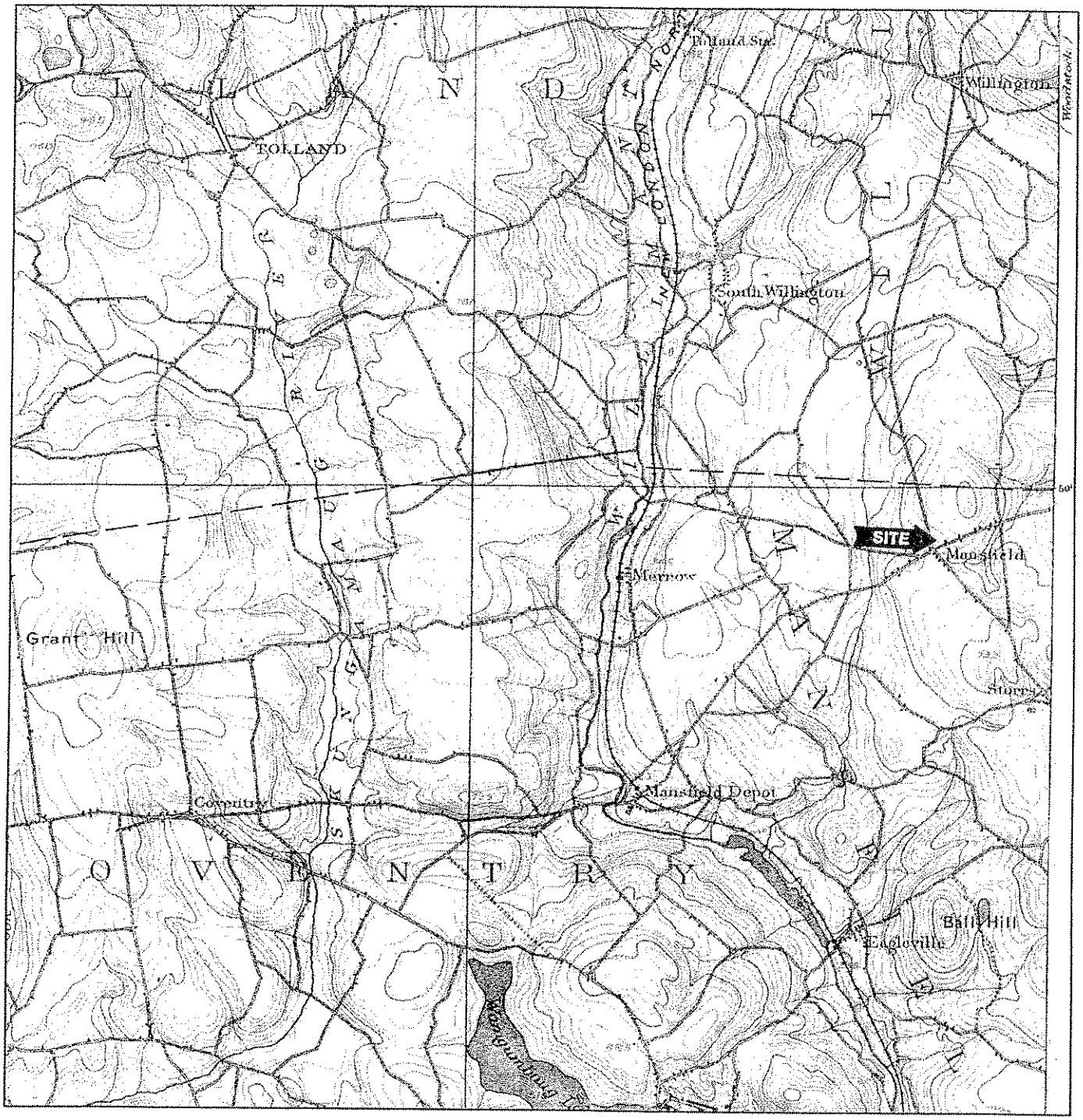
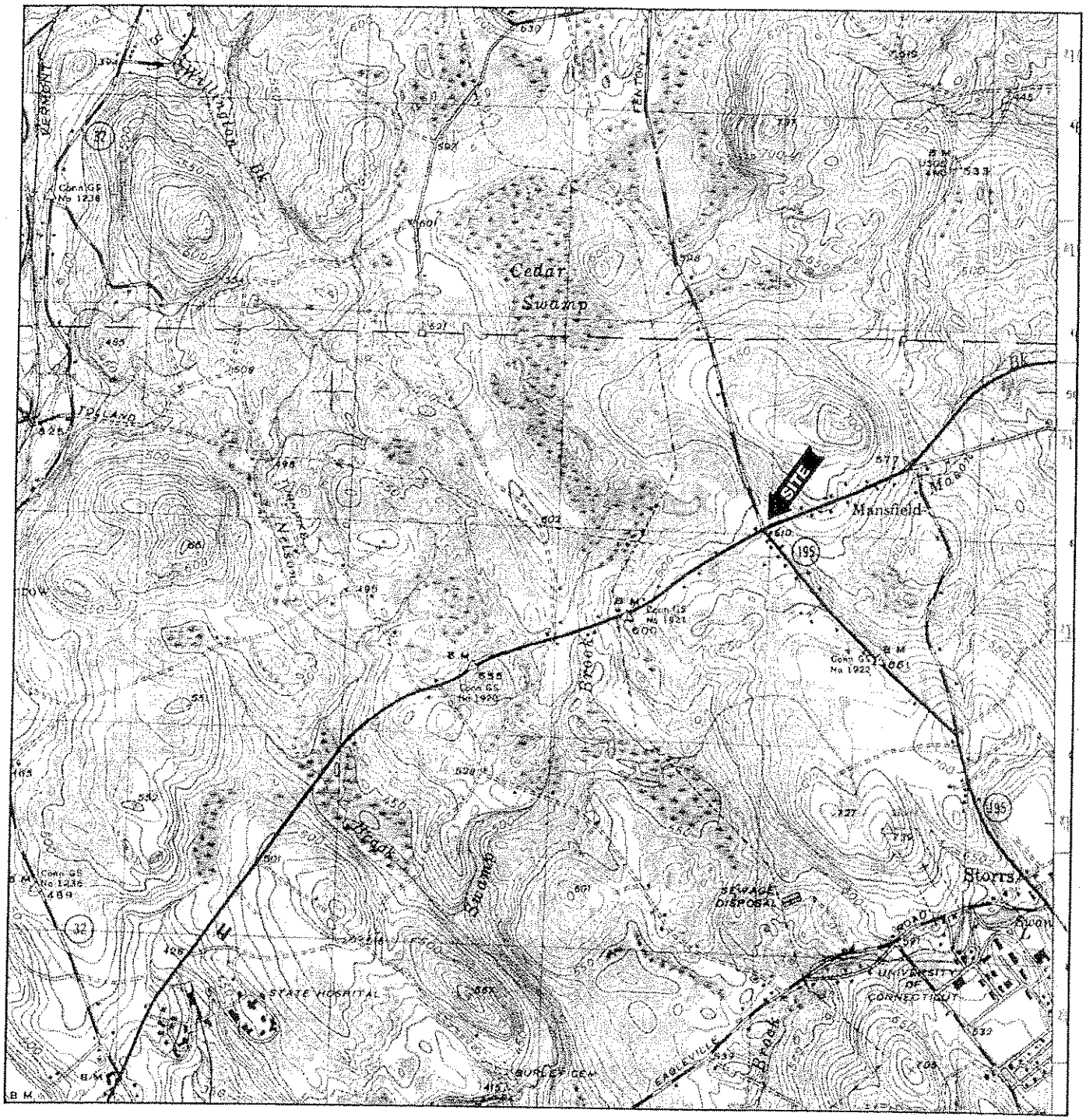
Historical Topographic Map



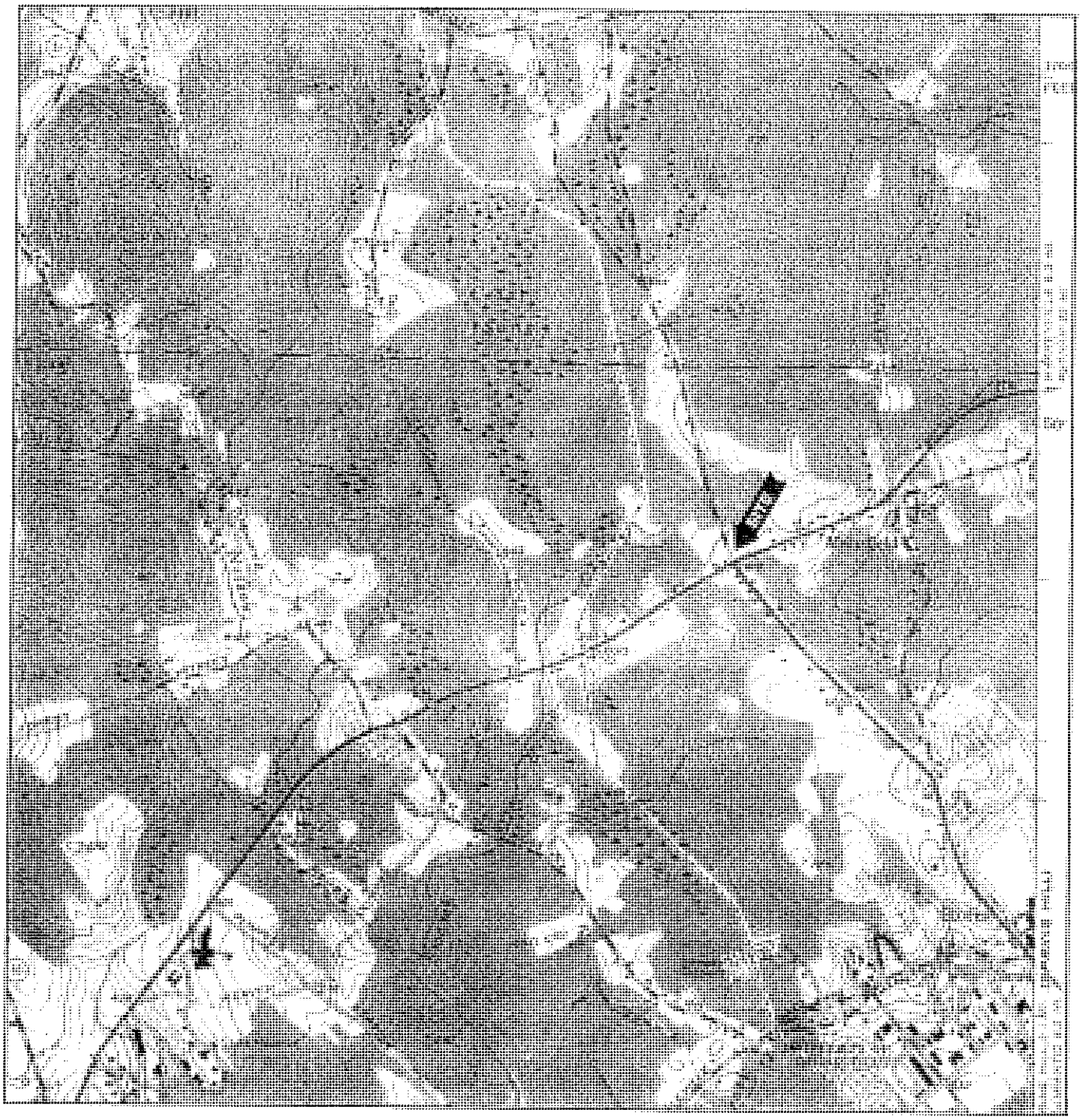
N	TARGET QUAD NAME: TOLLAND MAP YEAR: 1892 SERIES: 15 SCALE: 1:62500	SITE NAME: 1660 Storrs Road ADDRESS: 1660 Storrs Road Mansfield, CT 06268 LAT/LONG: 41.8276 / 72.2666	CLIENT: Pennoni Associates, Inc. CONTACT: Jeff Brunelle INQUIRY#: 2220414.4 RESEARCH DATE: 05/15/2008

Historical Topographic Map



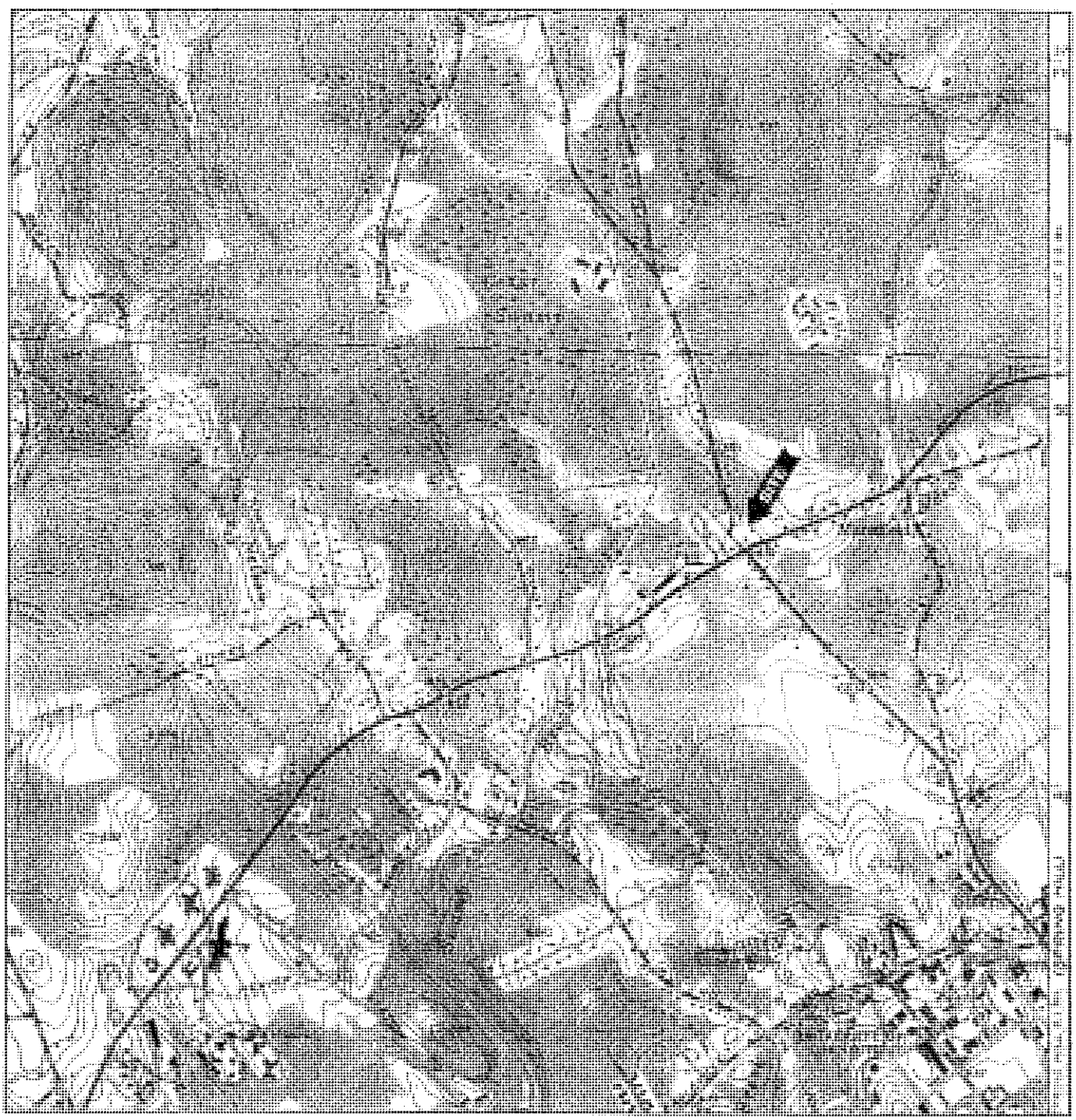
N	TARGET QUAD NAME: COVENTRY MAP YEAR: 1948 SERIES: 7.5 SCALE: 1:25000	SITE NAME: 1660 Storrs Road ADDRESS: 1660 Storrs Road Mansfield, CT 06268 LAT/LONG: 41.8276 / 72.2666	CLIENT: Pennoni Associates, Inc. CONTACT: Jeff Brunelle INQUIRY#: 2220414.4 RESEARCH DATE: 05/15/2008

Historical Topographic Map



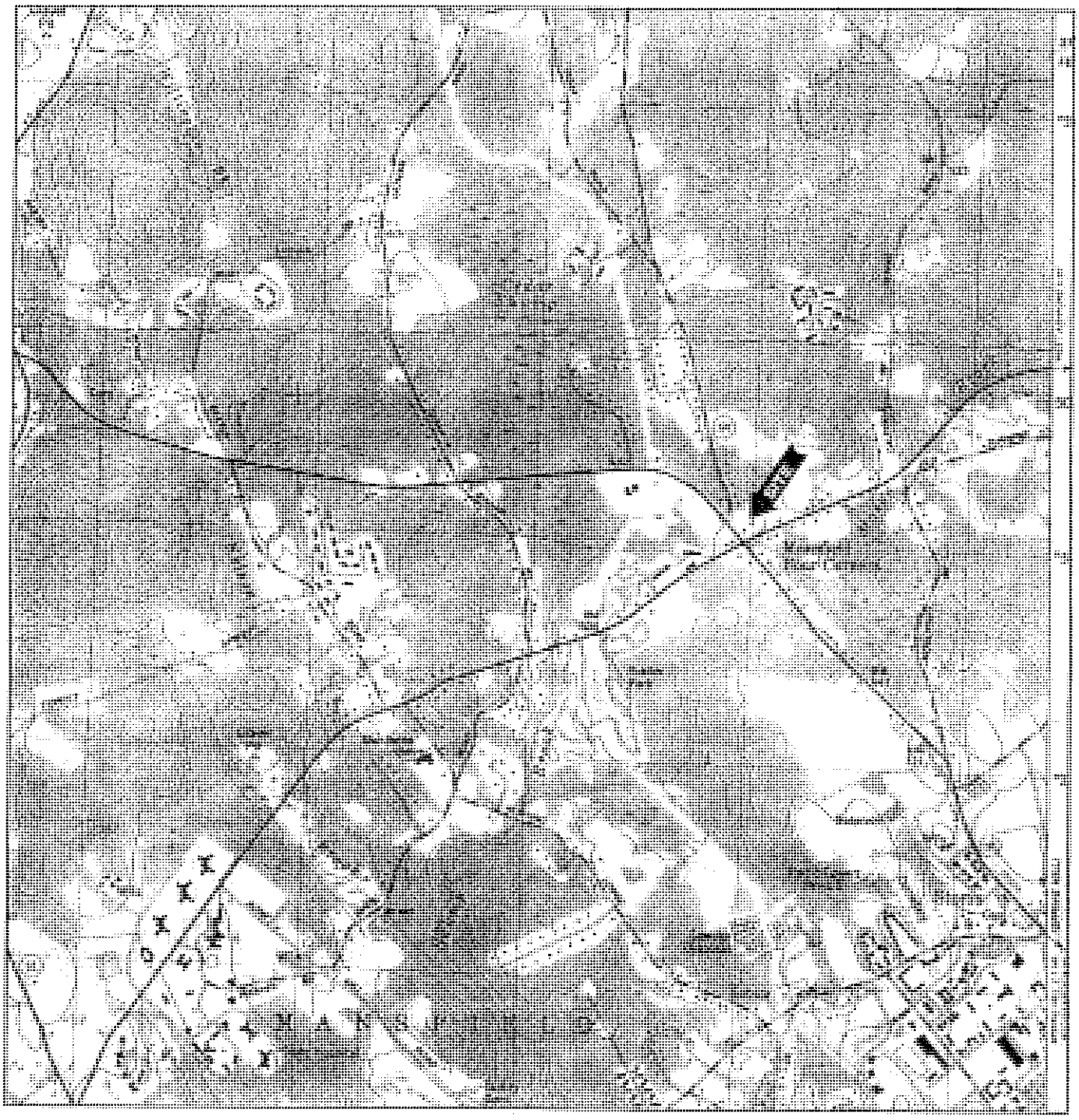
N	TARGET QUAD NAME: COVENTRY MAP YEAR: 1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1660 Storrs Road ADDRESS: 1660 Storrs Road Mansfield, CT 06268 LAT/LONG: 41.8276 / 72.2666	CLIENT: Pennoni Associates, Inc. CONTACT: Jeff Brunelle INQUIRY#: 2220414.4 RESEARCH DATE: 05/15/2008

Historical Topographic Map



N	TARGET QUAD NAME: COVENTRY MAP YEAR: 1970 PHOTOREVISED FROM:1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1660 Storrs Road ADDRESS: 1660 Storrs Road Mansfield, CT 06268 LAT/LONG: 41.8276 / 72.2666	CLIENT: Pennoni Associates, Inc. CONTACT: Jeff Brunelle INQUIRY#: 2220414.4 RESEARCH DATE: 05/15/2008

Historical Topographic Map



N	TARGET QUAD NAME: COVENTRY MAP YEAR: 1983 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 1660 Storrs Road ADDRESS: 1660 Storrs Road Mansfield, CT 06268 LAT/LONG: 41.8276 / 72.2666	CLIENT: Pennoni Associates, Inc. CONTACT: Jeff Brunelle INQUIRY#: 2220414.4 RESEARCH DATE: 05/15/2008

APPENDIX F

Sanborn Fire Insurance Maps

1660 Storrs Road
1660 Storrs Road
Mansfield, CT 06268

Inquriy Number: 2220414.3
May 14, 2008

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

5/14/08

Site Name:	Client Name:
1660 Storrs Road 1660 Storrs Road Mansfield, CT 06268	Pennoni Associates, Inc. 100 Burtt Road Andover, MA 01810
EDR Inquiry # 2220414.3	Contact: Jeff Brunelle

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Pennoni Associates, Inc. were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name:	1660 Storrs Road
Address:	1660 Storrs Road
City, State, Zip:	Mansfield, CT 06268
Cross Street:	
P.O. #	NA
Project:	NA
Certification #	EDA1-4B9E-B775

Sanborn® Library search results
Certification # EDA1-4B9E-B775

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

Total Maps: 0

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APPENDIX G

City Directory Abstract

1660 Storrs Road
1660 Storrs Road
Mansfield, CT 06268

Inquiry Number: 2220414.6
May 15, 2008

The EDR-City Directory Abstract

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

This document reports that Environmental Data Resources, Inc. (EDR) searched select national repositories of business directories, and based on client-supplied target property information, business directories including the target property information were not deemed reasonably ascertainable by EDR. This no coverage determination reflects a search only of business directory repository collections which EDR accessed. It can not be concluded from this search that no coverage for the target property exists anywhere, in any collection.

NO COVERAGE

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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APPENDIX H

ASTM Owner/Occupant Questionnaire

Government Records/Historical Sources Inquiry
(See guide, Section 10)

21. Do any of the following federal, state, or tribal government record systems list the *property* or any *property* within the search distance noted below (where available):

SEE EDR RPT

	Approximate Minimum Search Distance, miles (kilometres)		
Federal *NPL* site list	1.0 (1.6)	Yes	No
Federal Delisted *NPL* site list	0.5 (0.8)	Yes	No
Federal CERCLIS list	0.5 (0.8)	Yes	No
Federal CERCLIS NFRAP site list	0.5 (0.8)	Yes	No
Federal RCRA CORRACTS facilities list	1.0 (1.6)	Yes	No
Federal RCRA non-CORRACTS TSD Facilities list	0.5 (0.8)	Yes	No
Federal *RCRA generators list*	*property* and *adjoining properties*	Yes	No
Federal institutional control/engineering control registries	*property* only		
Federal *ERNS list*	*property* only	Yes	No
State and tribal lists of *hazardous waste sites* identified for investigation or remediation:			
State-and tribal-equivalent *NPL*	1.0 (1.6)	Yes	No
State-and tribal-equivalent CERCLIS	0.5 (0.8)	Yes	No
State-and tribal-*landfill* and/or *solid waste disposal site lists*	0.5 (0.8)	Yes	No
State-and tribal-leaking storage tank lists	0.5 (0.8)	Yes	No
State and tribal registered storage tank lists	*property* and *adjoining properties*	Yes	No
State and tribal *institutional control/engineering* control registries	*property* only	Yes	No
State and tribal voluntary cleanup sites	0.5 (0.8)	Yes	No
State and tribal Brownfield sites	0.5 (0.8)	Yes	No

22. Based upon a review of *fire insurance maps* (10.2.3) or *local street directories* (10.2.3), all as specified in the guide, are any buildings or other improvements on the *property* or on an *adjoining property* identified as having been used for an industrial use or uses likely to lead to contamination of the *property*? Yes No Unavailable

Result: _____

The *Owner* questionnaire answers were provided was completed by:

Name JOHN JONES
Title OWNER
Firm KATHY JOHN'S
Address 643 MIDDLE TURNPIKE
Phone number
Date 5-23-08
Role(s) at the site
Number of years at the site 40+
Relationship to *user* (for example, principal, employee, agent, consultant)

The *Occupant* questionnaire answers were provided by:

Name N/A
Title
Firm
Address

Phone number
Date
Role(s) at the site
Number of years at the site
Relationship to *user* (for example, principal, employee, agent, consultant)

The *Site Visit* questionnaire was completed by:

Name JEFF BRUNELLE
Title GEOLOGIST
Firm PENNONI ASSOC.
Address 100 GRIFF RD STE 120 ANDOVER MA 01810
Phone number 978-749-9929
Date 5-15-08
Relationship to site
Relationship to *user* (for example, principal, employee, agent, consultant)

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user must determine, in the exercise of the *user's* reasonable business judgment, the scope of such further inquiry.

5.8 *Further Inquiry*—Upon completing the *transaction screen questionnaire*, if the *user* concludes that further inquiry or action is needed (for example, consult with an environmental consultant, contractor, governmental authority, or perform additional governmental and/or historical records review), the *user* should proceed with such inquiry. (Note that if the *user* determines to proceed with a Phase I Environment Site Assessment, the *user* may apply the current Practice E 1527 or alternatively the provisions of EPA's regulation "Standards and Practices for All Appropriate Inquiries," 40 C.F.R. Part 312.)

5.9 *Signature*—The *user* and the *preparer* of the *transaction screen questionnaire* must complete and sign the questionnaire as provided at the end of the questionnaire.

6. Transaction Screen Questionnaire

6.1 *Persons to Be Questioned*—The following questions should be asked of *(1)* the current *owner* of the *property*, *(2)* any major *occupant* of the *property* or, if the *property* does not have any *major occupants*, at least 10 % of the *occupants* of the *property*, and *(3)* in addition to the current *owner* and the *occupants* identified in *(2)*, any *occupant* likely to be using, treating, generating, storing, or disposing of *hazardous substances* or *petroleum products* on or from the *property*. A major *occupant* is any *occupant* using at least 40 % of the leasable area of the *property* or any anchor tenant when the *property* is a shopping center. In a multifamily *property* containing both residential and commercial uses, the *preparer* does not need to ask questions of the residential *occupants*. The *preparer* should ask each person to answer all questions to the best of the respondent's *actual knowledge* and in good faith. When completing the *site visit* column, the *preparer* should be sure to observe the *property* and any buildings and other structures on the *property*. The guide to this *transaction screen questionnaire* (see Sections 7-10) provides further details on the appropriate use of this questionnaire. (See Note 2.)

NOTE 2—Unk = "unknown" or "no response."

Description of Site/Address:
463 Middle Turnpike
1660 Storrs Road
Storrs Mansfield CT

Question	Owner			Occupants (if applicable)			Observed During Site Visit		If yes, provide description
1a. Is the *property* used for an industrial use?	Yes	(No)	Unk	Yes	No	Unk	Yes	(No)	
1b. Is any *adjoining property* used for an industrial use?	Yes	(No)	Unk	Yes	No	Unk	Yes	(No)	
2a. Did you observe evidence or do you have any prior knowledge that the *property* has been used for an industrial use in the past?	Yes	(No)	Unk	Yes	No	Unk	Yes	(No)	
2b. Did you observe evidence or do you have any prior knowledge that any *adjoining property* has been used for an industrial use in the past?	Yes	(No)	Unk	Yes	No	Unk	Yes	(No)	
3a. Is the *property* used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	(Yes)	No	Unk	Yes	No	Unk	(Yes)	No	Former CITGO & Republic Texaco
3b. Is any *adjoining property* used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	(Yes)	No	Unk	Yes	No	Unk	(Yes)	No	Public America Dick's Garage Former Exxon

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Question	Owner			Occupants (if applicable)			Observed During Site Visit		If yes, provide description
4a. Did you observe evidence or do you have any prior knowledge that the *property* has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes	No	Unk	Yes	No	Unk	Yes	No	FORMER GAS STATION & REPAIR GARAGE
4b. Did you observe evidence or do you have any prior knowledge that any *adjoining property* has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes	No	Unk	Yes	No	Unk	Yes	No	EXXON DICK'S GARAGE PUBLIC AMERICA GAS
5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the *property* or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No	
5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the *property* or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No	ASSUMED W/ OPERATION OF GAS & SERVICE STATION
6a. Are there currently any industrial *drums* (typically 55 gal (208 L)) or sacks of chemicals located on the *property* or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No	3 DRUMS NEAR DUMPSTER @ SERVICE STATION
6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial *drums* (typically 55 gal (208 L)) or sacks of chemicals located on the *property* or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No	"
7a. Did you observe evidence or do you have any prior knowledge that *fill dirt* has been brought onto the *property* that originated from a contaminated site?	Yes	No	Unk	Yes	No	Unk	Yes	No	
7b. Did you observe evidence or do you have any prior knowledge that *fill dirt* has been brought onto the *property* that is of an unknown origin?	Yes	No	Unk	Yes	No	Unk	Yes	No	
8a. Are there currently any *pits, ponds,* or *lagoons* located on the *property* in connection with waste treatment or waste disposal?	Yes	No	Unk	Yes	No	Unk	Yes	No	
8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any *pits, ponds,* or *lagoons* located on the *property* in connection with waste treatment or waste disposal?	Yes	No	Unk	Yes	No	Unk	Yes	No	

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Question	Owner			Occupants (if applicable)			Observed During Site Visit		If yes, provide description
9a. Is there currently any stained soil on the *property*?	Yes	(No)	Unk	Yes	No	Unk	Yes	No	
9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the *property*?	Yes	(No)	Unk	Yes	No	Unk	Yes	No	
10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the *property*?	(Yes)	No	Unk	Yes	No	Unk	Yes	No	GAS TANKS @ STATION HEATING OIL @ RESTAURANT
10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the *property*?	(Yes)	No	Unk	Yes	No	Unk	Yes	No	"
11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*?	(Yes)	No	Unk	Yes	No	Unk	Yes	No	"
11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the *property* or adjacent to any structure located on the *property*?	(Yes)	No	Unk	Yes	No	Unk	Yes	No	"
12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the *property*?	Yes	(No)	Unk	Yes	No	Unk	Yes	No	
12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the *property*?	Yes	(No)	Unk	Yes	No	Unk	Yes	No	
13a. If the *property* is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes	(No)	Unk	Yes	No	Unk	Yes	No	
13b. If the *property* is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?	Yes	(No)	Unk	Yes	No	Unk	Yes	No	
14. Does the owner or *occupant* of the *property* have any knowledge of *environmental liens* or governmental notification relating to past or recurrent violations of environmental laws with respect to the *property* or any facility located on the *property*?	Yes	(No)	Unk	Yes	No	Unk			

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Question	Owner			Occupants (if applicable)			Observed During Site Visit		If yes, provide description
15a. Has the *owner* or *occupant* of the *property* been informed of the past existence of *hazardous substances* or *petroleum products* with respect to the *property* or any facility located on the *property*?	Yes	No	Unk	Yes	No	Unk		GAS	STATION
15b. Has the *owner* or *occupant* of the *property* been informed of the current existence of *hazardous substances* or *petroleum products* with respect to the *property* or any facility located on the *property*?	Yes	No	Unk	Yes	No	Unk			"
15c. Has the *owner* or *occupant* of the *property* been informed of the past existence of environmental violations with respect to the *property* or any facility located on the *property*?	Yes	No	Unk	Yes	No	Unk			
15d. Has the *owner* or *occupant* of the *property* been informed of the current existence of environmental violations with respect to the *property* or any facility located on the *property*?	Yes	No	Unk	Yes	No	Unk			
16. Does the *owner* or *occupant* of the *property* have any knowledge of any *environmental site assessment* of the *property* or facility that indicated the presence of *hazardous substances* or *petroleum products* on, or contamination of, the *property* or recommended further assessment of the *property*?	Yes	No	Unk	Yes	No	Unk			
17. Does the *owner* or *occupant* of the *property* know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any *hazardous substance* or *petroleum products* involving the *property* by any *owner* or *occupant* of the *property*?	Yes	No	Unk	Yes	No	Unk			
18a. Does the *property* discharge *waste-water* (not including sanitary waste or storm water) onto or adjacent to the *property* and/or into a storm water system?	Yes	No	Unk	Yes	No	Unk	Yes	No	
18b. Does the *property* discharge waste water (not including sanitary waste or storm water) onto or adjacent to the *property* and/or into a sanitary sewer system?	Yes	No	Unk	Yes	No	Unk	Yes	No	
19. Did you observe evidence or do you have any prior knowledge that any *hazardous substances* or *petroleum products*, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the *property*?	Yes	No	Unk	Yes	No	Unk	Yes	No	
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of *PCBs*?	Yes	No	Unk	Yes	No	Unk	Yes	No	

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The *Government Records* and *Historical Sources Inquiry* questionnaire was completed by:

Name EDR (See report)
Title
Firm
Address

Phone number
Date
Relationship to site
Relationship to *user* (for example, principal, employee, agent, consultant)

User's relationship to the site (for example, *owner*, prospective purchaser, lender, etc.)

If the *preparer*(s) is different from the *user*, complete the following:

Name of *User*
User's address

User's phone number

Copies of the completed questionnaires have been filed at:

Copies of the completed questionnaires have been mailed or delivered to:

Preparer represents that to the best of the *preparer's* knowledge the above statements and facts are true and correct and to the best of the *preparer's actual knowledge* no material facts have been suppressed or misstated.

Signature [signature] Date 6-23-08
Signature ..... Date .....
Signature ..... Date .....

It is the user's responsibility to draw conclusions regarding affirmative or unknown answers.

7. Guide to Transaction Screen Questionnaire

7.1 The following sets forth the guide to the *transaction screen questionnaire*. The guide accompanies the *transaction screen questionnaire* to assist the *preparer* in completing the questionnaire. Questions found in the *transaction screen questionnaire* are repeated in the guide.

7.2 If the *preparer* completing the *transaction screen questionnaire* is familiar with the guide from prior usage, the questionnaire may be completed without reference to the guide.

7.3 The *site visit* portion of the guide considers most of the same questions set forth in the guide to *owner/occupant* inquiry because the *transaction screen process* requires both questions of *owners* and *occupants* of the *property* and observations of the *property* by the *preparer*.

7.4 Prior *transaction screen* usage procedures are contained in the guide to *owner/occupant* inquiry and the guide to government records/historical sources inquiry. The information supplied in connection with the *site visit* portion of a prior *transaction screen* may be used for guidance, but may not be relied upon without determining through a new *site visit* whether any conditions that are material to potential environmental concerns in connection with the *property* have changed since the prior *transaction screen*. Therefore, the guide to the *site visit* does not contain any prior assessment procedures.

7.5 In performing the *site visit* portion of the *transaction screen process*, the *preparer* should *visually and physically observe* the *property* and any structure located on the *property* to the extent not obstructed by bodies of water, cliffs, adjacent buildings, or other impassable obstacles.

7.5.1 The periphery of the *property* should be *visually and physically observed*, as well as the periphery of all structures on the *property*, and the *property* should be viewed from all adjacent public thoroughfares. Any overgrown areas should be inspected, including roads or paths with no apparent outlet that should be *visually and physically observed* to their ends.

7.5.2 On the interior of structures on the *property*, accessible common areas expected to be used by building *occupants* or the public (such as lobbies, hallways, utility rooms, and recreation areas), a representative sample of *owner* and *occupant* spaces, and maintenance and repair areas, including boiler rooms, should be *visually and physically observed*. It is not necessary to look under floors, above ceilings, or behind walls.

7.5.3 After completing the *site visit*, the *preparer* of the *transaction screen questionnaire* may obtain "yes" answers that require the *preparer* once again to ask questions of the *owner* of the *property* or *occupants* of the *property* to satisfy the *user* that no further inquiry is necessary.

7.6 In addition to asking questions of the *owner* of the *property* and *occupants* of the *property* (Section 8) and *visually and physically observing* the *property* (Section 9), the *user* completing the *transaction screen process* should determine, either from governmental agencies or through commercial services providing government environmental records, whether certain known or suspected contaminated sites or activities involving the release of *hazardous substances* or *petroleum products* occur on or near the *property*. See Section 10.

7.6.1 These records may be obtained either directly from the government agencies or from commercial services that provide the records for a fee. Because of the numerous sources that

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APPENDIX I

Environmental Database Search Report

1660 Storrs Road
1660 Storrs Road
Mansfield, CT 06268

Inquiry Number: 2220414.2s
May 14, 2008

The EDR Radius Map™ Report with GeoCheck®

EDR Environmental Data Resources, Inc.

440 Wheelers Farms Road
Milford, CT 06461
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TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	63
Government Records Searched/Data Currency Tracking	GR-1
GEOCHECK ADDENDUM	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-19
Physical Setting Source Map Findings	A-20
Physical Setting Source Records Searched	A-26

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1660 STORRS ROAD
MANSFIELD, CT 06268

COORDINATES

Latitude (North):	41.6276000 - 41° 40' 39.4"
Longitude (West):	72.266600 - 72° 15' 59.8"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	726599.6
UTM Y (Meters):	4614034.5
Elevation:	522 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	41072-G3 COVENTRY, CT
Most Recent Revision:	1983
East Map:	41072-G2 SPRING HILL, CT
Most Recent Revision:	1983

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
REPUBLIC OIL 14 CORNERS 1660 STORRS ROAD MANSFIELD, CT	SQAD8	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL.....National Priority List

EXECUTIVE SUMMARY

Proposed NPL.....Proposed National Priority List Sites
Deleted NPL.....National Priority List Deletions
NPL LIENS.....Federal Superfund Liens
CERCLIS.....Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP.....CERCLIS No Further Remedial Action Planned
LIENS 2.....CERCLA Lien Information
CORRACTS.....Corrective Action Report
RCRA-TSDF.....RCRA - Transporters, Storage and Disposal
RCRA-LQG.....RCRA - Large Quantity Generators
RCRA-SQG.....RCRA - Small Quantity Generators
RCRA-CESQG.....RCRA - Conditionally Exempt Small Quantity Generator
US ENG CONTROLS.....Engineering Controls Sites List
US INST CONTROL.....Sites with Institutional Controls
ERNS.....Emergency Response Notification System
HMIRS.....Hazardous Materials Information Reporting System
DOT OPS.....Incident and Accident Data
US CDL.....Clandestine Drug Labs
US BROWNFIELDS.....A Listing of Brownfields Sites
DOD.....Department of Defense Sites
FUDS.....Formerly Used Defense Sites
LUCIS.....Land Use Control Information System
CONSENT.....Superfund (CERCLA) Consent Decrees
ROD.....Records Of Decision
UMTRA.....Uranium Mill Tailings Sites
ODI.....Open Dump Inventory
DEBRIS REGION 9.....Torres Martinez Reservation Illegal Dump Site Locations
MINES.....Mines Master Index File
TRIS.....Toxic Chemical Release Inventory System
TSCA.....Toxic Substances Control Act
FTTS.....FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....Section 7 Tracking Systems
ICIS.....Integrated Compliance Information System
PADS.....PCB Activity Database System
MLTS.....Material Licensing Tracking System
RADINFO.....Radiation Information Database
FINDS.....Facility Index System/Facility Registry System
RAATS.....RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SHWS.....Inventory of Hazardous Disposal Sites
SWF/LF.....List of Landfills/Transfer Stations
SWRCY.....Recycling Facilities
AST.....Marine Terminals and Tank Information
SPILLS.....Oil & Chemical Spill Database
AUL.....ELUR Sites
VCP.....Voluntary Remediation Sites
DRYCLEANERS.....Drycleaner Facilities
BROWNFIELDS.....Brownfields Inventory
CDL.....Clandestine Drug Lab Listing
ENF.....Enforcement Case Listing
NPDES.....Wastewater Permit Listing
AIRS.....Permitted Air Sources Listing

EXECUTIVE SUMMARY

CT PROPERTY..... Property Transfer Filings

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
INDIAN UST..... Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in *bold italics* are in multiple databases.

Unmapped (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 03/06/2008 has revealed that there is 1 RCRA-NonGen site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ALLIANCE ENERGY	*632 MIDDLE TNPK*	*0 - 1/8 SSW*	*B6*	*15*

STATE AND LOCAL RECORDS

SDADB: Site Discovery and Assessment Database.

A review of the SDADB list, as provided by EDR, and dated 02/13/2008 has revealed that there are 5 SDADB sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
EXXON CORP. # 35795	623 MIDDLE TURNPIKE	1/8 - 1/4 ENE	16	44
MARTY'S SERVICE CENTER	*575 MIDDLE TURNPIKE*	*1/8 - 1/4 WSW*	*18*	*46*

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
MOBIL 01-G1P	*7 STORRS ROAD*	*0 - 1/8 NW*	*C10*	*37*
HUSKY MOBILE (FORMER BP)	*607 MIDDLE TURNPIKE (RT*	*0 - 1/8 WSW*	*D15*	*39*
WILLINGTON TIRE COMPANY, INC.	*1733 STORRS ROAD*	*1/4 - 1/2 WNW*	*20*	*58*

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Protection's Leaking Underground Storage Tank List.

A review of the LUST list, as provided by EDR, and dated 02/19/2008 has revealed that there are 7 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
STEVE ROGERS	650 MIDDLE TPKE.	0 - 1/8 ESE	4	12
ALLIANCE ENERGY	*632 MIDDLE TNPK*	*0 - 1/8 SSW*	*B6*	*15*
MARTY'S SERVICE CENTER	*575 MIDDLE TURNPIKE*	*1/8 - 1/4 WSW*	*18*	*46*
JOHN JONES	*643 MIDDLE TPKE*	*1/8 - 1/4 ENE*	*19*	*54*

Lower Elevation	Address	Dist / Dir	Map ID	Page
STORRS AUTOMOTIVE	1659 STORRS RD.	0 - 1/8 WSW	A2	7
MOBIL 01-G1P	*7 STORRS ROAD*	*0 - 1/8 NW*	*C10*	*37*
HUSKY MOBILE (FORMER BP)	*607 MIDDLE TURNPIKE (RT*	*0 - 1/8 WSW*	*D15*	*39*

LWDS: The Leachate and Waste Water Discharge Inventory Data Layer (LWDS) includes point locations digitized from Leachate and Wastewater Discharge Source maps compiled by the Connecticut DEP.

A review of the LWDS list, as provided by EDR, and dated 04/20/2002 has revealed that there are 2 LWDS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
OILCHEMICAL SPILLS	1132883/863856	1/4 - 1/2 ENE	21	62
LANDFILL	1132296/858242	1/2 - 1 S	22	62

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Protection's "Town Inventory" UST Listing.

A review of the UST list, as provided by EDR, and dated 03/28/2008 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
STORRS AUTOMOTIVE MANSFIELD FO	1659 STORRS ROAD	0 - 1/8 SE	8	23
MARTY'S SERVICE CENTER	*575 MIDDLE TURNPIKE*	*1/8 - 1/4 WSW*	*18*	*46*

Lower Elevation	Address	Dist / Dir	Map ID	Page
SAVINGS BANK OF MANCHESTER	596 MIDDLE TURNPIKE	0 - 1/8 SW	B5	14
HUSKY MOBIL	607 MIDDLE TURNPIKE	0 - 1/8 WSW	D12	33
EAGLEVILLE FIRE DEPARTMENT	1722 STORRS ROAD	1/8 - 1/4 NW	17	45

EXECUTIVE SUMMARY

MANIFEST: Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

A review of the MANIFEST list, as provided by EDR, and dated 12/31/2005 has revealed that there are 7 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ALLIANCE ENERGY	*632 MIDDLE TNPK*	*0 - 1/8 SSW*	*B6*	*15*
ALLIANCE ENERGY	632 MIDDLE TPK	0 - 1/8 SSW	B7	22

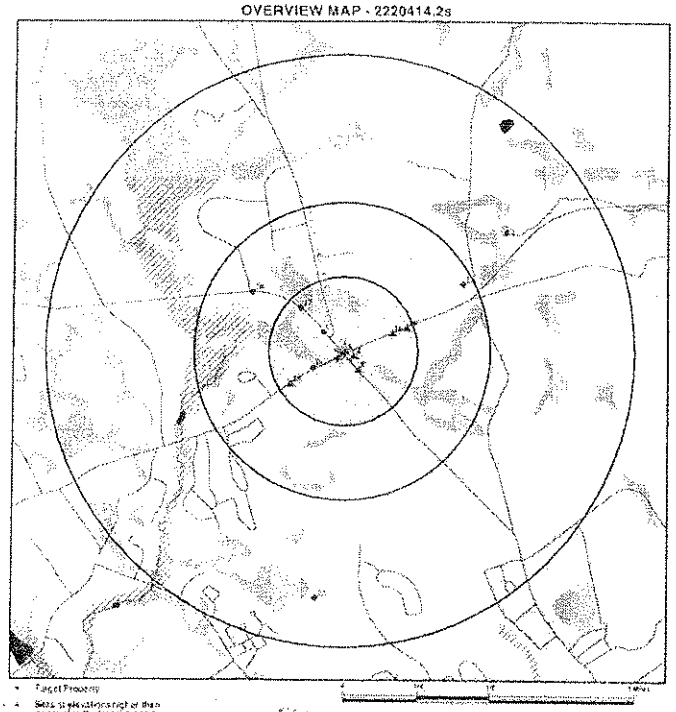
Lower Elevation	Address	Dist / Dir	Map ID	Page
MANSFIELD EQUISITIONS	1659 STORRS ROAD	0 - 1/8 WSW	A3	10
PUBLIC PETROLEUM CO	1660 STORRS ROAD	0 - 1/8 NW	C9	26
HUSKY MOBIL	607 MIDDLETURN PIKE STO	0 - 1/8 WSW	D11	32
HUSKY X-TRA MART	607 MIDDLE TURNPIKE	0 - 1/8 WSW	D13	36
HUSKIE MOBIL	607 MIDDLE TNPK	0 - 1/8 WSW	D14	37

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
MOTOR POOL BUILDING - STORRS CAMPUS	NPDES
TOWN OF MANSFIELD DPW	MANIFEST
MANSFIELD XM	MANIFEST
CITY LINE GULF	MANIFEST
SMYTH BUS	MANIFEST
C. WHITE & SONS	MANIFEST
MARTY'S CITGO	MANIFEST
MANSFIELD TRAINING SCHOOL	MANIFEST
UNIVERSITY OF CONNECTICUT CHAPLIN HOUSE	MANIFEST
STATE OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION	MANIFEST
EXXON CO USA	MANIFEST
MANSFIELD TOWN OF	MANIFEST
LAIDLAW ENVIRONMENTAL SERVICES (NORTH EAST)	MANIFEST
DOT HWY MAINT GARAGE	MANIFEST
XTRA-MART	MANIFEST
MANSFIELD X-TRA MART	MANIFEST
RENWOOD MANSFIELD ASSOCIATES	MANIFEST
C V S 0785	RCRA-SQG, FINDS, MANIFEST
RALPH KROOPNICK	MANIFEST
C V S	MANIFEST
CVS	MANIFEST
KAPINOS PROPERTY	CERCLIS, SHWS, FINDS, SDADB
WILLINGTON DOT GARAGE	CERCLIS, SHWS, FINDS, SDADB
WILLINGTON MUNICIPAL LANDFILL	CERCLIS, SHWS, FINDS, SDADB
ROUTE 89 (WARRENVILLE ROAD)	SWF/LF
BEHIND JUNGLE GORM	SWF/LF
BEHIND SEWAGE TREATMENT PLANT	SWF/LF
WARRENVILLE ROAD (RT 89)	SWF/LF
EXXON, 3-5795	UST
SOUTHERN NEW ENGLAND TELE CO	FINDS, RCRA-NonGen
RT. 44 & CEDAR SWAMP ROAD	ERNS
UCONN ORCHARD	SPILLS, SDADB
SNET	SPILLS, CT PROPERTY, SDADB
TOWN OF MANSFIELD SANTARY LANDFILL	ODI
MANSFIELD DEPOT	SDADB
DAHL BULK FACILITY	SDADB
MANSFIELD DIV LANDFILL ROUTE 89	SDADB
CEMETARY ROAD LANDFILL	SDADB

OVERVIEW MAP - 2220414.2s

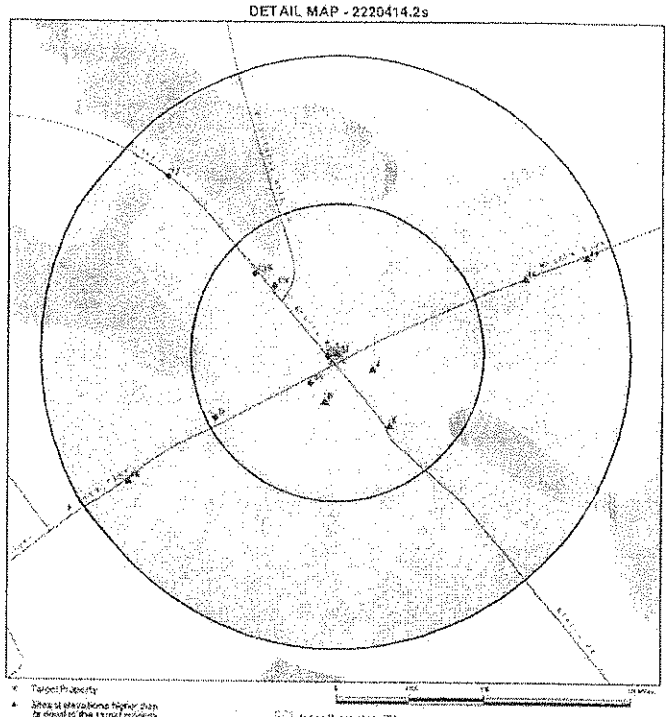


- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The layers included with this report are: Topo, Detailed Topo, Streets.

SITE NAME: 1660 Stiles Road ADDRESS: 1660 Stiles Road Mansfield CT 06268 LAT/LONG: 41.8276 / 72.2066	CLIENT: Pennoni Associates, Inc. CONTACT: Jeff Brunelle INQUIRY #: 2220414.2s DATE: May 14, 2008 3:52 pm

DETAIL MAP - 2220414.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The layers included with this report are: Topo, Detailed Topo, Streets.

SITE NAME: 1660 Stiles Road ADDRESS: 1660 Stiles Road Mansfield CT 06268 LAT/LONG: 41.8276 / 72.2066	CLIENT: Pennoni Associates Inc. CONTACT: Jeff Brunelle INQUIRY #: 2220414.2s DATE: May 14, 2008 3:52 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
LIENS 2		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA-TSDF		0.500	0	0	0	NR	NR	0
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
RCRA-NonGen		0.250	1	0	NR	NR	NR	1
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
US CDL		TP	NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
STATE AND LOCAL RECORDS								
SHWS		1.000	0	0	0	0	NR	0
SDADR	X	0.500	2	2	1	NR	NR	5
SWF/LF		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	5	2	0	NR	NR	7

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EWDS		1.000	0	0	1	1	NR	2
UST		0.250	3	2	NR	NR	NR	5
AST		0.250	0	0	NR	NR	NR	0
MANIFEST		0.250	7	0	NR	NR	NR	7
SPILLS		TP	NR	NR	NR	NR	NR	0
AUL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
ENF		TP	NR	NR	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
CT PROPERTY		TP	NR	NR	NR	NR	NR	0
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property — REPUBLIC OIL & 4 CORNERS — SDADB — S104354207
1660 STORRS ROAD — N/A
MANSFIELD, CT

Site 1 of 3 in cluster A

Actual: 622 ft.

Site Discovery and Assessment

Facility ID:	2355
Rem Master ID:	1825
PIP Id:	Not reported
WPC Number:	Not reported
Permit Date:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Lat/Long Determined By:	Not reported
Ground Water Quality Classification:	Not reported
Surface Water Quality Classification:	Not reported
Waste Type:	HCHLR VOC
Disposal:	Not reported
Sample Data Available:	No
Updated By:	KNIGHT, C
Update Program:	PVIP
Updated:	4/8/1995
Date Created:	Not reported
Deleted:	No
EPA CERCLIS Id:	Not reported
Number EPA RCRIS Id:	Not reported
Site on EPA's CERCLIS:	Not reported
Site Archived from CERCLIS:	Not reported
Archive Date:	Not reported
EPA's Removal at Site:	Not reported
Deferred to another EPA Program:	Not reported
EPA Env Priority Initiative Site:	Not reported
Federal Facility:	Not reported
Site on EPA's National Priority List:	Not reported
Part of an NPL site:	Not reported
RCRA Generator Status:	Not reported
RCRA Permit Status:	Not reported
Referred to:	2173
Source of Referral:	PVIP
Date Received:	4/6/1995
Staff Assigned:	Not reported
Remediation Programs:	Not reported
Date of_Assigned:	Not reported
Remediation Complete Approved DEP/Verified by LEP:	4/13/1995
Outcome:	PVIP
Remedial Id:	Not reported
PIP Id:	Not reported
Remediation Programs:	Not reported
Remediation Program Entered:	Not reported
Staff Assigned:	Not reported
Remediation Programs:	Not reported
Date of_Assign:	Not reported
Project Phase:	Not reported
Order Issued:	Not reported
Order Number:	Not reported
Date order Issued:	Not reported
Remedial Investigation Start:	Not reported
Remedial Investigation Completed:	Not reported

REPUBLIC OIL & 4 CORNERS (Continued) — S104354207

Remedial Design Start:	Not reported
Remedial Design Complet:	Not reported
Remedial Action Start:	Not reported
Remedial Action Completed:	Not reported
Date Oper/ maintenance Started:	Not reported
GW monitoring:	Not reported
Remediation complete Approved DEP/Verified by LEP:	Not reported
Order Id:	Not reported
Order Number:	Not reported
Date order Issued:	Not reported
Staff Assigned:	Not reported
Type of Order:	Not reported
Order Respondent:	Not reported
Admin Appeal Date:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Final Order:	Not reported
Date of Court Appeal:	Not reported
Date of Court Ruling:	Not reported
Date of Court Ruling:	Not reported
Date Order Modified:	Not reported
Date Referred to AG:	Not reported
Judgement:	Not reported
Date of AGR judgement:	Not reported
Penalty assessed:	Not reported
Order Complete:	Not reported
In compliance:	Not reported
Orders Comment:	Not reported
Comments:	OVERSEEING QUARTERLY MONITORING OF AFFECTED AREA. HYDROGEOLOGY REPORT SUBMITTED NEEDS REVIEW. (4/95)

A2 W&W < 1/8 0.008 mi. 44 ft. — STORRS AUTOMOTIVE — LUST — S105456140
1659 STORRS RD. — N/A
MANSFIELD, CT 06250

Site 2 of 3 in cluster A

Relative: Lower — Actual: 617 ft.

LUST

LUST Case Id:	28613
Cost Recovery Spill Case #:	Not reported
Site Case Id:	Not reported
Old SITS Number:	Not reported
UST Site Id:	59
LUST ID:	381
Case Log Id:	Not reported
Monthly Report Id:	0
UST Facility Id:	1246
UST Owner Id:	335
UST Event Id:	386
Contact Info:	Not reported
Facility Cap Nam:	78
Incident Date:	07/18/89
Entry Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact City,St,Zip:	0
Site Contact Add 2:	Not reported
Site Contact City 2	Not reported

STORRS AUTOMOTIVE (Continued) — S105456140

Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
2nd Contact:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	0
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Not reported
Date Referred:	Not reported
Private Heating Fuel:	False
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal:	False
Commercial HF > 2100 Gal:	False
Commercial HF - Site Unit:	False
Motor Fuel:	True
Diesel:	False
Gasoline:	True
Other Release:	Not reported
No Release:	False
No LUST Site:	False
Leak:	False
Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Cost Recovery Paym Collectable:	False
DCSTID Complete:	False
Responsible Party:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Town Number:	0
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
LUST Owner Id:	Not reported
Investigator Id:	20
Follow Update:	Not reported
Lust Status:	Cleanup Initiated
Processing Status:	Not reported
Area Lastest:	Not reported
Annual Precipitation:	Not reported
Effected Population:	Not reported
Physiomic Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported

STORRS AUTOMOTIVE (Continued) — S105456140

Hydro Basin:	Not reported
Drainic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Indicat:	Not reported
Fund Date:	Not reported
Fund Planned:	Not reported
Fund Obligated:	Not reported
Fund Outlayed:	Not reported
Fund Judgment:	Not reported
Fund Recovered:	Not reported
Cedar Borings:	False
Install Mons Wells:	False
Ground Water Sample:	False
Soil Sampling:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Portable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Vacuing:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Only Gradient Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Lpb Wells:	Not reported
User Stamp:	Kelly McSilver
Date Stamp:	06/23/06
Correspondence:	Not reported

STORRS AUTOMOTIVE (Continued) S105456140

Environmental Impact	Not reported
Follow Up:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Date:	Not reported
History Comments:	UST Cleanup Account ID: 59 CT DEP LUST Observations returned to Lenox (DEP) by post office According to a letter from Storrs Automotive dated Feb 2, 1988 to CT DEP UST/F Program Tanks #1, #2, #3 and #7, #4, #5, #6 gasoline and #99 #00 were taken out of service in 1985 and were scheduled to be removed by May 1986. Tanks to be removed were installed in November of 1966 and first leak was detected on 3/13/81 in Tank #93. According to the LUST Master List tanks were removed on 7/18/85.
Work Performed:	Not reported

A3 WSW < 1/8 0.009 mi. 44 ft. — MANSFIELD EQUISITIONS, 1659 STORRS ROAD, MANSFIELD, CT 06268 — MANIFEST 1007959726 / N/A

Site 3 of 3 in cluster A

Relative: Lower — Actual: 617 ft.

CT MANIFEST

Manifest No:	Not reported
Waste Description:	Not reported
UN/NA:	Not reported
Hazard Class:	Not reported
US Dot Description:	Not reported
No of Containers:	Not reported
Container Type:	Not reported
Quantity:	Not reported
Weight/Volume:	Not reported
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported
Manifest No:	Not reported
Waste Description:	Not reported
EPA Waste Code:	Not reported
Recycled Waste?	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported
Year:	2000
Manifest ID:	CTF0005030
TSDF EPA ID:	CTD021816862
TSDF Name:	UNITED OIL RECOVERY INC /UIS DBA ADVANCED LIQ. REC
TSDF Address:	136 GRACEY AVE
TSDF City,St Zip:	MERIDEN, CT 06451
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	01/11/00
Transporter EPA ID:	CTD021816862
Transporter Name:	UNITED OIL RECOVERY INC /UIS DBA ADVANCED LIQ. REC
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	/ /
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported

MANSFIELD EQUISITIONS (Continued) 1007959726

Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
Generator EPA ID:	CTF000021170
Generator Phone:	Not reported
Generator Address:	Not reported
Generator City,State,Zip:	Not reported
Generator Country:	Not reported
Special Handling:	Not reported
Discrepancies:	No
Date Shipped:	01/11/00
Date Received:	01/11/00
Last modified date:	04/27/04
Last modified by:	IG
Comments:	Not reported
Year:	1999
Manifest ID:	CTF0990295
TSDF EPA ID:	CTD021816862
TSDF Name:	UNITED OIL RECOVERY INC /UIS DBA ADVANCED LIQ. REC
TSDF Address:	136 GRACEY AVE
TSDF City,St Zip:	MERIDEN, CT 06451
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	11/29/99
Transporter EPA ID:	CTD021816862
Transporter Name:	UNITED OIL RECOVERY INC /UIS DBA ADVANCED LIQ. REC
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	/ /
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
Generator EPA ID:	CTF000021170
Generator Phone:	Not reported
Generator Address:	Not reported
Generator City,State,Zip:	Not reported
Generator Country:	Not reported
Special Handling:	Not reported
Discrepancies:	No
Date Shipped:	11/29/99
Date Received:	11/29/99
Last modified date:	04/26/04
Last modified by:	IG
Comments:	Not reported

4 ESE < 1/8 0.034 mi. 179 ft. — STEVE ROGERS, 650 MIDDLE TPKE, MANSFIELD, CT 06250 — LUST S105457238 / N/A

Relative: Higher — Actual: 627 ft.

LUST

LUST Case Id:	30456
Cost Recovery SIN Case #:	Not reported
Site Case Id:	Not reported
Old SITS Number:	Not reported
UST Site Id:	Not reported
LUST ID:	2427
Case Log Id:	Not reported
Monthly Report Id:	0
UST Facility Id:	Not reported
UST Owner Id:	Not reported
UST Event Id:	2426
Contact Info:	Not reported
Facility City Num:	78
Incident Date:	10/06/94
Entry Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact City,St,Zip:	0
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
2nd Contact:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	0
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Not reported
Date Referred:	Not reported
Petrole Heating Fuel:	True
Commercial Heating Fuel:	False
Commercial HF < 2109 Gal:	False
Commercial HF > 2109 Gal:	False
Commercial HF - Size Unk.:	False
Motor Fuel:	False
Diesel:	False
Gasoline:	False
Date Release:	Not reported
No Release:	False
No LUST Site:	False
Leak:	False
Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Cost Recovery Flag Candidate:	False

STEVE ROGERS (Continued) S105457238

OCSTID Complete:	False
Responsible Party:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Town Number:	0
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
LUST Owner Id:	Not reported
Investigator Id:	20
Follow Update:	Not reported
Lust Status:	Completed
Processing Status:	Not reported
Area Leaked:	Not reported
Annual Pipe Operation:	Not reported
Effected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Usage:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Recovery:	Not reported
Fund Date:	Not reported
Fund Planned:	Not reported
Fund Delegated:	Not reported
Fund Delayed:	Not reported
Fund Judgment:	Not reported
Fund Recovered:	Not reported
Cerfcl Filings:	False
In Lust Micro Web:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Soil Respect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample LUVS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported

STEVE ROGERS (Continued) S105457236

NOV Received	Not reported
NOV Closed:	Not reported
NOV Due Date	Not reported
NOV Issued Date	Not reported
NOV Compliance Sched.	Not reported
NOV Admin Order.	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions	False
Release Invest Rpt	False
DEP Ltr Letter 1	False
Correct Action Plan.	False
DEP Ltr Letter 2:	False
Rem Sys Install	False
Rem Sys Install Date.	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Gritty Greater Min Rpt:	False
Closure Rtng Rpt.	False
DEP Closure Letter	False
Referred To:	Not reported
No Vrsts:	Not reported
EPA Vrsts:	Not reported
User Stamp:	Not reported
Date Stamp:	Not reported
Correspondence:	Not reported
Environmental Impact:	Not reported
Follow Up	Not reported
GW Comments	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Desc	Not reported
Remaing Comments:	Not reported
Work Performed	Not reported

B5 — SAVINGS BANK OF MANCHESTER — UST U003160165
SW — 596 MIDDLE TURNPIKE — N/A
< 1/4 — MANSFIELD, CT 06250
0.324 mi. / 1711 ft. — Site 1 of 3 in cluster B

Relative: Lower
Actual: 618 ft.

UST

Owner:	SBM
Owner Address:	923 MAIN
Owner City,St,Zip:	Manchester, CT 06040
Facility Id:	11776
Alt. Facility ID:	78-11276
Latitude Degrees.	41
Latitude Minutes:	49
Latitude Seconds:	40
Longitude Degrees:	72
Longitude Minutes.	16
Longitude Seconds	30
Tank ID.	2
Alt. Tank ID.	A1R1
Tank Status:	Currently In Use
Capacity	2500
Substance:	Gasoline
Date Last Used	Not reported

SAVINGS BANK OF MANCHESTER (Continued) U003160165

Closure Status:	Not reported
Tank Material.	Fiberglass Reinforced Plastic
2ndary Material.	Double-Walled
Pipe Material.	Other
Pipe Mode Description:	Secondary Containment
Date Installed:	5/1/1995
Spill Installed	False
Overfill Installed:	False

Owner:	SBM
Owner Address.	923 MAIN
Owner City,St,Zip:	Manchester, CT 06040
Facility Id:	11776
Alt. Facility ID:	78-11276
Latitude Degrees.	41
Latitude Minutes:	49
Latitude Seconds:	40
Longitude Degrees	72
Longitude Minutes:	16
Longitude Seconds.	30
Tank ID.	1
Alt. Tank ID.	A1
Tank Status:	Permanently Out of Use
Capacity:	2000
Substance:	Heating Oil
Date Last Used.	5/1/1995
Closure Status.	Removed
Tank Material.	Asphalt Coated or Bare Steel
2ndary Material.	None
Pipe Material.	Other
Pipe Mode Description:	None
Date Installed.	5/1/1975
Spill Installed:	False
Overfill Installed:	False

B6 — ALLIANCE ENERGY — FINDS 1000494607
SSW — 632 MIDDLE TNPK — LUST CTD983876962
< 1/4 — STORRS, CT 06268 — MANIFEST
0.643 mi. / 3395 ft. — Site 2 of 3 in cluster B — RCRA-NonGen

Relative: Higher
Actual: 624 ft.

FINDS.
Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo shows RCRA program staff to track the notification, permit compliance, and corrective action activities required under RCRA.

LUST

LUST Case Id:	35127
Cost Recovery Spill Case Nr	Not reported
Site Case Id.	198993059
Old Site Number	198993059

ALLIANCE ENERGY (Continued) 1000494607

UST Site Id.	646
LUST ID.	7676
Case Log Nr:	Not reported
Monthly Report Id	0
UST Facility Id	3199
UST Owner Id.	3769
UST Event Id	7819
Contact Info.	Not reported
Facility City Num	78
Incident Date	08/29/89
Entry Date:	Not reported
Site Contact.	Not reported
Site Contact Address.	Not reported
Site Contact City,St,Zip:	0
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
2nd Contact	Not reported
2nd Contact Address:	CES
2nd Contact City,St,Zip	Vrnl, CT 06095
2nd Contact Address 2:	4200 Hayden Station Road
2nd Contact City 2:	Windsor
2nd Contact Phone Number:	8606469003
2nd Contact Fax Number:	8606469278
2nd Contact Type	Not reported
Department Contact 1:	Peter Zack.
Department Contact 2:	Not reported
Referral Source.	Not reported
Date Referred:	Not reported
Private Heating Fuel	False
Commercial Heating Fuel	False
Commercial Hlt < 2100 Gal	False
Commercial Hlt > 2100 Gal.	False
Commercial Hlt - Size Unk	False
Motor Fuel:	False
Diesel:	False
Gasoline	False
Other Release.	Not reported
No Release	False
No UST Site.	False
Leak	False
Tank.	False
Piping	False
Overfill.	False
Removal:	False
Cost Recovery Plan Complete	False
GCSRD Complete	False
Responsible Party:	False
Follow Up Flag:	False
Alternate Water Supply	False
Relocation.	False
Resp Party Name.	Not reported
Resp Party Address.	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Town Number	0

ALLIANCE ENERGY (Continued) 1000494607

Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
LUST Owner Id:	Not reported
Investigator Id:	4
Follow Update:	Not reported
Lust Status:	Pending
Processing Status.	Not reported
Area Lustent:	Not reported
Annual Precipitation	Not reported
Effected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction.	Not reported
Ground Water Gradient.	Not reported
Hydro Basin:	Not reported
Diatric	Not reported
Geo Setting:	Not reported
Ground Water Classification:	GA
Recharge	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches.	Not reported
Fund Date.	Not reported
Fund Planned:	Not reported
Fund Obligated.	Not reported
Fund Outlayed:	Not reported
Fund Judgment.	Not reported
Fund Recovered:	Not reported
Cellar Borings:	False
Install Mons Wells:	False
Ground Water Sample:	False
Soil Sample	False
Soil Gas.	False
Site Inspect.	False
Soil Excavate:	False
Geo Probe:	False
Survey	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active	False
NOV Action	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received	Not reported
NOV Closed:	Not reported
NOV Due Date.	Not reported
NOV Issued Date.	Not reported
NOV Compliance Sched.	Not reported
NOV Admin Order	Not reported
NOV Referred To Ag	Not reported
Stop All NOV Actions	False
Release Invest Rpt	False

ALLIANCE ENERGY (Continued) 1000494607

DEP Apv Letter 1:	False
Correct Action Plan:	False
DEP Apv Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Only Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
Info Wells:	Not reported
Info Wells:	Not reported
User Stamp:	Not reported
Date Stamp:	Not reported
Correspondence:	Not reported
Environmental Impact:	Not reported
Follow Up:	Not reported
GW Comments:	Not reported
Location Date:	Not reported
NOW Comments:	COR 5052
Release Date:	Not reported
Running Comments:	Spill Report ID 89-3059 UST Cleanup Account ID: 176 3rd party + Alliance Energy Corp According to Spill Report 89-3059, gasoline tanks were removed from the subject facility on 8/29/85. Stockpiling contaminated soil. Monitoring and decontamination activities are carried out by GES, Inc. of Windsor, CT Site is contaminated with gasoline related compounds. GW samples from MW-9 showed MTBE and benzene concentrations higher than regulatory levels during October of 1996 One pertinent correspondence from Water Remediation Files received on 2/7/06 from Union Environmental, Inc. of Commack, NY is GW/SV Sampling/Monitoring report with GW Contours Map.
Work Performed:	Not reported

CT MANIFEST

Manifest No:	Not reported
Waste Occurrence:	Not reported
UNNA:	Not reported
Hazard Class:	Not reported
DS Del Description:	Not reported
No of Containers:	Not reported
Container Type:	Not reported
Quantity:	Not reported
Weight/Volume:	Not reported
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Mod/Ind Record:	Not reported
Manifest No:	Not reported
Waste Occurrence:	Not reported
EPA Waste Code:	Not reported
Recycled Waste?	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported
Year:	1996
Manifest ID:	MA3568481
TSDF EPA ID:	MAD053452637
TSDF Name:	CLEAN HARBORS OF BRAINTREE, INC

ALLIANCE ENERGY (Continued) 1000494607

TSDF Address:	1 HILL AVE
TSDF City,St,Zip:	BRAINTREE, MA 02184
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	09/26/96
Transporter EPA ID:	MAD039322250
Transporter Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	/ /
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
Generator EPA ID:	CT0058876962
Generator Phone:	7136567709
Generator Address:	Not reported
Generator City,State,Zip:	Not reported
Generator Country:	Not reported
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	09/26/96
Date Received:	/ /
Last modified date:	04/26/01
Last modified by:	IG
Comments:	Not reported
Year:	1993
Manifest ID:	CTF0098607
TSDF EPA ID:	CTD021816869
TSDF Name:	UNITED OIL RECOVERY INC /UIS DBA ADVANCED LIQ. REC
TSDF Address:	136 GRACEY AVE
TSDF City,St,Zip:	MERIDEN, CT 06451
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	03/23/93
Transporter EPA ID:	MAD039322250
Transporter Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	/ /
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
Generator EPA ID:	CT0058876962
Generator Phone:	7136567709
Generator Address:	Not reported
Generator City,State,Zip:	Not reported
Generator Country:	Not reported
Special Handling:	Not reported
Discrepancies:	No
Date Shipped:	03/23/93
Date Received:	03/23/93

ALLIANCE ENERGY (Continued) 1000494607

Last modified date:	04/27/06
Last modified by:	IG
Comments:	Not reported

RCRA-NonGen:

Date form received by agency:	06/23/2006
Facility name:	ALLIANCE ENERGY
Facility address:	632 MIDDLE TNPK STORRS, CT 06268
EPA ID:	CT0058876962
Mailing address:	1 INDUSTRIAL RD BRANFORD, CT 06405
Contact:	VICTORIA CARTOLINE
Contact address:	1 INDUSTRIAL RD BRANFORD, CT 06405
Contact country:	US
Contact telephone:	(800) 899-8602
Contact email:	Not reported
EPA Region:	01
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	EXXONMOBIL CORP
Owner/operator address:	3225 GALLOWS RD FAIRFAX, VA 22037
Owner/operator country:	Not reported
Owner/operator telephone:	(999) 999-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/2001
Owner/Op end date:	12/16/1996
Owner/operator name:	ALLIANCE ENERGY
Owner/operator address:	SOUTH ST WALTHAM, MA 02254
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/16/1996
Owner/Op end date:	Not reported
Owner/operator name:	ALLIANCE ENERGY CORP
Owner/operator address:	SOUTH ST WALTHAM, MA 02254
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/16/1996
Owner/Op end date:	Not reported
Owner/operator name:	OPERATOR
Owner/operator address:	OPERATOR1

ALLIANCE ENERGY (Continued) 1000494607

	CT OPER2
Owner/operator country:	Not reported
Owner/operator telephone:	(303) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste received:	Commercial status unknown

Historical Generators:

Date form received by agency:	03/12/2003
Facility name:	ALLIANCE ENERGY
Classification:	Small Quantity Generator
Date form received by agency:	10/17/2002
Facility name:	ALLIANCE ENERGY
Site name:	EXXON CO USA 35795
Classification:	Not a generator, verified
Date form received by agency:	04/24/2001
Facility name:	ALLIANCE ENERGY
Site name:	EXXON CO USA 35795
Classification:	Small Quantity Generator
Date form received by agency:	01/31/1991
Facility name:	ALLIANCE ENERGY
Site name:	EXXON CO USA 35795
Classification:	Small Quantity Generator
Violation Status:	No violation found

Evaluation Action Summary:

Evaluation date:	03/12/2003
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

B2 ALLIANCE ENERGY — MANIFEST 1007965429
SSW 632 MIDDLE TPK — N/A
< 1/8 STORRS, CT 06268
0.043 mi.
225 ft. Site 3 of 3 in cluster B

Relative: Higher
Actual: 624 ft.

CT MANIFEST

Manifest No:	Not reported
Waste Occurence:	Not reported
UNNA:	Not reported
Hazard Class:	Not reported
US Dot Description:	Not reported
No of Containers:	Not reported
Container Type:	Not reported
Quantity:	Not reported
Weight/Volume:	Not reported
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported
Manifest No:	Not reported
Waste Occurence:	Not reported
EPA Waste Code:	Not reported
Recycled Waste?	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported
Year:	2000
Manifest ID:	CT0934760
TSDF EPA ID:	CTD021816889
TSDF Name:	UNITED OIL RECOVERY INC /UIS DBA ADVANCED LIQ REC
TSDF Address:	136 GRACEY AVE
TSDF City,St,Zip:	MERIDEN, CT 06451
TSDF County	USA
TSDF Telephone:	Not reported
Transport Date:	05/12/00
Transporter EPA ID:	CTD021816889
Transporter Name:	UNITED OIL RECOVERY INC /UIS DBA ADVANCED LIQ REC
Transporter Country	USA
Transporter Phone:	Not reported
Trans 2 Date:	/ /
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip	CT
Trans 2 Country	USA
Trans 2 Phone:	Not reported
Generator EPA ID:	CTP000021632
Generator Phone:	Not reported
Generator Address:	Not reported
Generator City,State,Zip:	Not reported
Generator County	Not reported
Special Handling:	Not reported
Discrepancies:	No
Date Shipped:	05/12/00
Date Received:	05/12/00
Last modified date:	04/27/04
Last modified by	IG
Comments:	Not reported

B3 STORRS AUTOMOTIVE MANSFIELD FOUR CORNERS — UST U003916937
SE 1659 STORRS ROAD — N/A
< 1/4 STORRS MANSFIELD, CT 06268
0.076 mi.
403 ft.

Relative: Higher
Actual: 631 ft.

UST

Owner:	ANTHONY RENE ASSOCIATES, INC.
Owner Address:	1659 STORRS RD
Owner City,St,Zip:	Storrs Mansfield, CT 06268
Facility Id:	1245
Alt. Facility ID:	78-1245
Latitude Degrees:	41
Latitude Minutes:	49
Latitude Seconds:	38
Longitude Degrees:	72
Longitude Minutes:	15
Longitude Seconds:	59
Tank ID:	7
Alt. Tank ID:	F7
Tank Status:	Permanently Out of Use
Capacity:	550
Substance:	Used Oil
Date Last Used:	11/1/1988
Closure Status:	Removed
Tank Material:	Asphalt Coated or Bare Steel
Zndary Material	None
Pipe Material:	Galvanized Steel
Pipe Mode Description:	None
Date Installed:	11/1/1966
Spill Installed:	False
Overfill Installed:	False

Owner:	ANTHONY RENE ASSOCIATES, INC.
Owner Address:	1659 STORRS RD.
Owner City,St,Zip:	Storrs Mansfield, CT 06268
Facility Id:	1245
Alt. Facility ID:	78-1245
Latitude Degrees:	41
Latitude Minutes:	49
Latitude Seconds:	38
Longitude Degrees:	72
Longitude Minutes:	15
Longitude Seconds:	59
Tank ID:	3
Alt. Tank ID:	B3
Tank Status:	Permanently Out of Use
Capacity:	5000
Substance:	Gasoline
Date Last Used:	1/1/1988
Closure Status:	Removed
Tank Material:	Asphalt Coated or Bare Steel
Zndary Material	None
Pipe Material	Galvanized Steel
Pipe Mode Description:	None
Date Installed:	11/1/1966
Spill Installed	False
Overfill Installed:	False

B3 STORRS AUTOMOTIVE MANSFIELD FOUR CORNERS (Continued) — U003916937

Owner:	ANTHONY RENE ASSOCIATES, INC.
Owner Address:	1659 STORRS RD.
Owner City,St,Zip:	Storrs Mansfield, CT 06268
Facility Id:	1245
Alt. Facility ID:	78-1245
Latitude Degrees:	41
Latitude Minutes:	49
Latitude Seconds:	38
Longitude Degrees:	72
Longitude Minutes:	15
Longitude Seconds:	59
Tank ID:	8
Alt. Tank ID:	Not reported
Tank Status:	Permanently Out of Use
Capacity:	Not reported
Substance:	Not Listed
Date Last Used:	Not reported
Closure Status:	Not reported
Tank Material:	Not Listed
Zndary Material	None
Pipe Material	Not Listed
Pipe Mode Description:	None
Date Installed:	Not reported
Spill Installed:	False
Overfill Installed	False

Owner:	ANTHONY RENE ASSOCIATES, INC.
Owner Address:	1659 STORRS RD.
Owner City,St,Zip:	Storrs Mansfield, CT 06268
Facility Id:	1245
Alt. Facility ID:	78-1245
Latitude Degrees:	41
Latitude Minutes:	49
Latitude Seconds:	38
Longitude Degrees:	72
Longitude Minutes:	15
Longitude Seconds:	59
Tank ID:	6
Alt. Tank ID:	E6
Tank Status:	Permanently Out of Use
Capacity:	550
Substance:	Heating Oil
Date Last Used:	11/1/1988
Closure Status:	Removed
Tank Material:	Asphalt Coated or Bare Steel
Zndary Material	None
Pipe Material	Galvanized Steel
Pipe Mode Description:	None
Date Installed:	11/1/1966
Spill Installed:	False
Overfill Installed	False

Owner:	ANTHONY RENE ASSOCIATES, INC.
Owner Address:	1659 STORRS RD.
Owner City,St,Zip:	Storrs Mansfield, CT 06268
Facility Id:	1245
Alt. Facility ID:	78-1245

B3 STORRS AUTOMOTIVE MANSFIELD FOUR CORNERS (Continued) — U003916937

Latitude Degrees:	41
Latitude Minutes:	49
Latitude Seconds:	38
Longitude Degrees:	72
Longitude Minutes:	15
Longitude Seconds:	59
Tank ID:	4
Alt. Tank ID:	C4
Tank Status:	Permanently Out of Use
Capacity:	5000
Substance:	Gasoline
Date Last Used:	11/1/1988
Closure Status:	Removed
Tank Material:	Asphalt Coated or Bare Steel
Zndary Material	None
Pipe Material	Galvanized Steel
Pipe Mode Description:	None
Date Installed:	11/1/1966
Spill Installed:	False
Overfill Installed:	False

Owner:	ANTHONY RENE ASSOCIATES, INC.
Owner Address:	1659 STORRS RD.
Owner City,St,Zip:	Storrs Mansfield, CT 06268
Facility Id:	1245
Alt. Facility ID:	78-1245
Latitude Degrees:	41
Latitude Minutes:	49
Latitude Seconds:	38
Longitude Degrees:	72
Longitude Minutes:	15
Longitude Seconds:	59
Tank ID:	2
Alt. Tank ID:	B2
Tank Status:	Permanently Out of Use
Capacity:	5000
Substance:	Gasoline
Date Last Used:	11/1/1988
Closure Status:	Removed
Tank Material:	Asphalt Coated or Bare Steel
Zndary Material:	None
Pipe Material:	Galvanized Steel
Pipe Mode Description:	None
Date Installed:	11/1/1966
Spill Installed:	False
Overfill Installed:	False

Owner:	ANTHONY RENE ASSOCIATES, INC.
Owner Address:	1659 STORRS RD.
Owner City,St,Zip:	Storrs Mansfield, CT 06268
Facility Id:	1245
Alt. Facility ID:	78-1245
Latitude Degrees:	41
Latitude Minutes:	49
Latitude Seconds:	38
Longitude Degrees:	72
Longitude Minutes:	15

STORRS AUTOMOTIVE MANSFIELD FOUR CORNERS (Continued) U003916937

Longitude Seconds:	59
Tank ID:	1
Alt. Tank ID:	A1
Tank Status:	Permanently Out of Use
Capacity:	6000
Substance:	Gasoline
Date Last Used:	11/1/98
Closure Status:	Removed
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Galvanized Steel
Pipe Mode Description:	None
Date Installed:	11/1/1966
Spill Installed:	False
Overfill Installed:	False
Owner:	ANTHONY RENE ASSOCIATES, INC.
Owner Address:	1059 STORRS RD
Owner City,St,Zip:	Storrs Mansfield, CT 06268
Facility Id:	1245
Alt. Facility ID:	78-1245
Latitude Degrees:	41
Latitude Minutes:	49
Latitude Seconds:	38
Longitude Degrees:	72
Longitude Minutes:	15
Longitude Seconds:	59
Tank ID:	5
Alt. Tank ID:	D5
Tank Status:	Permanently Out of Use
Capacity:	2000
Substance:	Diesel
Date Last Used:	11/1/1998
Closure Status:	Removed
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Galvanized Steel
Pipe Mode Description:	None
Date Installed:	01/1/1964
Spill Installed:	False
Overfill Installed:	False

C9 **PUBLIC PETROLEUM CO** **MANIFEST** **1007979298**
NW **1009 STORRS ROAD** **N/A**
< 1/8 **MANSFIELD, CT 06250**
0.077 mi.
405 ft. Site 1 of 2 in cluster C

Relative: **Lower** CT MANIFEST
Manifest No: Not reported
Waste Occurrence: Not reported
UNNA: Not reported
Hazard Class: Not reported
US Dot Description: Not reported
No of Containers: Not reported
Container Type: Not reported
Quantity: Not reported
Weight/Volume: Not reported

Actual: **621 ft.**

PUBLIC PETROLEUM CO (Continued) 1007979298

Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	Not reported
OEO Who Last Modified Record:	Not reported
Manifest No:	Not reported
Waste Occurrence:	Not reported
EPA Waste Code:	Not reported
Recycled Waste?:	Not reported
Date Record Was Last Modified:	Not reported
OEO Who Last Modified Record:	Not reported
Year:	2002
Manifest ID:	NYG3365408B
TSDF EPA ID:	NYD002480928
TSDF Name:	EXXONMOBIL ALBANY TERMINAL
TSDF Address:	50 CHURCH ST
TSDF City,St,Zip:	ALBANY, NY 12202
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	04/1/02
Transporter EPA ID:	MAD082303777
Transporter Name:	CYN OIL COUP
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	/ /
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
Generator EPA ID:	CTF000026493
Generator Phone:	Not reported
Generator Address:	Not reported
Generator City,State,Zip:	Not reported
Generator Country:	Not reported
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	04/12/02
Date Received:	/ /
Last modified date:	04/27/04
Last modified by:	IG
Comments:	Not reported

C10 **MOBIL 01-01P** **LUST** **S104254205**
NW **7 STORRS ROAD** **SDADD** **N/A**
< 1/8 **MANSFIELD, CT**
0.096 mi.
506 ft. Site 2 of 2 in cluster C

Relative: **Lower** LUST
LUST Case Id: 18702
Cost Recovery Spill Case #: 0
Actual: **636 ft.** Site Case Id: 200703030
Old SITS Number: 0
UST Site Id: 0
LUST ID: 0
Case Log Id: 0
Monday Report Id: 0

MOBIL 01-01P (Continued) S104254205

UST Facility Id:	9053
UST Owner Id:	8199
UST Event Id:	0
Contact Info:	Not reported
Facility City Num:	14
Received Date:	05/16/07
Entry Date:	07/20/07
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact City,St,Zip:	0
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
2nd Contact:	Eric Henry
2nd Contact Address:	Mobil Oil
2nd Contact City,St,Zip:	164, CT
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Windsor
2nd Contact Phone Number:	8605834200
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Department Contact 1:	Tim Delgado
Department Contact 2:	Not reported
Referral Source:	Not reported
Date Referred:	Not reported
Private Heating Fuel:	False
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal:	False
Commercial HF > 2100 Gal:	False
Commercial HF - Site Unit:	False
Motor Fuel:	False
Diesel:	False
Gasoline:	False
Other Release:	Not reported
No Release:	False
No LUST Site:	False
Leak:	False
Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Cost Recovery Page Candidate:	False
OCSMD Complete:	False
Responsible Party:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Tenant Number:	0
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported

MOBIL 01-01P (Continued) S104254205

Resp Party Phone 2:	Not reported
LUST Owner Id:	PCC
Investigator Id:	0
Follow Update:	Not reported
Last Status:	Investigation
Processing Status:	Not reported
Area Lateral:	Not reported
Annual Precipitation:	Not reported
Effected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Bar Id:	Not reported
Drasic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	0
Fund Date:	Not reported
Fund Planned:	Not reported
Fund Obligated:	Not reported
Fund Delayed:	Not reported
Fund Judgment:	Not reported
Fund Recovered:	Not reported
Cellar Borings:	False
Install Monit Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavation:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample LNAPS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	True
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Cleared:	Not reported
NOV Due Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Solved:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP Appr Letter 1:	False
Correct Action Plan:	False
DEP Appr Letter 2:	False
Hess Sys Input:	False

MOBIL 01-G1P (Continued) S104254205

Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	0
Lph Wells:	0
User Stamp:	Paul Clarkjetsk
Date Stamp:	09/27/07
Correspondence:	Not reported
Environmental Impact:	Not reported
Follow Up:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Desc:	Not reported
Running Comments:	Tanks will be removed by Mobil sometime this winter. Mobil is leasing the property, they want to get out of this site. Mobil real estate project. Phase I and 2, discussed GW potential, no samples taken directly near tank, shallow gw table
Work Performed:	Not reported

Site Discovery and Assessment:

Facility ID:	2210
Rem Master ID:	2365
PTP Id:	Not reported
WMC Number:	Not reported
Postal District:	Not reported
LatDeg:	Not reported
Longitude:	Not reported
LatLong Determined By:	Not reported
General Water Quality Classification:	Not reported
Surface Water Quality Classification:	Not reported
Waste Type:	Not reported
Deposit:	Not reported
Sample Data Available:	No
Updated By:	POSI, M.
Update Program:	CORE
Updated:	9/23/1995
Date Created:	Not reported
Duplicate:	No
EPA CERCLIS Id:	Not reported
Number EPA RCRIS Id:	Not reported
See on EPA's CERCLIS:	Not reported
Site Archived from CERCLIS:	Not reported
Archive Date:	Not reported
EPA's Removal Site:	Not reported
Referred to Another EPA Program:	Not reported
EPA Env Priority Initiative Site:	Not reported
Federal Facility:	Not reported
See on EPA's National Priority List:	Not reported
Part of an NPL site:	Not reported
RCRA Generator Status:	Not reported
RCRA Permit Status:	Not reported
Rulemaker Id:	2036

MOBIL 01-G1P (Continued) S104254205

Source of Referral:	REMEDIAL
Date Received:	9/23/1995
Staff Assigned:	Not reported
Remediation Program:	Not reported
Date di_assigned:	Not reported
Remediation Complete Approved DEP/Verified by LEP:	Not reported
Outcome:	Not reported
Remedial Id:	Not reported
PTP Id:	Not reported
Remediation Program:	Not reported
Remediation Program Entered:	Not reported
Staff Assigned:	Not reported
Remediation Program:	Not reported
Date di_assign:	Not reported
Project Phase:	Not reported
Order issued:	Not reported
Order Number:	Not reported
Date order issued:	Not reported
Remedial Investigation Start:	Not reported
Remedial Investigation Completed:	Not reported
Remedial Design Start:	Not reported
Remedial Design complet:	Not reported
Remedial Action Start:	Not reported
Remedial Action Completed:	Not reported
Date Operl maintenance Started:	Not reported
GW monitoring:	Not reported
Remediation complete Approved DEP/Verified by LEP:	Not reported
Order Id:	Not reported
Order Number:	Not reported
Date order issued:	Not reported
Staff Assigned:	Not reported
Type of Order:	Not reported
Order Respondent:	Not reported
Admin Appeal Date:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Final Order:	Not reported
Date of Court Appeal:	Not reported
Date of Court Ruling:	Not reported
Date of Court Ruling:	Not reported
Date Order Modified:	Not reported
Date Referred to AG:	Not reported
Judgement:	Not reported
Date of AGR judgement:	Not reported
Penalty Assessed:	Not reported
Order Complete:	Not reported
In compliance:	Not reported
Orders Comment:	Not reported
Comments:	Not reported

015 HUSKY MOBIL MANIFEST 1007954593
WSW 607 MIDDLETURN PIKE STORRS N/A
< 1/8 , CT 06268
0.117 mi.
616 ft. Site 1 of 5 in cluster D

Relative: Lower
CT MANIFEST:

Manifest No.:	Not reported
Waste Occurrence:	Not reported
UNNA:	Not reported
Hazard Class:	Not reported
US Dot Description:	Not reported
No of Containers:	Not reported
Container Type:	Not reported
Quantity:	Not reported
Weight/Volume:	Not reported
Additional Description:	Not reported
Handling Code:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported
Manifest No:	Not reported
Waste Occurence:	Not reported
EPA Waste Code:	Not reported
Recycled Waste?:	Not reported
Date Record Was Last Modified:	Not reported
DEO Who Last Modified Record:	Not reported
Year:	1996
Manifest ID:	MAK042770
TSDF EPA ID:	CT0002816889
TSDF Name:	UNITED OIL RECOVERY INC A/K/S DBA ADVANCED LIQ. REC
TSDF Address:	136 GRADY AVE
TSDF City,St,Zip:	MERIDEN, CT 06451
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	04/14/96
Transporter EPA ID:	IRD000001118
Transporter Name:	WESTERN OIL INC
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	/ /
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
Generator EPA ID:	CTP000021207
Generator Phone:	Not reported
Generator Address:	Not reported
Generator City,State,Zip:	Not reported
Generator Country:	Not reported
Special Handling:	Not reported
Discrepancies:	No
Date Shipped:	04/14/96
Date Received:	04/24/96
Last modified date:	04/26/94
Last modified by:	KI
Comments:	Not reported
Year:	1996

HUSKY MOBIL (Continued) 1007954593

Manifest ID:	MAK042710
TSDF EPA ID:	CT0002816889
TSDF Name:	UNITED OIL RECOVERY INC A/K/S DBA ADVANCED LIQ. REC
TSDF Address:	136 GRADY AVE
TSDF City,St,Zip:	MERIDEN, CT 06451
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	04/14/96
Transporter EPA ID:	IRD000001118
Transporter Name:	WESTERN OIL INC
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	/ /
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
Generator EPA ID:	CTP000021207
Generator Phone:	Not reported
Generator Address:	Not reported
Generator City,State,Zip:	Not reported
Generator Country:	Not reported
Special Handling:	Not reported
Discrepancies:	No
Date Shipped:	04/14/96
Date Received:	04/14/96
Last modified date:	04/26/94
Last modified by:	KI
Comments:	Not reported

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012 HUSKY MOBIL UST U003662836
WSW 607 MIDDLE TURNPIKE N/A
< 1/8 MANSFIELD, CT 06250
0.117 mi.
616 ft. Site 2 of 5 in cluster D

Relative: Lower
UST

Owner:	ALSA ASSOCIATES
Owner Address:	77 STERLING ROAD PO BOX 720148
Owner City,St,Zip:	East Hartford, CT 06128
Facility Id:	1185
Alt. Facility ID:	78-1185
Latitude Degrees:	41
Latitude Minutes:	49
Latitude Seconds:	35
Longitude Degrees:	72
Longitude Minutes:	16
Longitude Seconds:	42
Tank ID:	4
Alt. Tank ID:	A2E1
Tank Status:	Currently In Use
Capacity:	10000
Substance:	Gasoline
Date Last Used:	Not reported
Closure Status:	Not reported
Tank Material:	Fiberglass Reinforced Plastic

HUSKY MOBIL (Continued) U003662836

Zndary Material: None
Pipe Material: Fiberglass Reinforced Plastic
Pipe Mode Description: Double Walled
Date Installed: 10/1/1988
Spill Installed: False
Overfill Installed: True

Owner: ALSA ASSOCIATES
Owner Address: 77 STERLING ROAD PO BOX 260405
Owner City,St,Zip: East Hartford, CT 06128
Facility Id: 1185
Alt. Facility ID: 76-1185
Latitude Degrees: 41
Latitude Minutes: 49
Latitude Seconds: 35
Longitude Degrees: 72
Longitude Minutes: 16
Longitude Seconds: 12
Tank ID: 3
Alt. Tank ID: A2
Tank Status: Permanently Out of Use
Capacity: 3000
Substance: Gasoline
Date Last Used: 9/1/1988
Closure Status: Removed
Tank Material: Asphalt Coated or Bare Steel
Zndary Material: None
Pipe Material: Galvanized Steel
Pipe Mode Description: None
Date Installed: 1/1/1950
Spill Installed: False
Overfill Installed: False

Owner: ALSA ASSOCIATES
Owner Address: 77 STERLING ROAD PO BOX 260405
Owner City,St,Zip: East Hartford, CT 06128
Facility Id: 1185
Alt. Facility ID: 76-1185
Latitude Degrees: 41
Latitude Minutes: 49
Latitude Seconds: 35
Longitude Degrees: 72
Longitude Minutes: 16
Longitude Seconds: 12
Tank ID: 2
Alt. Tank ID: A1R1
Tank Status: Currently In Use
Capacity: 10000
Substance: Gasoline
Date Last Used: Not reported
Closure Status: Not reported
Tank Material: Fiberglass Reinforced Plastic
Zndary Material: None
Pipe Material: Fiberglass Reinforced Plastic
Pipe Mode Description: Double Walled
Date Installed: 10/1/1988
Spill Installed: False

HUSKY MOBIL (Continued) U003662836

Overfill Installed: True

Owner: ALSA ASSOCIATES
Owner Address: 77 STERLING ROAD PO BOX 260405
Owner City,St,Zip: East Hartford, CT 06128
Facility Id: 1185
Alt. Facility ID: 76-1185
Latitude Degrees: 41
Latitude Minutes: 49
Latitude Seconds: 35
Longitude Degrees: 72
Longitude Minutes: 16
Longitude Seconds: 12
Tank ID: 1
Alt. Tank ID: A1
Tank Status: Permanently Out of Use
Capacity: 2000
Substance: Gasoline
Date Last Used: 4/1/1988
Closure Status: Removed
Tank Material: Asphalt Coated or Bare Steel
Zndary Material: None
Pipe Material: Galvanized Steel
Pipe Mode Description: None
Date Installed: 1/1/1950
Spill Installed: False
Overfill Installed: False

Owner: ALSA ASSOCIATES
Owner Address: 77 STERLING ROAD PO BOX 260405
Owner City,St,Zip: East Hartford, CT 06128
Facility Id: 1185
Alt. Facility ID: 76-1185
Latitude Degrees: 41
Latitude Minutes: 49
Latitude Seconds: 35
Longitude Degrees: 72
Longitude Minutes: 16
Longitude Seconds: 12
Tank ID: 8
Alt. Tank ID: B3R1
Tank Status: Currently In Use
Capacity: 4000
Substance: Gasoline
Date Last Used: Not reported
Closure Status: Not reported
Tank Material: Fiberglass Reinforced Plastic
Zndary Material: None
Pipe Material: Fiberglass Reinforced Plastic
Pipe Mode Description: Double Walled
Date Installed: 10/1/1988
Spill Installed: False
Overfill Installed: True

Owner: ALSA ASSOCIATES
Owner Address: 77 STERLING ROAD PO BOX 260405
Owner City,St,Zip: East Hartford, CT 06128

HUSKY MOBIL (Continued) U003662836

Facility Id: 1185
Alt. Facility ID: 76-1185
Latitude Degrees: 41
Latitude Minutes: 49
Latitude Seconds: 35
Longitude Degrees: 72
Longitude Minutes: 16
Longitude Seconds: 12
Tank ID: 5
Alt. Tank ID: B3
Tank Status: Permanently Out of Use
Capacity: 10000
Substance: Gasoline
Date Last Used: 9/1/1988
Closure Status: Removed
Tank Material: Asphalt Coated or Bare Steel
Zndary Material: None
Pipe Material: Galvanized Steel
Pipe Mode Description: None
Date Installed: 1/1/1950
Spill Installed: False
Overfill Installed: False

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013 | HUSKY X-TRA MART | MANIFEST | 1007900238
WSW | 607 MIDDLE TURNPIKE | N/A
< 1/8 | STORRS, CT 06268
0.117 mi.
618 ft. | Site 3 of 5 in cluster D

Relative: Lower | CT MANIFEST
Manifest No: Not reported
Waste Occurrence: Not reported
Actual: 616 ft. | UNNA: Not reported
Hazard Class: Not reported
US Dot Description: Not reported
No of Containers: Not reported
Container Type: Not reported
Quantity: Not reported
Weight/Volume: Not reported
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: Not reported
DEO Who Last Modified Record: Not reported
Manifest No: Not reported
Waste Occurrence: Not reported
EPA Waste Code: Not reported
Recycled Waste? Not reported
Date Record Was Last Modified: Not reported
DEO Who Last Modified Record: Not reported
Year: 1992
Manifest ID: MAK077324
TSDF EPA ID: CTD021616869
TSDF Name: UNITED OIL RECOVERY INC /UIS DUA ADVANCED LID. REC
TSDF Address: 136 GRAGGY AVE
TSDF City,St,Zip: MERIDEN, CT 06451
TSDF Country: USA
TSDF Telephone: Not reported
Transport Date: 01/06/93

HUSKY X-TRA MART (Continued) 1007900238

Transporter EPA ID: RIS000009138
Transporter Name: WESTERN OIL INC.
Transporter Country: USA
Transporter Phone: Not reported
Trans 2 Date: / /
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
Trans 2 Address: Not reported
Trans 2 City,St,Zip: CT
Trans 2 Country: USA
Trans 2 Phone: Not reported
Generator EPA ID: CTP000022385
Generator Phone: Not reported
Generator Address: Not reported
Generator City,State,Zip: Not reported
Generator Country: Not reported
Special Handling: Not reported
Datelnprinter: No
Date Shipped: 04/06/93
Date Received: 04/06/93
Last modified date: 02/01/04
Last modified by: IG
Comments: Not reported

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014 | HUSKIE MOBIL | MANIFEST | 1007524764
WSW | 607 MIDDLE TNPK | N/A
< 1/8 | STORRS, CT
0.117 mi.
618 ft. | Site 4 of 5 in cluster D

Relative: Lower | CT MANIFEST
Manifest No: Not reported
Waste Occurrence: Not reported
Actual: 616 ft. | UNNA: Not reported
Hazard Class: Not reported
US Dot Description: Not reported
No of Containers: Not reported
Container Type: Not reported
Quantity: Not reported
Weight/Volume: Not reported
Additional Description: Not reported
Handling Code: Not reported
Date Record Was Last Modified: Not reported
DEO Who Last Modified Record: Not reported
Manifest No: Not reported
Waste Occurrence: Not reported
EPA Waste Code: Not reported
Recycled Waste? Not reported
Date Record Was Last Modified: Not reported
DEO Who Last Modified Record: Not reported
Year: 1996
Manifest ID: CTF045037
TSDF EPA ID: CTD980667527
TSDF Name: SHELTY HUDEN CORP 7-11-94
TSDF Address: 11 TIPPING DR LOT 64
TSDF City,St,Zip: BRANFORD, CT 06405
TSDF Country: USA
TSDF Telephone: Not reported

HUSKIE MOBIL (Continued) 1007924764

Transport Date:	10/24/96
Transporter EPA ID:	KD984508202
Transporter Name:	SAFETY-KLEEN CORP
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	/ /
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
Generator EPA ID:	CTF000016400
Generator Phone:	2032646533
Generator Address:	Not reported
Generator City,State,Zip:	Not reported
Generator Country:	Not reported
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	10/24/96
Date Received:	/ /
Last modified date:	04/26/04
Last modified by:	IG
Comments:	Not reported
Year:	1996
Manifest ID:	UMH203257
TSDF EPA ID:	NYD010409935
TSDF Name:	NORLITE CORP
TSDF Address:	628 S SARATOGA ST
TSDF City,St,Zip:	COHOES, NY 12047
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	03/24/05
Transporter EPA ID:	CTD021816869
Transporter Name:	UNITED OIL RECOVERY INC A/IS DBA ADVANCED LIQ. REC
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	/ /
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
Generator EPA ID:	CTF000016400
Generator Phone:	Not reported
Generator Address:	Not reported
Generator City,State,Zip:	Not reported
Generator Country:	Not reported
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	03/24/05
Date Received:	/ /
Last modified date:	04/26/04
Last modified by:	IG
Comments:	Not reported

HUSKIE MOBIL (Continued) 1007924764

Manifest ID:	CTF0265446
TSDF EPA ID:	CTD021816869
TSDF Name:	UNITED OIL RECOVERY INC A/IS DBA ADVANCED LIQ. REC
TSDF Address:	136 GRACELY AVE
TSDF City,St,Zip:	MERIDEN, CT 06451
TSDF Country:	USA
TSDF Telephone:	Not reported
Transport Date:	03/24/04
Transporter EPA ID:	CTD021816869
Transporter Name:	UNITED OIL RECOVERY INC A/IS DBA ADVANCED LIQ. REC
Transporter Country:	USA
Transporter Phone:	Not reported
Trans 2 Date:	/ /
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
Trans 2 Address:	Not reported
Trans 2 City,St,Zip:	CT
Trans 2 Country:	USA
Trans 2 Phone:	Not reported
Generator EPA ID:	CTF000016400
Generator Phone:	Not reported
Generator Address:	Not reported
Generator City,State,Zip:	Not reported
Generator Country:	Not reported
Special Handling:	Not reported
Discrepancies:	Not reported
Date Shipped:	03/24/04
Date Received:	/ /
Last modified date:	04/26/04
Last modified by:	IG
Comments:	Not reported

D15 HUSKY MOBILE (FORMER BP) — LUST S108543323
WSW 663 MIDDLE TURNPIKE (RTE. 44) — SDADB N/A
< 1/8 MANSFIELD, CT 06250
0.117 mi.
618 ft. Site 5 of 5 in cluster D

Relative: Lower — LUST

LUST Case Id:	26416
Cost Recovery Sub Case #:	Not reported
Site Case Id:	Not reported
Old SITS Number:	Not reported
UST Site Id:	Not reported
LUST ID:	300
Case Log Id:	Not reported
Monthly Report #:	0
UST Facility Id:	1185
UST Owner Id:	3018
UST Event Id:	380
Contact Info:	Not reported
Facility City Rem:	TR
Modified Date:	03/28/91
Entry Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact City,St,Zip:	0
Site Contact Add 2:	Not reported

Actual: 616 ft.

HUSKY MOBILE (FORMER BP) (Continued) S108543323

Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
2nd Contact:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	0
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Not reported
Date Referred:	Not reported
Petrole Heating Fuel:	False
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal:	False
Commercial HF > 2100 Gal:	False
Commercial HF - Size Unk:	False
Motor Fuel:	True
Diesel:	False
Gasoline:	True
Other Release:	Not reported
No Release:	False
No UST Site:	False
Leak:	False
Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Cost Recovery Pages Candidate:	False
OC SRO Complete:	False
Responsible Party:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Town Number:	0
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
LUST Owner Id:	Not reported
Investigator Id:	70
Follow Update:	Not reported
Last Status:	Completed
Processing Status:	Not reported
Area Located:	Not reported
Annual Precipitation:	Not reported
Effected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported

HUSKY MOBILE (FORMER BP) (Continued) S108543323

Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	Not reported
Fund Designated:	Not reported
Fund Outlayed:	Not reported
Fund Judgment:	Not reported
Fund Recovered:	Not reported
Cellar Borings:	False
Inside Micro Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample LNVS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Dated:	Not reported
NOV Due Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Reliable Invest Rpt:	False
DEP Ltr Letter 1:	False
Correct Action Plan:	False
DEP Ltr Letter 2:	False
Item Sys Install:	False
Item Sys Install Date:	Not reported
Closure Date:	Not reported
Item Sys Monitoring Rpt:	False
Only Quarter Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Life Wells:	Not reported
User Stamp:	Waste Remediation
Date Stamp:	08/20/04

HUSKY MOBILE (FORMER BP) (Continued) S108543323

Correspondence: Not reported
Environmental Impact: Not reported
Follow Up: Not reported
GW Comments: Not reported
Location Data: Not reported
NOV Comments: Not reported
Release Date: Not reported
Running Comments: One piece of correspondence from Water Remediation files received on 7/10/90 from IEP Inc. of Northborough MA, states that 2L, 3L, 10K gasoline USTs were removed in the past. GW&SV and Soil Cores, Sampling, GW Treatment (Discharge Permit). GAA AREA. Most recent document is an application for a discharge permit. Nothing more recent.
Work Performed: Not reported

Site Discovery and Assessment:
Facility ID: 3095
Item Master ID: 2571
PTP Id: Not reported
WPC Number: Not reported
Postal District: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Determined By: Not reported
Ground Water Quality Classification: Not reported
Surface Water Quality Classification: Not reported
Waste Type: HYDROCOL
Disposal: SPILL/DUMP
Sample Data Available: No
Updated By: POST, M
Update Program: CORE
Updated: 03/1/1995
Date Created: Not reported
Duplicate: No
EPA CERCLIS Id: Not reported
Number EPA RCRIS Id: Not reported
Site on EPA's CERCLIS: Not reported
Site Archived from CERCLIS: Not reported
Archive Date: Not reported
EPA's Removal at Site: Not reported
Deferred to another EPA Program: Not reported
EPA Env Priority Initiative Site: Not reported
Federal Facility: Not reported
Site on EPA's National Priority List: Not reported
Part of an NPL site: Not reported
RCRA Generator Status: Not reported
RCRA Permit Status: Not reported
Referral Id: 1920
Source of referral: SPILLS
Date Received: 2/1/1995
Staff Assigned: Not reported
Remediation Program: Not reported
Date dt_assigned: Not reported
Remediation Complete Approved DEP/Verified by LEP: Not reported
Outcome: Not reported
Referral Id: 3766
Source of referral: SPILLS
Date Received: 7/23/1995

HUSKY MOBILE (FORMER BP) (Continued) S108543323

Staff Assigned: Not reported
Remediation Program: Not reported
Date dt_assigned: Not reported
Remediation Complete Approved DEP/Verified by LEP: Not reported
Outcome: Not reported
Remedial Id: Not reported
PTP Id: Not reported
Remediation Program: Not reported
Remediation Program Entered: Not reported
Staff Assigned: Not reported
Remediation Program: Not reported
Date dt_assign: Not reported
Project Phase: Not reported
Order Issued: Not reported
Order Number: Not reported
Date order issued: Not reported
Remedial Investigation Start: Not reported
Remedial Investigation Completed: Not reported
Remedial Design Start: Not reported
Remedial Design complete: Not reported
Remedial Action Start: Not reported
Remedial Action Completed: Not reported
Date Operl maintenance Started: Not reported
GW monitoring: Not reported
Remediation complete Approved DEP/Verified by LEP: Not reported
Order Id: Not reported
Order Number: Not reported
Date order issued: Not reported
Staff Assigned: Not reported
Type of Order: Not reported
Order Respondent: Not reported
Admin Appeal Date: Not reported
Date of Admin Appeal Ruling: Not reported
Date of Admin Appeal Ruling: Not reported
Date of Final Order: Not reported
Date of Court Appeal: Not reported
Date of Court Ruling: Not reported
Date of Court Ruling: Not reported
Date Order Modified: Not reported
Date Referred to AG: Not reported
Judgement: Not reported
Date of AG judgement: Not reported
Penalty assessed: Not reported
Order Complete: Not reported
In compliance: Not reported
Orders Comment: Not reported
Comments: Not reported

16 ENE 1/8-1/4 0.172 mi. 906 ft. — **EXXON CORP. # 35795**, 623 MIDDLE TURNPIKE, MANSFIELD, CT — SOADB — S104254201, N/A

Relative: Higher
Actual: 641 ft.

Site Discovery and Assessment:
Facility ID: 1915
Item Master ID: 1794
PTP Id: Not reported
WPC Number: Not reported
Postal District: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Determined By: Not reported
Ground Water Quality Classification: Not reported
Surface Water Quality Classification: Not reported
Waste Type: NCHLR VOC, HYDROCOL
Disposal: UST
Sample Data Available: No
Updated By: POST, M
Update Program: CORE
Updated: 8/31/1994
Date Created: Not reported
Duplicate: No
EPA CERCLIS Id: Not reported
Number EPA RCRIS Id: Not reported
Site on EPA's CERCLIS: Not reported
Site Archived from CERCLIS: Not reported
Archive Date: Not reported
EPA's Removal at Site: Not reported
Deferred to another EPA Program: Not reported
EPA Env Priority Initiative Site: Not reported
Federal Facility: Not reported
Site on EPA's National Priority List: Not reported
Part of an NPL site: Not reported
RCRA Generator Status: Not reported
RCRA Permit Status: Not reported
Referral Id: 1774
Source of referral: REMEDIAL
Date Received: 8/31/1994
Staff Assigned: Not reported
Remediation Program: Not reported
Date dt_assigned: Not reported
Remediation Complete Approved DEP/Verified by LEP: Not reported
Outcome: Not reported
Remedial Id: Not reported
PTP Id: Not reported
Remediation Program: Not reported
Remediation Program Entered: Not reported
Staff Assigned: Not reported
Remediation Program: Not reported
Date dt_assign: Not reported
Project Phase: Not reported
Order Issued: Not reported
Order Number: Not reported
Date order issued: Not reported
Remedial Investigation Start: Not reported
Remedial Investigation Completed: Not reported

EXXON CORP. # 35795 (Continued) S104254201

Remedial Design Start: Not reported
Remedial Design complete: Not reported
Remedial Action Start: Not reported
Remedial Action Completed: Not reported
Date Operl maintenance Started: Not reported
GW monitoring: Not reported
Remediation complete Approved DEP/Verified by LEP: Not reported
Order Id: Not reported
Order Number: Not reported
Date order issued: Not reported
Staff Assigned: Not reported
Type of Order: Not reported
Order Respondent: Not reported
Admin Appeal Date: Not reported
Date of Admin Appeal Ruling: Not reported
Date of Admin Appeal Ruling: Not reported
Date of Final Order: Not reported
Date of Court Appeal: Not reported
Date of Court Ruling: Not reported
Date of Court Ruling: Not reported
Date Order Modified: Not reported
Date Referred to AG: Not reported
Judgement: Not reported
Date of AG judgement: Not reported
Penalty assessed: Not reported
Order Complete: Not reported
In compliance: Not reported
Orders Comment: Not reported
Comments: WC-5052 STORRS RD. (R1 155)

17 NW 1/8-1/4 0.207 mi. 1093 ft. — **EAGLEVILLE FIRE DEPARTMENT**, 1722 STORRS ROAD, MANSFIELD, CT 06268 — UST — U004106724, N/A

Relative: Lower
Actual: 587 ft.

UST:
Owner: TOWN OF MANSFIELD
Owner Address: 4 SOUTH EAGLEVILLE ROAD
Owner City,St,Zip: Storrs Mansfield, CT 06268
Facility ID: 11994
AI Facility ID: 29-11994
Latitude Degrees: Not reported
Latitude Minutes: Not reported
Latitude Seconds: Not reported
Longitude Degrees: Not reported
Longitude Minutes: Not reported
Longitude Seconds: Not reported
Tank ID: 1
AI Tank ID: 44
Tank Status: Permanently Out of Use
Capacity: 1000
Substance: Heating Oil
Date Last Used: 12/31/1992
Closure Status: Tank removed from ground
Tank Material: Asphalt Coated or Bare Steel
Secondary Material: None
Pipe Material: Other

EAGLEVILLE FIRE DEPARTMENT (Continued) U004100794

Pipe Mode Description:	None
Date Installed:	1/1/1975
Spill Installed:	False
Overfill Installed:	False
Owner:	TOWN OF MANSFIELD
Owner Address:	4 SOUTH EAGLEVILLE ROAD
Owner City,St,Zip:	Storrs Mansfield, CT 06268
Facility Id:	11994
Alt. Facility ID:	78-11994
Latitude Degrees:	Not reported
Latitude Minutes:	Not reported
Latitude Seconds:	Not reported
Longitude Degrees:	Not reported
Longitude Minutes:	Not reported
Longitude Seconds:	Not reported
Tank ID:	2
Alt. Tank ID:	A1R1
Tank Status:	Currently In Use
Capacity:	3000
Substance:	Heating Oil
Date Last Used:	Not reported
Closure Status:	Not reported
Tank Material:	Cathodically Protected Steel
Jacket Material:	None
Pipe Material:	Galvanized Steel
Pipe Mode Description:	None
Date Installed:	11/1/1997
Spill Installed:	True
Overfill Installed:	True

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16 WSW 1/8-1/4 0.209 mi. 1102 ft. — **MARTY'S SERVICE CENTER**, 575 MIDDLE TURNPIKE, MANSFIELD, CT 06250 — LUST U003518173, UST N/A, CT PROPERTY SDADI

Relative: Higher
Actual: 638 ft.

LUST

LUST Case Id:	28412
Cost Recovery Spill Case #:	Not reported
Site Case Id:	Not reported
Old SITS Number:	Not reported
UST Site Id:	695
LUST ID:	360
Case Log Id:	Not reported
Mantis Repair Id:	0
UST Facility Id:	1182
UST Owner Id:	6387
UST Event Id:	385
Complete Info:	Not reported
Facility Cty Num:	78
Incident Date:	11/26/88
Entry Date:	Not reported
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact City,St,Zip:	0
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported

MARTY'S SERVICE CENTER (Continued) U003518173

Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
2nd Contact:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	0
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Release Source:	Not reported
Date Referred:	Not reported
Private Heating Fuel:	False
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal:	False
Commercial HF > 2100 Gal:	False
Commercial HF Size Unk:	False
Motor Fuel:	True
Diesel:	False
Gasoline:	False
Other Release:	Not reported
No Release:	False
No LUST Site:	False
Leak:	False
Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Cost Recovery Pipe Constructn:	False
OCSRD Complete:	False
Response Ale Partp:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation:	False
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Town Number:	0
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
LUST Owner Id:	Not reported
Investigator Id:	30
Follow Update:	Not reported
Last Status:	Completed
Processing Status:	Not reported
Area Content:	Not reported
Annual Precipitation:	Not reported
Effected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported

MARTY'S SERVICE CENTER (Continued) U003518173

Hydro Basin:	Not reported
Density:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	Not reported
Fund Obligated:	Not reported
Fund Delayed:	Not reported
Fund Judgened:	Not reported
Fund Recovered:	Not reported
Other Borings:	False
Install More Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample LNVS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Revised Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Greater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Cpk Wells:	Not reported
User Stamp:	Waste Remediation
Date Stamp:	08/20/94
Correspondence:	Not reported

MARTY'S SERVICE CENTER (Continued) U003518173

Environmental Impact:	Not reported
Follow Up:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Desc:	Not reported
Running Comments:	UST Cleanup Fund ID: 695 According to a letter from The Circle K Corporation to CT-DEP OCSRD, Scott Deckelly, five USTs, (3x10k gasoline, tanks A-1 & 2, and C-3, 1x2k FO, tank D-4, and 1x2k WO, tank E-5 were removed from the subject property in November of 1988 by Rome Inc. of South Windsor, CT. Three new 8k fiberglass gasoline tanks were installed in the same facility in November of 1988. According to the Comments section of the UST Notification Form 78-1182, dated 3/6/89, 3x10k gasoline, 1x2k FO and 1x2k WO USTs have been removed from the subject property. Three new 8k gasoline USTs were installed in 11/88.
Work Performed:	Not reported

UST

Owner:	MARTY S SERVICE CENTER
Owner Address:	575 MIDDLE TURNPIKE
Owner City,St,Zip:	Storrs Mansfield, CT 06268
Facility Id:	1182
Alt. Facility ID:	78-1182
Latitude Degrees:	41
Latitude Minutes:	49
Latitude Seconds:	36
Longitude Degrees:	72
Longitude Minutes:	16
Longitude Seconds:	23
Tank ID:	2
Alt. Tank ID:	A1R1
Tank Status:	Currently In Use
Capacity:	8000
Substance:	Gasoline
Date Last Used:	Not reported
Closure Status:	Not reported
Tank Material:	Fiberglass Reinforced Plastic
Jacket Material:	None
Pipe Material:	Fiberglass Reinforced Plastic
Pipe Mode Description:	None
Date Installed:	11/1/1988
Spill Installed:	True
Overfill Installed:	True

Owner:	MARTY S SERVICE CENTER
Owner Address:	575 MIDDLE TURNPIKE
Owner City,St,Zip:	Storrs Mansfield, CT 06268
Facility Id:	1182
Alt. Facility ID:	78-1182
Latitude Degrees:	41
Latitude Minutes:	49
Latitude Seconds:	36
Longitude Degrees:	72
Longitude Minutes:	16
Longitude Seconds:	23
Tank ID:	7
Alt. Tank ID:	D1

MARTY'S SERVICE CENTER (Continued) U003518173

Tank Status: Permanently Out of Use
Capacity: 2000
Substance: Gasoline
Date Last Used: 11/1/1988
Closure Status: Removed
Tank Material: Asphalt Coated or Bare Steel
2ndary Material: None
Pipe Material: Galvanized Steel
Pipe Mode Description: None
Date Installed: 1/1/1981
Spill Installed: False
Overfill Installed: False

Owner: MARTY'S SERVICE CENTER
Owner Address: 575 MIDDLE TURNPIKE
Owner City,St,Zip: Storrs Mansfield, CT 06268
Facility Id: 1182
Alt. Facility ID: 78-1182
Latitude Degrees: 41
Latitude Minutes: 49
Latitude Seconds: 30
Longitude Degrees: 72
Longitude Minutes: 16
Longitude Seconds: 23
Tank ID: 3
Alt. Tank ID: B2
Tank Status: Permanently Out of Use
Capacity: 10000
Substance: Gasoline
Date Last Used: 11/1/1988
Closure Status: Removed
Tank Material: Asphalt Coated or Bare Steel
2nd ary Material: None
Pipe Material: Galvanized Steel
Pipe Mode Description: None
Date Installed: 1/1/1964
Spill Installed: False
Overfill Installed: False

Owner: MARTY'S SERVICE CENTER
Owner Address: 575 MIDDLE TURNPIKE
Owner City,St,Zip: Storrs Mansfield, CT 06268
Facility Id: 1182
Alt. Facility ID: 78-1182
Latitude Degrees: 41
Latitude Minutes: 49
Latitude Seconds: 30
Longitude Degrees: 72
Longitude Minutes: 16
Longitude Seconds: 23
Tank ID: 1
Alt. Tank ID: A1
Tank Status: Permanently Out of Use
Capacity: 10000
Substance: Gasoline
Date Last Used: 11/1/1988
Closure Status: Removed

MARTY'S SERVICE CENTER (Continued) U003518173

Tank Material: Asphalt Coated or Bare Steel
2nd ary Material: None
Pipe Material: Galvanized Steel
Pipe Mode Description: None
Date Installed: 1/1/1968
Spill Installed: False
Overfill Installed: False

Owner: MARTY'S SERVICE CENTER
Owner Address: 575 MIDDLE TURNPIKE
Owner City,St,Zip: Storrs Mansfield, CT 06268
Facility Id: 1182
Alt. Facility ID: 78-1182
Latitude Degrees: 41
Latitude Minutes: 49
Latitude Seconds: 30
Longitude Degrees: 72
Longitude Minutes: 16
Longitude Seconds: 23
Tank ID: 4
Alt. Tank ID: B2R1
Tank Status: Currently In Use
Capacity: 6000
Substance: Gasoline
Date Last Used: Not reported
Closure Status: Not reported
Tank Material: Fiberglass Reinforced Plastic
2nd ary Material: None
Pipe Material: Fiberglass Reinforced Plastic
Pipe Mode Description: None
Date Installed: 11/1/1988
Spill Installed: True
Overfill Installed: True

Owner: MARTY'S SERVICE CENTER
Owner Address: 575 MIDDLE TURNPIKE
Owner City,St,Zip: Storrs Mansfield, CT 06268
Facility Id: 1182
Alt. Facility ID: 78-1182
Latitude Degrees: 41
Latitude Minutes: 49
Latitude Seconds: 30
Longitude Degrees: 72
Longitude Minutes: 16
Longitude Seconds: 23
Tank ID: 6
Alt. Tank ID: C2R1
Tank Status: Currently In Use
Capacity: 6000
Substance: Gasoline
Date Last Used: Not reported
Closure Status: Not reported
Tank Material: Fiberglass Reinforced Plastic
2nd ary Material: None
Pipe Material: Fiberglass Reinforced Plastic
Pipe Mode Description: None
Date Installed: 11/1/1988

MARTY'S SERVICE CENTER (Continued) U003518173

Spill Installed: True
Overfill Installed: True

Owner: MARTY'S SERVICE CENTER
Owner Address: 575 MIDDLE TURNPIKE
Owner City,St,Zip: Storrs Mansfield, CT 06268
Facility Id: 1182
Alt. Facility ID: 78-1182
Latitude Degrees: 41
Latitude Minutes: 49
Latitude Seconds: 30
Longitude Degrees: 72
Longitude Minutes: 16
Longitude Seconds: 23
Tank ID: 5
Alt. Tank ID: C3
Tank Status: Permanently Out of Use
Capacity: 10000
Substance: Gasoline
Date Last Used: 11/1/1988
Closure Status: Removed
Tank Material: Asphalt Coated or Bare Steel
2nd ary Material: None
Pipe Material: Galvanized Steel
Pipe Mode Description: None
Date Installed: 1/1/1981
Spill Installed: False
Overfill Installed: False

Owner: MARTY'S SERVICE CENTER
Owner Address: 575 MIDDLE TURNPIKE
Owner City,St,Zip: Storrs Mansfield, CT 06268
Facility Id: 1182
Alt. Facility ID: 78-1182
Latitude Degrees: 41
Latitude Minutes: 49
Latitude Seconds: 30
Longitude Degrees: 72
Longitude Minutes: 16
Longitude Seconds: 23
Tank ID: 8
Alt. Tank ID: E5
Tank Status: Permanently Out of Use
Capacity: 2000
Substance: Used Oil
Date Last Used: 11/1/1988
Closure Status: Removed
Tank Material: Asphalt Coated or Bare Steel
2nd ary Material: None
Pipe Material: Galvanized Steel
Pipe Mode Description: None
Date Installed: 1/1/1950
Spill Installed: False
Overfill Installed: False

CT Property:
Seller Name: New England Petroleum Inc

MARTY'S SERVICE CENTER (Continued) U003518173

Buyer Name: Chelsea Partners Ltd
Certifying Party: Not reported
Certifying Attorney Person: Not reported
Title Of Certifying Person: Not reported
Certifying Person Address: Not reported
Certifying Person City,St,Zip: Not reported
Property Transfer Forms: Form 3 (DEP-PERD-PTP-203) when no release of hazardous waste has occurred at the parcel being transferred.
Date Recieved: 10/5/1994
Actn Date: 12/21/1994
Determination Date: Not reported
LEP Verified/DEP Approval Date: Not reported
Date Data Updated: 2/13/2004

Site Discovery and Assessment:
Facility ID: 2453
Real Estate ID: 2836
PTP ID: Not reported
VCP Number: Not reported
Postal Distrib: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Determined By: Not reported
Ground Water Quality Classification: Not reported
Surface Water Quality Classification: Not reported
Waste Type: Not reported
Disposal: Not reported
Sample Data Available: No
Updated By: POSI, H.
Update Program: CONC
Updated: 6/26/1995
Date Created: Not reported
Deactivate: No
EPA CERCLIS Id: Not reported
Number EPA RCRIS Id: Not reported
Site on EPA's CERCLIS: Not reported
Site Archived from CERCLIS: Not reported
Archive Date: Not reported
EPA's Removal at Site: Not reported
Referred to Another EPA Program: Not reported
EPA Key Priority Industrial Site: Not reported
Federal Facility: Not reported
Site on EPA's National Priority List: Not reported
Part of an NPL site: Not reported
RCRA Generator Status: Not reported
RCRA Permit Status: Not reported
Referral Id: 2310
Source of Referral: PWP
Date Received: 6/26/1995
Staff Assigned: Not reported
Remediation Program: Not reported
Date Assigned: Not reported
Remediation Complete Approved DEP/Approved by LEP: Not reported
Outcome: Not reported
Remedial Id: Not reported
PTP Id: Not reported
Remediation Program: Not reported

MARTY'S SERVICE CENTER (Continued) 0003518173

Remediation Program Entered	Not reported
Staff Assigned	Not reported
Remediation Program:	Not reported
Date of Assign:	Not reported
Project Phase:	Not reported
Order Issued	Not reported
Order Number:	Not reported
Date order issued.	Not reported
Remedial Investigation Start.	Not reported
Remedial Investigation Completed	Not reported
Remedial Design Start:	Not reported
Remedial Design complet.	Not reported
Remedial Action Start:	Not reported
Remedial Action Completed	Not reported
Date Oper/ maintenance Started	Not reported
GW monitoring:	Not reported
Remediation complete: Approved DEP/Verified by LEP	Not reported
Order Id	Not reported
Order Number.	Not reported
Date order issued	Not reported
Staff Assigned:	Not reported
Type of Order:	Not reported
Order Respondent:	Not reported
Admin Appeal Date:	Not reported
Date of Admin Appeal Ruling	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Final Order	Not reported
Date of Court Appeal	Not reported
Date of Court Ruling:	Not reported
Date of Court Ruling:	Not reported
Date Order Modified:	Not reported
Date Referred to AG	Not reported
Judgment:	Not reported
Date of AGM judgement:	Not reported
Penalty Assessed:	Not reported
Order Complete:	Not reported
In compliance.	Not reported

Orders Comment: Not reported
Comments Not reported

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19 JOHN JONES LUST S103160284
ENE 645 MIDDLE TPKE SPILLS N/A
1/8-1/4 MANSFIELD CENTER, CT 06250
0.227 mi.
1198 ft.

Relative: LUST
Higher

LUST Case Id:	33107
Cost Recovery Spill Case #:	Not reported
Site Case Id.	9703067
Old SIES Number:	Not reported
UST Site Id	Not reported
LUST ID:	4982
Case Log Id:	Not reported
Modify Report Id:	0
UST Facility Id:	Not reported
UST Owner Id:	Not reported
UST Event Id.	5093

Actual:
643 ft.

JOHN JONES (Continued) S103160284

Contact Info:	Not reported
Facility City Num.	78.
Modified Date:	06/12/97
Entry Date:	Not reported
Site Contact:	Not reported
Site Contact Address.	Not reported
Site Contact City,St,Zip:	0
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone.	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
2nd Contact:	Not reported
2nd Contact Address	Not reported
2nd Contact City,St,Zip:	0
2nd Contact Address 2.	Not reported
2nd Contact City 2.	Not reported
2nd Contact Phone Number	Not reported
2nd Contact Fax Number	Not reported
2nd Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Not reported
Date Referred	Not reported
Private Heating Fuel	True
Commercial Heating Fuel.	False
Commercial HF < 2100 Gal	False
Commercial HF > 2100 Gal	False
Commercial HF - Size Unk.	False
Motor Fuel:	False
Diesel:	False
Gasoline	False
Other Release:	Not reported
No Release:	False
No LUST Site:	False
Leak	False
Tank	False
Piping	False
Overfill.	False
Removal.	False
Cost Recovery Page Candidate:	False
OCSRD Complete.	True
Responsible Party:	False
Follow Up Flag:	False
Alternate Water Supply:	False
Relocation	False
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip.	Not reported
Resp Party Town Number:	0
Resp Party Phone:	Not reported
Resp Party Fax.	Not reported
Resp Party Name 2	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2	Not reported
LUST Owner Id.	Not reported
Investigator Id:	35

JOHN JONES (Continued) S103160284

Follow Update	Not reported
Lust Status.	Completed
Processing Status.	Not reported
Area Location	Not reported
Annual Precipitation:	Not reported
Effected Population.	Not reported
Population Setting	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient.	Not reported
Hydro Basin:	Not reported
Drastic	Not reported
Geo Setting	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches	Not reported
Fund Date:	Not reported
Fund Planned:	Not reported
Fund Obligated:	Not reported
Fund Outlayed:	Not reported
Fund Judgment:	Not reported
Fund Recovered:	Not reported
Odor Sweeps:	False
Install Micro Wells:	False
Ground Water Sample.	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate.	False
Geo Probe.	False
Survey	False
Private Well Sample:	False
Sample MWS.	False
Ground Water Gauging:	False
Soil Vapor:	False
Active:	False
NOV Action	None
NOV Issued:	Not reported
NOV Date	Not reported
NOV Received:	Not reported
NOV Closed	Not reported
NOV Close Date	Not reported
NOV Issued Date:	Not reported
NOV Compliance Solved:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Meet Rpt:	False
DEP Ack Letter 1.	False
Correct Action Plan:	False
DEP Ack Letter 2	False
Rem Sys Install.	False
Rem Sys Install Date.	Not reported
Closure Date	Not reported
Rem Sys Monitoring Rpt:	False

JOHN JONES (Continued) S103160284

Only Greater Mon Rpts	False
Closure Req Rpt:	False
DEP Closure Letter	False
Referred To:	Not reported
No Water:	Not reported
Epa Wells.	Not reported
Date Stamp.	Not reported
Date Stamp.	Not reported
Correspondence.	Not reported
Environmental Impact	Not reported
Follow Up	Not reported
GW Comments:	Not reported
Location Date	Not reported
NOV Comments	Not reported
Release Desc	Not reported
Working Comments:	#2 HEATING OIL , tank removed along with soil
Work Performed:	Not reported

SPILL

Year of Database.	6/12/1997	Case Number:	9703067
Who Took Spill:	SLF	Assigned To:	0
Report Date	6/12/1997	Report Time:	6/12/1997 11:31:00 AM
Date Release:	6/12/1997	Time Responded:	Not reported
Reported By:	Sally wells	Phone:	800 6420618
Representing	Shell corp		
Terminated:	YES	Record (Total):	0
Total (Water):	0	Facility Status:	Closed
Date Responded:	Not reported	Time Responded	Not reported
Who Assigned Spill:	Not reported		
Continuous Spill:	False		
Released Substance.	#2 FUEL OIL		
Qty.	0 (Gallons)		
Emergency Measure:	tank removed along with soil		
Water Body	na		
Discharger	John jones		
Telephone:	800 4200362		
Discharger Addr.	Not reported		
Discharger City,St,Zip.	Not reported		
Responsible Party.	YES		
RP Address 1:	Not reported		
RP City,St,Zip:	MANSFIELD, CT 06268		
Property Owner Name:	Not reported		
Property Owner Phone:	Not reported		
Property Owner Address:	Not reported		
Property Owner 1 City,St,Zip.	Not reported		
Historic	False	Waterbody	False
City Not Water.	Not reported	Waterway	Not reported
DPA	Not reported	EPA:	Not reported
EPA Time:	Not reported	EPA Date.	Not reported
EPA Contact:	Not reported		
USCG Contact:	Not reported	USCG.	Not reported
USCG Time:	Not reported	USCG Date	Not reported
Spill Fund	Not reported	Authorized By	Not reported
Date Authorized	Not reported	Time Authorized:	Not reported
OCSRD Rep:	Not reported	Accepted By.	Not reported
Time Authorized	Not reported	Date Accepted:	Not reported
Transportation:	Not reported	Make:	Not reported

JOHN JONES (Continued) S103160284

Registration: Not reported
Trailer Registration: Not reported
Vehicle Operator: Not reported
Vehicle Owner: Not reported
Special Contact: Not reported
Time Requested: Not reported
Date Arrived: Not reported
Time Stamp: 1991-06-12 11:57:00
St Inspector: Ensminger, Brian
Sign 1: Not reported
Sign 3: Not reported
Sign 5: Not reported
Sign 7: Not reported
Action ID: 17
Action: Removed Tank
Other Action: Not reported
Action ID: 18
Action: Soil Removed
Other Action: Not reported
Agency ID: 9
Agency: DEP
Other Agency: Not reported
DEP Bureau: BUREAU OF WASTE MANAGEMENT
DEP Agency: OIL AND CHEMICAL SPILL RESPONSE
Cause ID: 3
Cause: Underground Tank Failure
Other Cause: Not reported
Media ID: 6
Media: Other
Other Media: soil surface
Class ID: Not reported
Class: Not reported
Other Class: Not reported
Release ID: 1
Release Type: petroleum
Other Release: Not reported
Waterbody ID: 9
Waterbody: Other
Other Waterbody: all

Tractor No: Not reported
License No: Not reported
Owner Phone: Not reported
Contractor Retained: Not reported
Date Requested: Not reported
Time Arrived: Not reported
Alt Inspector: **NO RESPONSE
Sign 2: Not reported
Sign 4: Not reported
Sign 6: Not reported
User Stamp: Not reported

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20 WNW / 1/4-1/2 / 0.264 mi. / 1393 ft. — **WILLINGTON TIRE COMPANY, INC.** — SPILLS / CT PROPERTY / SQADB — S104563184 / N/A

1733 STORRS ROAD
MANSFIELD, CT

Relative: Lower
Actual: 584 ft

SPILL
Year of Database: 6/27/1998
Who Took Spill: SIG
Report Date: 6/27/1998
Date Release: 6/27/1998
Reported By: dispatcher 10
Representing: Fire Department
Terminated: YES
Total (Water): 0
Date Responded: Not reported
Who Assigned Spill: Not reported
Continuous Spill: False

Case Number: 9903357
Assigned To: 0
Report Time: 11:39:00 AM
Time Responded: 11:30:00 AM
Phone: 860 8752543
Recoup (Total): 0
Facility Status: Closed
Time Responded: Not reported

WILLINGTON TIRE COMPANY, INC. (Continued) S104563184

Released Substance: MOTOR VEHICLE FLUIDS
Qty: 1 (Gallons)
Emergency Response: motor vehicle fluids
Water Body: Not reported
Discharger: mva
Telephone: Not reported
Discharger Addr: Not reported
Discharger City,St,Zip: Not reported
Responsible Party: NO
RP Address 1: Not reported
RP City,St,Zip: CT
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Address: Not reported
Property Owner 1 City,St,Zip: Not reported
Historic: False
Qty Has Water: Not reported
OPA: Not reported
EPA Time: Not reported
EPA Contact: Not reported
USCG Contact: Not reported
USCG Time: Not reported
Spill Fund: Not reported
Date Authorized: Not reported
OCSRD Rep: Not reported
Time Authorized: Not reported
Transportation: Not reported
Registration: Not reported
Trailer Registration: Not reported
Vehicle Operator: Not reported
Vehicle Owner: Not reported
Special Contact: Not reported
Time Requested: Not reported
Date Arrived: Not reported
Time Stamp: 1996-06-22 11:33:00
St Inspector: Stavela, Roxanne
Sign 1: Not reported
Sign 3: Not reported
Sign 5: Not reported
Sign 7: Not reported
Action ID: 8
Action: Sanded
Other Action: Not reported
Agency ID: 9
Agency: DEP
Other Agency: Not reported
DEP Bureau: BUREAU OF WASTE MANAGEMENT
DEP Agency: OIL AND CHEMICAL SPILL RESPONSE
Agency ID: 10
Agency: LOCAL FIRE DEPARTMENT
Other Agency: Not reported
DEP Bureau: Not reported
DEP Agency: Not reported
Cause ID: 23
Cause: MV Accident
Other Cause: Not reported
Media ID: 4

Waterbody: False
Waterway: Not reported
EPA: Not reported
EPA Date: Not reported
USCG: Not reported
USCG Date: Not reported
Authorized By: Not reported
Time Authorized: Not reported
Accepted By: Not reported
Date Accepted: Not reported
Make: Not reported
Tractor No: Not reported
License No: Not reported
Owner Phone: Not reported
Contractor Retained: Not reported
Date Requested: Not reported
Time Arrived: Not reported
Alt Inspector: **NO RESPONSE
Sign 2: Not reported
Sign 4: Not reported
Sign 6: Not reported
User Stamp: Not reported

WILLINGTON TIRE COMPANY, INC. (Continued) S104563184

Media: Ground Surface
Other Media: Not reported
Media ID: 6
Media: Other
Other Media: pavement
Class ID: Not reported
Class: Not reported
Other Class: Not reported
Release ID: 1
Release Type: petroleum
Other Release: Not reported
Waterbody ID: Not reported
Waterbody: Not reported
Other Waterbody: Not reported

CT Property
Seller Name: Holiday Mart Associates Limited Partnership
Buyer Name: C & I Associates, LLC
Certifying Party: Holiday Mart Associates Limited Partnership
Certifying Attention Person: Not reported
Title Of Certifying Person: Not reported
Certifying Person Address: Not reported
Certifying Person City,St,Zip: Not reported
Property Transfer Forms: Form I (DEP-PERD-PTP-301) which no releases of hazardous waste has occurred at the parcel being transferred.
Date Received: 4/2/1998
Ackn Date: 6/5/1998
Determination Date: Not reported
LEP Verified/DEP Approval Date: Not reported
Date Data Updated: 7/13/2006

Site Discovery and Assessment:
Facility ID: 4444
Item Master ID: 3250
PTP Id: 2732
WPC Number: Not reported
Postal District: Not reported
Latitude: Not reported
Longitude: Not reported
Lat/Long Determined By: Not reported
Ground Water Quality Classification: Not reported
Surface Water Quality Classification: Not reported
Waste Type: Not reported
Disposal: Not reported
Sample Data Available: No
Updated By: Not reported
Update Program: Not reported
Updated: Not reported
Date Created: Not reported
Duplicate: No
EPA CERCLIS Id: Not reported
Number EPA NCFMS Id: Not reported
Site in EPA's CERCLIS: Not reported
Site Archived from CERCLIS: Not reported
Archive Date: Not reported
EPA's Removal at Site: Not reported

WILLINGTON TIRE COMPANY, INC. (Continued) S104563184

Defined to be an NPL EPA Program: Not reported
EPA Enforcement Initiative Site: Not reported
Federal Facility: Not reported
Site on EPA's National Priority List: Not reported
Part of an NPL site: Not reported
RCRA Generator Status: Not reported
RCRA Permit Status: Not reported
Referral Id: 4402
Source of referral: PTP
Date Received: 4/2/1998
Staff Assigned: Not reported
Remediation Program: PTP
Date of assigned: Not reported
Remediation Complete Approved DEP/Verified by LEP: 4/2/1998
Outcome: PTP
Remedial Id: Not reported
PTP Id: Not reported
Remediation Program: Not reported
Remediation Program Entered: Not reported
Staff Assigned: Not reported
Remediation Program: Not reported
Date of assign: Not reported
Project Phase: Not reported
Order Issued: Not reported
Order Number: Not reported
Date order issued: Not reported
Remedial Investigation Start: Not reported
Remedial Investigation Completed: Not reported
Remedial Design Start: Not reported
Remedial Design complete: Not reported
Remedial Action Start: Not reported
Remedial Action Completed: Not reported
Date Operation and Maintenance Started: Not reported
GW monitoring: Not reported
Remediation complete Approved DEP/Verified by LEP: Not reported
Order Id: Not reported
Order Number: Not reported
Date order issued: Not reported
Staff Assigned: Not reported
Type of Order: Not reported
Order Responded: Not reported
Admin Appeal Date: Not reported
Date of Admin Appeal Ruling: Not reported
Date of Admin Appeal Ruling: Not reported
Date of Final Order: Not reported
Date of Court Appeal: Not reported
Date of Court Ruling: Not reported
Date of Court Ruling: Not reported
Date Completed: Not reported
Date Referred to AG: Not reported
Judgement: Not reported
Date of AGO judgement: Not reported
Penalty assessed: Not reported
Order Complete: Not reported
In compliance: Not reported
Green Comment: Not reported
Comments: Not reported

MAP FINDINGS

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
21 ENE 1/4-1/2 0.464 mi. 2451 ft.	OIL/CHEMICAL SPILLS 1133883/663856 , CT	LWDS	S108314166 N/A

Relative: Lower

Actual: 569 ft.

LWDS:

ArcView Legend Symbology:	SPILL
Leachate and Wastewater Number:	3207003
Status of the Discharge Activity:	INACTIVE
Leachate and Waste Flow:	GROUND
Feature Number on Hazardous Waste List:	0
Subregional Basin Feature Number:	3207
Name:	Mansfield
Alias:	Not reported
Description:	petroleum leak
Description 2:	Not reported
State Plane x:	1133883
State Plane y:	663856

Map ID / Direction / Distance / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
22 South 1/2-1 0.839 mi. 4431 ft.	LANDFILL 1131296/658242 , CT	LWDS	S108313970 N/A

Relative: Lower

Actual: 563 ft.

LWDS:

ArcView Legend Symbology:	LANDFILL
Leachate and Wastewater Number:	3100014
Status of the Discharge Activity:	ACTIVE
Leachate and Waste Flow:	GROUND
Feature Number on Hazardous Waste List:	0
Subregional Basin Feature Number:	3100
Name:	UCONN
Alias:	Not reported
Description:	active mixed waste landfill/closed hazardous waste lagoons
Description 2:	Not reported
State Plane x:	1131296
State Plane y:	658242

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COUNTY	1007913496	TOWN OF MANSFIELD DPW	230 FLOYERVILLE RD STORRS	06268	MANIFEST
COUNTY	1007954699	MANSFIELD MM	JCT RTE 195 / 32 STORRS	06250	MANIFEST
MANSFIELD	S109434142	UCONN ORCHARD	ROUTE 195		SPILLS, SDADB
MANSFIELD	1007889027	CITY LINE GULF	ROUTE 32		MANIFEST
MANSFIELD	1007901495	SMYTH BUS	RT 32 / 195		MANIFEST
MANSFIELD	1007943831	C WHITE & SONS	RT 32 + 195		MANIFEST
MANSFIELD	94426263	RT 44 & CEDAR SWAMP ROAD	RT 44 & CEDAR SWAMP ROAD		ERNS
MANSFIELD	1007823644	MARTY'S CITGO	ROUTE 44		MANIFEST
MANSFIELD	1007933524	MANSFIELD TRAINING SCHOOL	RT 44		MANIFEST
MANSFIELD	1007950246	UNIVERSITY OF CONNECTICUT CHAPLIN HOUSE	ROUTE 44		MANIFEST
MANSFIELD	S106254202	MANSFIELD DEPOT	ROUTE 44		SDADB
MANSFIELD	S106254200	DAPL BULK FACILITY	ROUTE 44		SDADB
MANSFIELD	1007916277	STATE OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION	ROUTE 44A		MANIFEST
MANSFIELD	1007876353	EXXON CO USA	RT 44A / 195		MANIFEST
MANSFIELD	1007960295	MANSFIELD TOWN OF	ROUTE 89	06250	MANIFEST
MANSFIELD	1007937700	GATEWAY ENVIRONMENTAL SERVICES (NORTH EAST)	RTE 89 - MANSFIELD CTR		MANIFEST
MANSFIELD	1007897865	DOT MAINTAINT GARAGE	RT 89 BLDG # 61-206		MANIFEST
MANSFIELD	S107795325		ROUTE 89 (WARRENVILLE ROAD)		SWF/LF
MANSFIELD	1007440540	TOWN OF MANSFIELD SANITARY LANDFILL	RT 89 AT JUNCTION WITH WORMWOOD HILL ROAD		OCI
MANSFIELD	S105147274	MANSFIELD SW LANDFILL ROUTE 89	ROUTE 89		SDADB
MANSFIELD	S101995357		BEHIND JUNELL DORM		SWF/LF
MANSFIELD	S107660495		BEHIND SEWAGE TREATMENT PLANT		SWF/LF
MANSFIELD	S105147222	CEMETARY ROAD LANDFILL	CEMETARY ROAD		SDADB
MANSFIELD	S103541212	SNET	UCONN CAMPUS		SPILLS, CT PROPERTY, SDADB
MANSFIELD	S104560495		WARRENVILLE ROAD (RT 89)		SWF/LF
STORRS	1005407842	SOUTHERN NEW ENGLAND TELE CO	RTE 195	06268	FINDS, RCRA-NonGen
STORRS	1007631449	XTRA MART	ROUTE 195	06268	MANIFEST
STORRS	1007960253	MANSFIELD X-TRA MART	ROUTE 195 / 32	06268	MANIFEST
STORRS	1003220070	REXWOOD MANSFIELD ASSOCIATES	ROUTE 195 (LAUNDRY ROOM)	06268	MANIFEST
STORRS	1001457011	C V S 0765	RTE 44 & MANSFIELD SHOPPING	06268	RCRA-SQG, FINDS, MANIFEST
STORRS	1007258734	RALPH KROOPNICK	RTE 44 (MANSFIELD SHPPNG CNTR)	06268	MANIFEST
STORRS	1007655580	C V S	ROUTE 44 MANSFIELD SHOPPING CTR	06268	MANIFEST
STORRS	1003220419	CVS	ROUTE 44 MANSFIELD SHOPPING CT	06268	MANIFEST
STORRS	S108325044	MOTOR POOL BUILDING - STORRS CAMPUS	9 N. HILLSIDE RD UNIT 3016	06268	NPDES
STORRS MANSFIELD	U003220469	EXXON 3-5775	ROUTE 44A	06268	UST
WILLINGTON	1000256265	KARNOS PROPERTY	ROUTE 74	06279	CERCLIS, SHWS, FINDS, SDADB
WILLINGTON	1000255510	WILLINGTON DOT GARAGE	INTERSECTION OF ROUTES 32 & 74	06279	CERCLIS, SHWS, FINDS, SDADB
WILLINGTON	1000255509	WILLINGTON MUNICIPAL LANDFILL	MOOSE MEADOW ROAD	06279	CERCLIS, SHWS, FINDS, SDADB

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 02/08/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 38

Source: EPA
Telephone: N/A
Last EDR Contact: 04/28/2008
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 02/04/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 42

Source: EPA
Telephone: N/A
Last EDR Contact: 04/28/2008
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 02/08/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 38

Source: EPA
Telephone: N/A
Last EDR Contact: 04/28/2008
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/09/2008
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 15

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 04/25/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 76

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/05/2008
Date Data Arrived at EDR: 03/07/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/15/2008
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/02/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 34

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non Generators
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non Generators do not presently generate hazardous waste.

Date of Government Version: 03/06/2008
Date Data Arrived at EDR: 03/06/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create passively stimulation for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls
A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Varies

ERNS: Emergency Response Notification System
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 54

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/21/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/31/2007
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 60

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Annually

DOT OPS: Incident and Accident Data
Department of Transportation, Office of Pipeline Safety Incident and Accident data

Date of Government Version: 02/14/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 22

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/27/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Varies

CDL: Clandestine Drug Labs
A listing of clandestine drug laboratories. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/28/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites
Included in the listing are brownfields properties addressed by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities—especially those without EPA Brownfields Assessment Demonstration Pilots—minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients: States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields related cleanup activities.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/17/2008
Date Made Active in Reports: 05/20/2008
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 04/03/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/09/2008
Next Scheduled EDR Contact: 08/04/2008
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 08/31/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 41

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 04/03/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Varies

LUCIS: Land Use Control Information System
LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Court after settlement by parties to litigation matters.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/23/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Varies

ROD: Records Of Decision
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/16/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remained after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low, however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/13/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites located on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 12/26/2007
Date Data Arrived at EDR: 12/26/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 27

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 06/08/2004
Date Made Active in Reports: 07/12/2004
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/08/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

MINES: Mines Master Index File
Contains all active identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/07/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 04/16/2008
Number of Days to Update: 23

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/26/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/29/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/28/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/28/2008
Date Data Arrived at EDR: 03/18/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/14/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 05/09/2008
Next Scheduled EDR Contact: 08/04/2008
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/28/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 05/01/2008
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/08/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 28

Source: EPA
Telephone: (617) 918-1111
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/13/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS: Inventory of Hazardous Disposal Sites
State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 02/15/2008
Date Data Arrived at EDR: 02/14/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 860-424-3721
Last EDR Contact: 05/12/2008
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: Varies

SDADB: Site Discovery and Assessment Database
All sites reported to Permitting, Enforcement, and Remediation Division where it is suspected that hazardous waste may have been disposed of sites that are eligible for listing on the State Inventory of Hazardous Waste Disposal Sites.

Date of Government Version: 02/13/2008
Date Data Arrived at EDR: 02/14/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 860-424-3721
Last EDR Contact: 05/12/2008
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: Semi-Annually

SWF/LF: List of Landfills/Transfer Stations
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/23/2008
Date Data Arrived at EDR: 03/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 10

Source: Department of Environmental Protection
Telephone: 860-424-3366
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Annually

SWRCY: Recycling Facilities
A listing of recycling facilities.

Date of Government Version: 01/23/2008
Date Data Arrived at EDR: 03/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 10

Source: Department of Environmental Protection
Telephone: 860-424-3723
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

LUST: Leaking Underground Storage Tank List
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 02/19/2008
Date Data Arrived at EDR: 02/28/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 18

Source: Department of Environmental Protection
Telephone: 860-424-3376
Last EDR Contact: 04/28/2008
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: Semi-Annually

LWDS: Connecticut Leachate and Wastewater Discharge Sites
The Leachate and Waste Water Discharge Inventory Data Layer (LWDS) includes point locations digitized from Leachate and Wastewater Discharge Source maps compiled by the Connecticut DEP. These maps locate surface and groundwater discharges that (1) have received a waste water discharge permit from the state or (2) are historic and now defunct waste sites or (3) are locations of accidental spills, leaks, or discharges of a variety of liquid or solid wastes.

Date of Government Version: 04/20/2002
Date Data Arrived at EDR: 02/12/2007
Date Made Active in Reports: 02/16/2007
Number of Days to Update: 4

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 05/07/2008
Next Scheduled EDR Contact: 08/04/2008
Data Release Frequency: Varies

UST: Underground Storage Tank Data
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/28/2008
Date Data Arrived at EDR: 03/28/2008
Date Made Active in Reports: 04/23/2008
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 860-424-3376
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Semi-Annually

AST: Marine Terminals and Tank Information
A listing of bulk petroleum facilities that receive petroleum by a vessel.

Date of Government Version: 10/26/2004
Date Data Arrived at EDR: 10/28/2004
Date Made Active in Reports: 12/09/2004
Number of Days to Update: 42

Source: Department of Environmental Protection
Telephone: 860-424-3733
Last EDR Contact: 04/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a disposal facility.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/30/2007
Number of Days to Update: 60

Source: Department of Environmental Protection
Telephone: 860 424-3375
Last EDR Contact: 03/14/2008
Next Scheduled EDR Contact: 06/05/2008
Data Release Frequency: Annually

SPILLS: Oil & Chemical Spill Database
Oil and Chemical Spill Data.

Date of Government Version: 02/20/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: 860 424-3024
Last EDR Contact: 04/28/2008
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: Semi-Annually

AUL: ELUR Sites
Environmental Land Use Restriction sites.

Date of Government Version: 03/03/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 860 424-3705
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Varies

VCP: Voluntary Remediation Sites
Sites involved in the Voluntary Remediation Program.

Date of Government Version: 02/13/2008
Date Data Arrived at EDR: 02/14/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 860-424-3705
Last EDR Contact: 05/12/2008
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facilities
A listing of drycleaner facility locations.

Date of Government Version: 10/18/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 12/27/2006
Number of Days to Update: 37

Source: Department of Environmental Protection
Telephone: 860 424-3020
Last EDR Contact: 04/07/2008
Next Scheduled EDR Contact: 07/07/2008
Data Release Frequency: Varies

BROWNFIELDS: Brownfields Inventory
CBRA has identified over 200 brownfield sites eligible for redevelopment. In most cases these are prime properties for commercial or industrial use. CBRA's grants, assistance and financing lower the financial risks and eliminate the legal, regulatory and environmental risks of redevelopment.

Date of Government Version: 02/06/2008
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: Connecticut Brownfields Redevelopment Authority
Telephone: 860-256-7833
Last EDR Contact: 05/05/2008
Next Scheduled EDR Contact: 07/14/2008
Data Release Frequency: Varies

CDL: Clandestine Drug Lab Listing
A listing of clandestine drug lab locations included in the Spills database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/20/2008
Date Data Arrived at EDR: 02/21/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: 860-424-3361
Last EDR Contact: 04/28/2008
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: Quarterly

ENFORCEMENT: Enforcement Case Listing
The types of enforcement actions included are administrative consent orders, final unilateral orders and final dispositions of civil cases through the Attorney General's Office.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/11/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 860-424-3265
Last EDR Contact: 05/12/2008
Next Scheduled EDR Contact: 08/11/2008
Data Release Frequency: Varies

NPDES: Wastewater Permit Listing
A listing of permits issued by the DEP.

Date of Government Version: 01/22/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/29/2008
Number of Days to Update: 6

Source: Department of Environmental Protection
Telephone: 860-424-3037
Last EDR Contact: 05/05/2008
Next Scheduled EDR Contact: 07/21/2008
Data Release Frequency: Varies

AIRS: Permitted Air Sources Listing
A listing of permitted air sources in Connecticut.

Date of Government Version: 10/02/2007
Date Data Arrived at EDR: 10/03/2007
Date Made Active in Reports: 12/05/2007
Number of Days to Update: 63

Source: Department of Environmental Protection
Telephone: 860-424-3026
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

CT PROPERTY: Property Transfer Filings
A listing of sites that meet the definition of a hazardous waste establishment. They can be generators, dry cleaners, furniture strippers, etc. These sites have been sold to another owner.

Date of Government Version: 02/13/2008
Date Data Arrived at EDR: 02/14/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 860-424-3789
Last EDR Contact: 05/12/2008
Next Scheduled EDR Contact: 07/28/2008
Data Release Frequency: Semi-Annually

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administrated lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/09/2008
Next Scheduled EDR Contact: 08/04/2008
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 02/25/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/25/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming

Date of Government Version: 07/20/2006
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 13

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 02/26/2008
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 17

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/21/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 23

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R4: Underground Storage Tanks on Indian Land
No description is available for this data.

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40

Source: EPA Region 4
Telephone: 404-562-8424
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
No description is available for this data.

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
No description is available for this data.

Date of Government Version: 02/26/2008
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 17

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
No description is available for this data.

Date of Government Version: 02/25/2008
Date Data Arrived at EDR: 02/27/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 23

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land
No description is available for this data.

Date of Government Version: 12/21/2007
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 34

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/21/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
No description is available for this data.

Date of Government Version: 07/20/2006
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 13

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 02/21/2006
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/26/2008
Number of Days to Update: 23

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, resin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

NJ MANIFEST: Manifest Information
Hazardous waste manifest information

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 12/04/2007
Date Made Active in Reports: 12/31/2007
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/30/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/15/2008
Date Data Arrived at EDR: 02/28/2008
Date Made Active in Reports: 04/09/2008
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/28/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/10/2008
Number of Days to Update: 20

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RI MANIFEST: Manifest Information
Hazardous waste manifest information

Date of Government Version: 10/01/2007
Date Data Arrived at EDR: 11/09/2007
Date Made Active in Reports: 01/15/2008
Number of Days to Update: 67

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 04/08/2008
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 05/12/2008
Next Scheduled EDR Contact: 08/11/2008
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 06/08/2007
Number of Days to Update: 42

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 04/07/2008
Next Scheduled EDR Contact: 07/07/2008
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is believed to by USGS as GeoData Digital Line Graphs from 1:100,000 Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information employed by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been obtained with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Child Care Facilities
Source: Department of Public Health
Telephone: 860-509-8045

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Soils
Source: Department of Environmental Protection
Telephone: 860-871-4047

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1660 STORRS ROAD
1660 STORRS ROAD
MANSFIELD, CT 06268

TARGET PROPERTY COORDINATES

Latitude (North):	41.82760 - 41° 49' 39.4"
Longitude (West):	72.2666 - 72° 15' 59.8"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	726999.6
UTM Y (Meters):	4634034.5
Elevation:	622 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	41072-G3 COVENTRY, CT
Most Recent Revision:	1993
East Map:	41072-G2 SPRING HILL, CT
Most Recent Revision:	1993

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

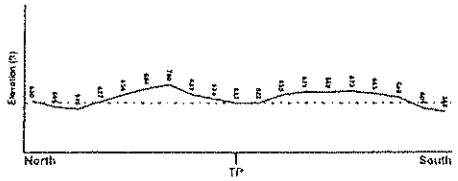
TOPOGRAPHIC INFORMATION

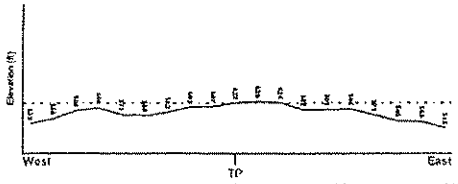
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 622 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
TOLLAND, CT	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0901280005C

Additional Panels in search area: 0901580020A

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SOUTH COVENTRY	Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

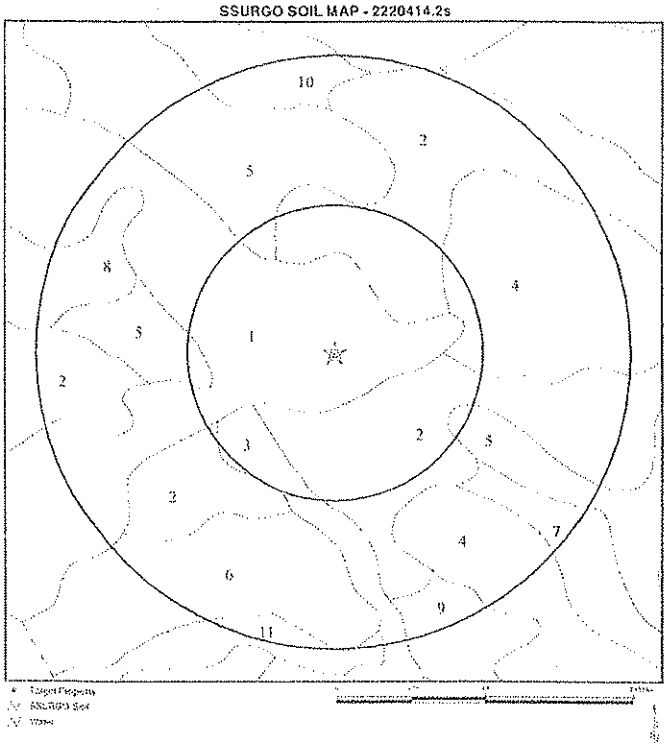
Era:	Paleozoic
System:	Devonian and Silurian
Series:	Devonian and Silurian
Code:	DSs *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Surficial Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.C. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2220414.2s



SITE NAME: 1669 Storrs Road ADDRESS: 1669 Storrs Road Mansfield CT 06268 LAT/LONG: 41.8726 / 72.2066	CLIENT: Pennoni Associates, Inc. CONTACT: Jeff Brunelle INQUIRY #: 2220414.2s DATE: May 15, 2008 3:52 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urbanhorts

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

Layer	Boundary Upper	Boundary Lower	Soil Texture Class	Classification AASHTO Group	Classification Unified Soil	Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	5 inches	loam	Silt-Clay Materials (more than 35 pct passing No. 200). Silty Soils.	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand.	Max: 703 Min: 0.01	Max: 7.8 Min: 4.5
2	5 inches	21 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200). Silty Soils.	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand	Max: 703 Min: 0.01	Max: 7.8 Min: 4.5
3	21 inches	75 inches	very gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200). Silty Soils.	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand.	Max: 703 Min: 0.01	Max: 7.8 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Woodridge

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information

Layer	Boundary Upper	Boundary Lower	Soil Texture Class	Classification AASHTO Group	Classification Unified Soil	Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct passing No 200). Silty Soils.	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand.	Max: 14 Min: 0.01	Max: 6 Min: 4.5
2	7 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct passing No 200). Silty Soils.	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand.	Max: 14 Min: 0.01	Max: 6 Min: 4.5
3	18 inches	29 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct passing No 200). Silty Soils.	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand.	Max: 14 Min: 0.01	Max: 6 Min: 4.5
4	29 inches	29 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No 200). Silty Soils.	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand	Max: 14 Min: 0.01	Max: 6 Min: 4.5
5	29 inches	42 inches	gravelly fine sandy loam	Silt-Clay Materials (more than 35 pct passing No 200). Silty Soils.	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand	Max: 14 Min: 0.01	Max: 6 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information

Layer	Boundary Upper	Boundary Lower	Soil Texture Class	Classification AASHTO Group	Classification Unified Soil	Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
6	42 inches	64 inches	gravelly fine sandy loam	Silt-Clay Materials (more than 35 pct passing No. 200). Silty Soils.	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand.	Max: 14 Min: 0.01	Max: 6 Min: 4.5

Soil Map ID: 3

Soil Component Name: Sulton

Soil Surface Texture: moderately decomposed plant material

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information

Layer	Boundary Upper	Boundary Lower	Soil Texture Class	Classification AASHTO Group	Classification Unified Soil	Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	1 inches	moderately decomposed plant material	A-8	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand	Max: 42 Min: 14	Max: 6 Min: 4.5
2	1 inches	5 inches	fine sandy loam	A-8	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand	Max: 42 Min: 14	Max: 6 Min: 4.5
3	5 inches	11 inches	fine sandy loam	A-8	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand	Max: 42 Min: 14	Max: 6 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information

Layer	Boundary Upper	Boundary Lower	Soil Texture Class	Classification AASHTO Group	Classification Unified Soil	Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
4	11 inches	23 inches	fine sandy loam	A-8	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand	Max: 42 Min: 14	Max: 6 Min: 4.5
5	23 inches	27 inches	fine sandy loam	A-8	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand	Max: 42 Min: 14	Max: 6 Min: 4.5
6	27 inches	35 inches	gravelly fine sandy loam	A-8	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand	Max: 42 Min: 14	Max: 6 Min: 4.5
7	35 inches	64 inches	gravelly sandy loam	A-8	COARSE-GRAINED SOILS. Sands, Sands with fines, Silty Sand	Max: 42 Min: 14	Max: 6 Min: 4.5

Soil Map ID: 4

Soil Component Name: Paxton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information

Layer	Boundary Upper	Boundary Lower	Soil Texture Class	Classification AASHTO Group	Classification Unified Soil	Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200). Silty Soils.	FINE-GRAINED SOILS. Silts and Clays (liquid limit less than 50%). Silt	Max: 141 Min: 0.01	Max: 6 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary		Classification			Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	7 inches	14 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), sm	Max: 141 Min: 0.01	Max: 6 Min: 4.5
3	14 inches	25 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No 200), Silty Soils	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), sm	Max: 141 Min: 0.01	Max: 6 Min: 4.5
4	25 inches	64 inches	gravelly fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No 200), Silty Soils	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), sm	Max: 141 Min: 0.01	Max: 6 Min: 4.5

Soil Map ID: 5

Soil Component Name: Ridgebury

Soil Surface Texture: slightly decomposed plant material

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary		Classification			Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	1 inches	slightly decomposed plant material	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
2	1 inches	5 inches	fine sandy loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
3	5 inches	14 inches	fine sandy loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
4	14 inches	20 inches	fine sandy loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
5	20 inches	59 inches	sandy loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5

Soil Map ID: 6

Soil Component Name: Canton

Soil Surface Texture: moderately decomposed plant material

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary		Classification			Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	1 inches	moderately decomposed plant material	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 141 Min: 42	Max: 6 Min: 3.5
2	1 inches	3 inches	gravelly fine sandy loam	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 141 Min: 42	Max: 6 Min: 3.5
3	3 inches	14 inches	gravelly loam	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 141 Min: 42	Max: 6 Min: 3.5
4	14 inches	24 inches	gravelly loam	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 141 Min: 42	Max: 6 Min: 3.5
5	24 inches	29 inches	gravelly loam	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 141 Min: 42	Max: 6 Min: 3.5
6	29 inches	60 inches	very gravelly loamy sand	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 141 Min: 42	Max: 6 Min: 3.5

Soil Map ID: 7

Soil Component Name: Woodbridge

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary		Classification			Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No 200), Silty Soils	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
2	7 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No 200), Silty Soils	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
3	18 inches	25 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
4	25 inches	29 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
5	29 inches	42 inches	gravelly fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
6	42 inches	64 inches	gravelly fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No 200), Silty Soils	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5

Soil Map ID: 8

Soil Component Name: Teneriffe

Soil Surface Texture: muck

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Waterable Min: > 0 inches

Soil Layer Information

Layer	Boundary Upper	Boundary Lower	Soil Texture Class	Classification AASHTO Group	Classification Unified Soil	Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	10 inches	muck	A-8	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 703 Min: 42	Max: 7.3 Min: 5.1
2	10 inches	20 inches	muck	A-8	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 703 Min: 42	Max: 7.3 Min: 5.1
3	20 inches	24 inches	muck	A-8	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 703 Min: 42	Max: 7.3 Min: 5.1
4	24 inches	37 inches	muck	A-8	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 703 Min: 42	Max: 7.3 Min: 5.1
5	37 inches	47 inches	very gravelly loamy coarse sand	A-8	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 703 Min: 42	Max: 7.3 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information

Layer	Boundary Upper	Boundary Lower	Soil Texture Class	Classification AASHTO Group	Classification Unified Soil	Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
6	47 inches	59 inches	gravelly loamy very fine sand	A-8	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 703 Min: 42	Max: 7.3 Min: 5.1

Soil Map ID: 9

Soil Component Name: Woodbridge

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Waterable Min: > 61 inches

Soil Layer Information

Layer	Boundary Upper	Boundary Lower	Soil Texture Class	Classification AASHTO Group	Classification Unified Soil	Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
2	7 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information

Layer	Boundary Upper	Boundary Lower	Soil Texture Class	Classification AASHTO Group	Classification Unified Soil	Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
3	18 inches	25 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
4	25 inches	29 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
5	29 inches	42 inches	gravelly fine sandy loam	Silt-Clay Materials (more than 35 pct passing No 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
6	42 inches	64 inches	gravelly fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5

Soil Map ID: 10

Soil Component Name: Woodbridge

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Waterable Min: > 61 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information

Layer	Boundary Upper	Boundary Lower	Soil Texture Class	Classification AASHTO Group	Classification Unified Soil	Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
2	7 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct passing No 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
3	18 inches	25 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
4	25 inches	29 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
5	29 inches	42 inches	gravelly fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5
6	42 inches	64 inches	gravelly fine sandy loam	Silt-Clay Materials (more than 35 pct passing No 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.01	Max: 6 Min: 4.5

Soil Map ID: 11

Soil Component Name: Canton

Soil Surface Texture: moderately decomposed plant material

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary		Classification			Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	1 inches	moderately decomposed plant material	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 141 Min: 42	Max: 6.5in. 3.5
2	1 inches	3 inches	gravelly fine sandy loam	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 141 Min: 42	Max: 6 Min: 3.5
3	3 inches	14 inches	gravelly loam	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 141 Min: 42	Max: 6.5in. 3.5
4	14 inches	24 inches	gravelly loam	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 141 Min: 42	Max: 6 Min 3.5
5	24 inches	29 inches	gravelly loam	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 141 Min: 42	Max: 6.5in. 3.5
6	29 inches	60 inches	very gravelly loamy sand	A-8	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand	Max: 141 Min: 42	Max: 6.5in. 3.5

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

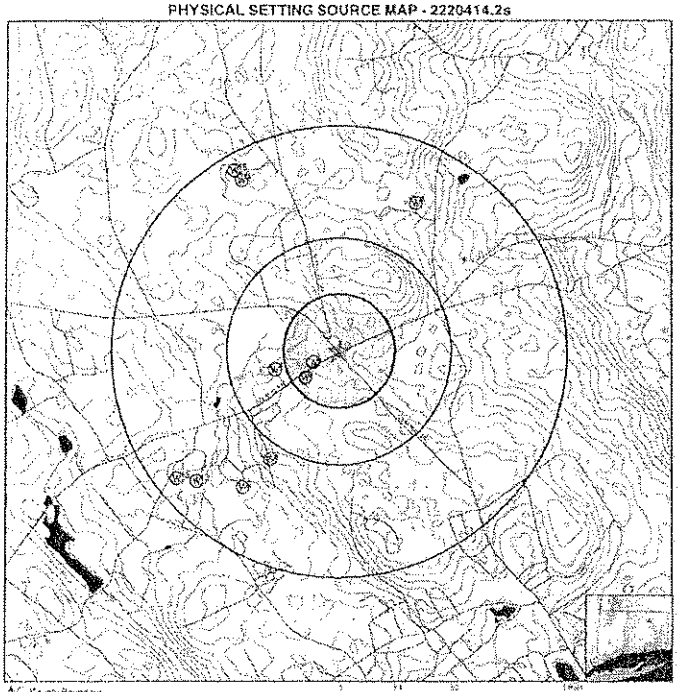
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CTC000000000215	0 - 1/8 Mile WSW
A2	CTC000000000252	1/8 - 1/4 Mile WSW
3	CTNC000000000504	1/8 - 1/4 Mile SW
4	CTNC000000000635	1/4 - 1/2 Mile WSW
5	CTC000000000190	1/2 - 1 Mile SSW
B6	CTC000000000205	1/2 - 1 Mile NNE
C7	CTC000000001306	1/2 - 1 Mile SW
B8	CTC000000000203	1/2 - 1 Mile NNE
C9	CTC000000000223	1/2 - 1 Mile SW
B10	CTC000000000204	1/2 - 1 Mile NNE
D11	CTC000000000188	1/2 - 1 Mile NNW
12	CTC000000000200	1/2 - 1 Mile SW
D13	CTC000000000186	1/2 - 1 Mile NNW
D14	CTC000000000187	1/2 - 1 Mile NNW
15	CTC000000000201	1/2 - 1 Mile SW
16	CTC000000000185	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 2220414.2s



County Boundary
Major Roads
Contours
Groundwater Elevations, Highest to lowest
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons
Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Closed Hydrogeological Basin
EPA Designated Sole Source Aq.

SITE NAME: 1560 Stiers Road ADDRESS: 1560 Stiers Road Mansfield OT 07208 LAT/LONG: 41.6278 / 73.2666	CLIENT: Pennoni Associates, Inc. CONTACT: Jeff Brunelle INQUIRY #: 2220414.2s DATE: May 14, 2008 9:50 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID / Direction / Distance / Elevation	Database	EDR ID Number
A1 WSW 0 - 1/8 Mile Lower	CT WELLS	CTC000000000215

CT Community Well

Well ID:	231	Well Name:	Well 1
Supply System ID:	76027	Supply System Name:	ROSAL APARTMENTS
Source Status:	Inactive	Type:	Drilled
Groundwater Aquifer Type:	Unknown	GIS Date/Method:	1993 DPS - EPA
Depth:	0 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	0	Safe Yield:	0

Map ID / Direction / Distance / Elevation	Database	EDR ID Number
A2 WSW 1/8 - 1/4 Mile Lower	CT WELLS	CTC000000000252

CT Community Well

Well ID:	270	Well Name:	Well 2
Supply System ID:	76027	Supply System Name:	ROSAL APARTMENTS
Source Status:	Active	Type:	Drilled
Groundwater Aquifer Type:	Unknown	GIS Date/Method:	1993 DPS - EPA
Depth:	0 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	0	Safe Yield:	0

Map ID / Direction / Distance / Elevation	Database	EDR ID Number
3 SW 1/8 - 1/4 Mile Higher	CT WELLS	CTNC000000000504

CT Non Community Well

Well ID:	540	Well Name:	Well
Supply System ID:	761202	Supply System Name:	Mansfield Development Co
Source Status:	Active	Type:	Drilled
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	1998 Screen Digitize
Depth:	0 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	0	Safe Yield:	0
New ID:	CT0761202		

Map ID / Direction / Distance / Elevation	Database	EDR ID Number
4 WSW 1/4 - 1/2 Mile Lower	CT WELLS	CTNC000000000635

C1 Non Community Well

Well ID:	538	Well Name:	Well
Supply System ID:	780752	Supply System Name:	Mansfield Professional Park
Source Status:	Active	Type:	Drilled
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	1999 Screen Digitize
Depth:	0 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	0	Safe Yield:	0
New ID	C10780752		

5
SSW
1/2 - 1 Mile
Lower

CT WELLS CTC000000000190

C1 Community Well

Well ID:	204	Well Name:	Well 3
Supply System ID:	78014	Supply System Name:	JENSENS, INC. ROLLING HILLS RESIDENTI
Source Status:	Active	Type:	Drilled
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	2000 Screen Digitize
Depth:	270 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	0	Safe Yield:	.054

B6
NNE
1/2 - 1 Mile
Lower

CT WELLS CTC000000000205

C1 Community Well

Well ID:	220	Well Name:	Well 2
Supply System ID:	160002	Supply System Name:	WILLINGTON OAKS L.L.C.
Source Status:	Active	Type:	Unknown
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	1956 Screen Digitize
Depth:	336 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	6
Pump Capacity:	5	Safe Yield:	.00409

C7
SW
1/2 - 1 Mile
Lower

CT WELLS CTC000000001396

C1 Community Well

Well ID:	1478	Well Name:	Well 5
Supply System ID:	78014	Supply System Name:	JENSENS, INC. ROLLING HILLS RESIDENT L
Source Status:	Active	Type:	Drilled
Groundwater Aquifer Type:	Unknown	GIS Date/Method:	2000 Screen Digitize
Depth:	100 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	0	Safe Yield:	0

Map ID / Direction / Distance / Elevation	Database	EDR ID Number
B8 NNE 1/2 - 1 Mile Lower	CT WELLS	CTC000000000203

C1 Community Well

Well ID:	216	Well Name:	Well 3
Supply System ID:	160002	Supply System Name:	WILLINGTON OAKS L.L.C.
Source Status:	Active	Type:	Unknown
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	1956 Screen Digitize
Depth:	450 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	20	Safe Yield:	.02199

C9
SW
1/2 - 1 Mile
Lower

CT WELLS CTC000000000223

C1 Community Well

Well ID:	230	Well Name:	Well 4
Supply System ID:	78014	Supply System Name:	JENSENS, INC. ROLLING HILLS RESIDENT L
Source Status:	Active	Type:	Drilled
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	2000 Screen Digitize
Depth:	500 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	6
Pump Capacity:	25	Safe Yield:	.027

B10
NNE
1/2 - 1 Mile
Lower

CT WELLS CTC000000000204

C1 Community Well

Well ID:	219	Well Name:	Well 1
Supply System ID:	160002	Supply System Name:	WILLINGTON OAKS L.L.C.
Source Status:	Active	Type:	Unknown
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	1984 Tablet Digitize
Depth:	250 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	15	Safe Yield:	.016

B11
NNW
1/2 - 1 Mile
Lower

CT WELLS CTC000000000189

C1 Community Well

Well ID:	202	Well Name:	Well 4
Supply System ID:	160003	Supply System Name:	WOODHAVEN APARTMENTS
Source Status:	Active	Type:	Unknown
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	1984 Tablet Digitize
Depth:	450 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	25	Safe Yield:	.027

12
SW
1/2 - 1 Mile
Lower

CT WELLS CTC000000000200

C1 Community Well

Well ID:	214	Well Name:	Well 1
Supply System ID:	78010	Supply System Name:	CLUB HOUSE APARTMENTS
Source Status:	Active	Type:	Drilled
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	2000 Screen Digitize
Depth:	320 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	6	Casing Diameter:	0
Pump Capacity:	20	Safe Yield:	.032

D13
NNW
1/2 - 1 Mile
Lower

CT WELLS CTC000000000186

C1 Community Well

Well ID:	200	Well Name:	Well 2
Supply System ID:	160003	Supply System Name:	WOODHAVEN APARTMENTS
Source Status:	Active	Type:	Unknown
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	1984 Tablet Digitize
Depth:	475 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	12	Safe Yield:	.013

D14
NNW
1/2 - 1 Mile
Lower

CT WELLS CTC000000000187

C1 Community Well

Well ID:	201	Well Name:	Well 3
Supply System ID:	160003	Supply System Name:	WOODHAVEN APARTMENTS
Source Status:	Active	Type:	Unknown
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	1984 Tablet Digitize
Depth:	350 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	12	Safe Yield:	.013

15
SW
1/2 - 1 Mile
Lower

CT WELLS CTC000000000201

C1 Community Well

Well ID:	215	Well Name:	Well 2
Supply System ID:	78010	Supply System Name:	CLUB HOUSE APARTMENTS
Source Status:	Emergency	Type:	Drilled
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	2000 Screen Digitize
Depth:	120 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	6	Casing Diameter:	0
Pump Capacity:	28	Safe Yield:	.032

16
NNW
1/2 - 1 Mile
Lower

CT WELLS CTC000000000185

C1 Community Well

Well ID:	199	Well Name:	Well 1
Supply System ID:	160003	Supply System Name:	WOODHAVEN APARTMENTS
Source Status:	Active	Type:	Unknown
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	1984 Tablet Digitize
Depth:	450 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	0	Casing Diameter:	0
Pump Capacity:	6	Safe Yield:	.006

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CT Radon

Radon Test Results

City	Total Tests	< 4 PCi/L	4 < 10 PCi/L	10 < 20 PCi/L	20 < 50 PCi/L	50 < 100 PCi/L	> 100 PCi/L
Ansonia	10	5 (50)	4 (40)	1 (10)	0 (0)	0 (0)	0 (0)
Andover	27	21 (78.3)	15 (15.5)	6 (6.2)	1 (1)	0 (0)	0 (0)
Bolton	10	7(70)	2 (20)	1 (10)	0 (0)	0 (0)	0 (0)
Columbia	11	8 (72.7)	3 (27.3)	0 (0)	0 (0)	0 (0)	0 (0)
Coventry	16	13 (81.25)	1 (6.25)	2 (12.5)	0 (0)	0 (0)	0 (0)
Lebanon	15	13 (76.9)	2 (13.5)	2 (10.5)	0 (0)	0 (0)	0 (0)
Mansfield	100	87 (87)	13 (13)	0 (0)	0 (0)	0 (0)	0 (0)
Somers	2	2 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Stafford Springs	2	2 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Storrs	4	3 (75)	0 (0)	1 (25)	0 (0)	0 (0)	0 (0)
Tolland	15	10 (66.7)	4 (26.7)	1 (6.6)	0 (0)	0 (0)	0 (0)
Vernon	29	24 (82.7)	4 (13.8)	1 (3.5)	0 (0)	0 (0)	0 (0)
West Willington	1	1 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Willington	1	1 (100)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Winchester	34	24 (70.6)	10 (29.4)	0 (0)	0 (0)	0 (0)	0 (0)

Federal EPA Radon Zone for TOLLAND County: 2

Note: Zone 1 indoor average level > 4 pCi/L
Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L
Zone 3 indoor average level < 2 pCi/L

Federal Area Radon Information for Zip Code: 06268

Number of sites tested: 7

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.657 pCi/L	71%	29%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (ORG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Soils
Source: Department of Environmental Protection
Telephone: 860-424-4047

HYDROGEOLOGIC INFORMATION

AQUIFLOW® Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994)

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county national resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Connecticut Leachate and Wastewater Discharge Sites
Source: Department of Environmental Protection
The Leachate and Waste Water Discharge Inventory Data Layer (LWDG) includes point locations digitized from Leachate and Wastewater Discharge Source maps compiled by the Connecticut DEP. These maps locate surface and groundwater discharges that (1) have received a waste water discharge permit from the state or (2) are historic and now defunct waste sites or (3) are locations of accidental spills, leaks, or discharges of a variety of liquid or solid wastes.

EPA-Approved Sole Source Aquifers in Connecticut
Source: EPA
Sole source aquifers are defined as an aquifer designated as the sole or principal source of drinking water for a given aquifer service area; that is, an aquifer which is needed to supply 50% or more of the drinking water for the area and for which there are no irreparable alternative sources should the aquifer become contaminated.

Community and Non-Community Water System Wells
Source: Department of Public Health, Water Supplies Section
Telephone: 860-509-7333
Active, emergency and inactive wells used for potable purposes that are owned and operated by active community and non-community water systems in Connecticut.

OTHER STATE DATABASE INFORMATION

RADON

State Database: CT Radon
Source: Department of Public Health
Telephone: 860-509-7367
Radon Statistical Summary

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and classify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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APPENDIX J

Regulatory Agencies' Documentation

Pennoni

PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

RCHM 0801

May 21, 2008

Mrs. Cristeen Schena
FOIA Officer
EPA Region 1
1 Congress Street, Suite 1000
Boston, MA 02114-2023

RE: Compliance/Regulatory Status

Dear Mrs. Schena:

Pennoni Associates Inc. (Pennoni) is currently conducting an environmental evaluation for a client interested in the properties referenced below:

1660 Storrs Road
643 Middle Turnpike
Storrs Mansfield, CT 06268

In accordance with the Freedom of Information Act, Pennoni requests any information that your department has received regarding illegal waste discharges, underground storage tanks (USTs) and/or aboveground storage tanks (ASTs), environmental contamination, and violations of environmental laws and/or permits at this location and within the immediate vicinity (i.e., adjacent properties). Also, please include any available information or enforcement actions, which may have been taken by the EPA against the current owners and/or the former owners.

Thank you in advance for your assistance with this matter. Please feel free to contact me at (978) 749-9929 if you have any questions or are in need of additional information.

Very truly yours,

PENNONI ASSOCIATES INC.

Jeffrey N. Brunelle
Associate Geologist

C:\Documents and Settings\jbrunelle\Desktop\EPA.docx

100 Burtt Road • Suite 120 • Andover, MA 01810 • Tel: 978•749•9929 • Fax: 978•749•9920
93 Stiles Road • Suite 201 • Salem, NH 03079 • Tel: 603•226•1950 • Fax: 603•226•3235
www.pennoni.com

Pennoni

PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

RCHM 0801

May 21, 2008

Fire Prevention Officer
Eagleville Fire Department
879 Stafford Rd,
Storrs Mansfield 06268

RE: **Records Review Request**

Dear Sir:

Pennoni Associates Inc. (Pennoni) is currently conducting an environmental evaluation for a client interested in the property referenced below:

11660 Storrs Road
643 Middle Turnpike
Storrs Mansfield, CT 06268

In accordance with the Freedom of Information Act, Pennoni requests any information that your department has received regarding illegal waste discharges, underground storage tanks (USTs) and/or aboveground storage tanks (ASTs), environmental contamination, and violations of environmental laws and/or permits at this location and within the immediate vicinity (i.e., adjacent properties). Also, please include any available information or enforcement actions, which may have been taken by the department against the current owners and/or the former owners.

Thank you in advance for your assistance with this matter. Please contact me at (978) 749-9929 if any files exist for the above reference property or if you have any questions or are in need of additional information.

Very truly yours,

PENNONI ASSOCIATES INC.

Jeffrey N. Brunelle
Associate Geologist

C:\Documents and Settings\jbrunelle\Desktop\Fire.docx

100 Burtt Road • Suite 120 • Andover, MA 01810 • Tel: 978•749•9929 • Fax: 978•749•9920
93 Stiles Road • Suite 201 • Salem, NH 03079 • Tel: 603•226•1950 • Fax: 603•226•3235
www.pennoni.com

APPENDIX K

Mansfield Health Department Table of Four Corners Drinking Water Sampling Results

Pennoni

PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

PHASE II ENVIRONMENTAL SITE ASSESSMENT

1660 STORRS ROAD
MANSFIELD, CONNECTICUT

Project No. RCHM 0801

Prepared for:

The Richmond Company, Inc.
23 Concord Street
Wilmington, MA 01887

Prepared by:

Pennoni Associates Inc.
100 Burtt Road, Suite 120
Andover, MA 01810

June 12, 2008

Jeffrey Brunelle
Associate Geologist

Dennis P. Giustra, P.E., LSP
Senior Engineer

EXECUTIVE SUMMARY

Pennoni Associates Inc. (Pennoni) completed a Phase II Environmental Site Assessment, in conformance with the procedures of the American Society for Testing and Materials (ASTM) Standard E1903-97, of the commercial properties located at 1660 Storrs Road and 643 Middle Turnpike in Mansfield, Tolland County, Connecticut (the Site). This report details the environmental information obtained by Pennoni during investigations conducted through June 2008. The available data were used to assess current site conditions with respect to the presence of oil and/or hazardous materials (OHM) and generate additional environmental data for use in evaluating the property.

As part of the Phase II assessment, Pennoni participated in a subsurface investigation of the Site involving the advancement of soil borings, field screening, and related soil and groundwater sampling and analyses. The Phase II investigations revealed the following relevant information:

- In conjunction with a geotechnical investigation, fifteen (15) soil borings were advanced at the Site using truck-mounted, hollow stem auger, drilling equipment. As part of the site assessment, soil samples collected during advancement of the borings were screened in the field for the presence of volatile organic compounds (VOCs) using a photo-ionization detector (PID). Concentrations of VOCs in the samples screened ranged from not detected to 642 ppmv. The highest readings were recorded at soil boring locations B-1 on the Kathy John's property (643 Middle Road), and at P-2 and P-3 in front of the existing service station building at 1660 Storrs Road.

- Based on the field screening results, three (3) subsurface soil samples were collected at respective boring locations (B-1, P-2 and P-3) and analyzed for VOCs and EPH parameters. The analytical results predominantly revealed the presence of VOCs in front of the existing service station building (P-2 and P-3). No VOCs were detected in B-1 and no EPH compounds were detected in any of the samples, except for 2-methylnaphthalene (0.2 mg/kg) in P-3. None of the detected VOC or EPH concentrations exceeded Connecticut DEP direct exposure soil criteria. Four of the VOCs detected in P-3 exceeded DEP pollutant mobility criteria which is consistent with the compounds detected in groundwater in the area.

- Groundwater samples were collected from eight (8) existing monitoring wells at the Site and analyzed for the presence of VOCs. VOCs were predominantly detected in MW-1 and MW-2 in front of the existing service station building. Of the VOCs detected only benzene in MW-2 was found to exceed DEP groundwater protection criteria. No VOCs were detected above laboratory detection limits in MW-3D, MW-3S, MW-5D and MW-5S.

- The presence of OHM at 1660 Storrs Road detected during this investigation is consistent with historical information and most likely can be attributable to the release associated with the former USTs removed in 1990 or operation of the fuel pump island in the vicinity of the borings. As a result, Pennoni believes there is a continuing residual source of groundwater contamination at the Site and a strong likelihood that some contaminated soils will be encountered in this area (and others) during any excavation/site re-development activities. Recommendations to achieve clean site conditions are provided.

TABLE OF CONTENTS

EXECUTIVE SUMMARY i

1.0 INTRODUCTION 1

1.1 Purpose 1
1.2 Limitations and Exceptions of Assessment 2
1.3 Limiting Conditions and Methodologies Used 2

2.0 PHASE II ACTIVITIES 2

2.1 Soil Borings and Monitoring Well Installations 2
2.2 Soil Sampling and Analysis 3
2.3 Groundwater Sampling and Analysis 3

3.0 SUMMARY OF FINDINGS 4

4.0 CONCLUSIONS AND RECOMMENDATIONS 4

FIGURES

Figure 1 – Soil Boring Location Map
Figure 2 – Well Location Map

TABLES

Table 1 – Soil Samples – Summary of Field Screening Results
Table 2 – Soil Samples – Summary of Analytical Results
Table 3 – Groundwater Samples – Summary of Analytical Results

APPENDICES

Appendix A – Test Boring Logs
Appendix B – Soil Laboratory Analytical Report
Appendix C – Groundwater Laboratory Analytical Report

1.0 INTRODUCTION

On behalf of The Richmond Company, Inc., Pennoni Associates Inc. (Pennoni) has prepared the following Phase II Environmental Site Assessment (ESA) Report for the commercial properties located at 1660 Storrs Road and 643 Middle Turnpike in Mansfield, Tolland County, Massachusetts (the Site). The Phase II ESA was conducted (in conjunction with a geotechnical investigation by others) to further assess environmental concerns and conditions at the Site. In May 2008, Pennoni completed a Phase I ESA, which revealed evidence of recognized environmental conditions (RECs) at the Site.

Both properties at 1660 Storrs Road (formerly Republic Oil) and 643 Middle Turnpike (Kathy John's restaurant) are listed on the Connecticut Department of Environmental Protection (DEP) *List of Contaminated or Potentially Contaminated Sites.* In addition, the following properties in the immediate vicinity are also listed by the Connecticut DEP as Contaminated or Potentially Contaminated Sites:

- 1659-1669 Storrs Road, Public America, directly across from the Site to the southwest;
- 632 Middle Turnpike, CVS, across Storrs Road and Middle Turnpike intersection to the south; and
- 650 Middle Turnpike, Subway Development (vacant), across Middle Turnpike to the southeast (current status is "completed").

Each of these properties, including the Site, is in various stages of investigation, and based on conversations with the Connecticut DEP are potentially subject to remediation. Although DEP records information was reviewed as part of the Phase I ESA, Pennoni did not conduct an actual file review at the DEP offices prior to conducting Phase II activities based on the adequacy of the information available from other sources and an indication from the DEP that the information in its files would most likely contain the most recent monitoring results for the Site which Pennoni had already obtained.

The Phase II effort consisted of the advancement of fifteen (15) soil borings using truck-mounted drilling equipment, the collection and field and laboratory analyses of soil samples, and the collection and laboratory analyses of groundwater samples. The physical layout of the Site and the locations of environmental samples are depicted on Figure 1 (Soil Boring Location Map) and Figure 2 (Well Location Map). This report details information obtained by Pennoni in May-June 2008. Pennoni was retained by The Richmond Company, Inc. to conduct the Phase II investigation, pursuant to Pennoni's recommendations as provided in the Phase I ESA Report dated May 23, 2008.

1.1 Purpose

The purpose of a Phase II ESA is typically to evaluate the presence and extent of soil and groundwater contamination that may exist due to RECs identified during an ASTM Phase I investigation of the Site. As defined by ASTM, RECs refer to "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property."

As indicated above, an ASTM Phase I Investigation of the Site was previously conducted by Pennoni, and based on available historical information, the Site is known to have environmental issues, including the presence of OHM in Site soils and groundwater. The Phase II ESA, therefore, was undertaken to assess current site conditions and generate additional environmental data for use in evaluating the property.

1.2 Limitations and Exceptions of Assessment

The Phase II is based on conditions existing at the subject Site at the time of the assessment. Conditions of the Site are subject to variations and changes over time. Conclusions in the Phase II are based on conditions observed and discovered during the Site investigation(s), as well as applicable, current environmental regulations. Future Site activities, regulatory modifications, and agency interpretations may affect the environmental status of the subject property and the conclusions contained herein.

1.3 Limiting Conditions and Methodologies Used

Pennoni conducted the Phase II ESA in general accordance with applicable provisions of ASTM E 1903-97 *Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process.*

2.0 PHASE II ACTIVITIES

2.1 Soil Borings and Monitoring Well Installations.

During the period from May 27-29, 2008, Pennoni was on-Site during the advancement of fifteen (15) soil borings, as part of a geotechnical investigation (for future property redevelopment purposes) and the environmental investigation of the property. The boring locations are shown on Figure 1. The borings were advanced by Miller Engineering, Inc. of Manchester, New Hampshire under contract with The Richmond Company using truck-mounted drilling equipment. Nine (9) soil boring locations (B-1 through B-5 and P-6 through P-8) included in the geotechnical investigation, and six (6) additional the soil borings (RW-1 and P-1 though P-5) were investigated for environmental consideration. The borings ranged in depth from 9.25 feet below ground surface (bgs) in P-2 to 20.5 feet bgs in B-1, B-3 and B-5, respectively. The geotechnical soil borings, primarily located on the Kathy John's property where future re-development is planned, were determined by Miller Engineering. The six additional environmental soil borings were chosen by Pennoni to evaluate potential contaminant migration from across Storrs Road (P-4 and P-5), assess conditions in front of the existing service station building at the Site (P-2 and P-3), and assess conditions downgradient of the former and existing UST locations at 1660 Storrs Road (P-1 and RW-1). Test boring logs for these six borings are included in Appendix A.

Although planned, no new groundwater monitoring wells were installed as part of Phase II activities. Previously information reported by Sovereign Consulting Inc. indicated that one existing monitoring well, MW-3S, could not be sampled during the last sampling round. As a result, Pennoni had planned to replace this well at boring location RW-1; however during the Site investigation it was determined that MW-3S could be sampled following the adequate removal/purging of accumulated sediments and, therefore, no new well was installed.

2.2 Soil Sampling and Analysis

During the advancement of soil borings, soil samples were collected at regular intervals and screened in the field for total volatile organic compounds (VOCs) using a photoionization detector (PID). Soil samples were recovered from each boring using a split-spoon sampler driven through a column of hollow stem augers according to the procedures of the Standard Penetration Test (ASTM D1586-92). The soil samples recovered were inspected and classified in the field by a Pennoni Geologist. PID screening results ranged from not detected above the background level of less than one part per million by volume (ppmv) to 642 ppmv, as shown on Table 1. The highest readings were recorded at B-1 on the Kathy John's property, and at P-2 and P-3 in front of the existing service station building at 1660 Storrs Road.

Based on the field screening results one (1) subsurface soil sample from each of the borings at B-1, P-2 and P-3 was also submitted to Con-Test Analytical in East Longmeadow, Massachusetts for VOC and extractable petroleum hydrocarbon (EPH) analyses. The analytical results predominantly revealed the presence of VOCs in front of the existing service station building. No VOCs were detected in B-1 and no EPH compounds were detected in any of the samples, except for 2-methylnaphthalene (0.2 mg/kg) in P-3. None of the detected VOC or EPH concentrations exceeded Connecticut DEP direct exposure soil criteria. Four of the VOCs detected in P-3 exceeded DEP pollutant mobility criteria, which is consistent with the compounds detected in groundwater in the area. The analytical results are summarized in Table 2. A copy of the complete laboratory analytical report for these samples is provided in Appendix B.

2.3 Groundwater Sampling and Analysis

On May 29, 2008 Pennoni collected groundwater samples from eight (8) existing site monitoring wells (MW-1, MW-2, MW-3D, MW-3S, MW-4, MW-5D, MW-5S and MW-6). The well locations are shown on Figure 2. Prior to sample collection, each well was gauged for the presence of light non-aqueous phase liquid (LNAPL), if any, and depth to water using an electronic oil/water interface probe, capable of measurements to the nearest 0.01 foot. LNAPL was not present in any well. Depth to groundwater ranged from 4.17 feet below ground surface (bgs) in MW-1 to 4.52 feet bgs in MW-4. Local groundwater flow direction has been determined to be to the east–southeast, base on information obtained during Phase I. A wellhead elevation survey was not performed by Pennoni during Phase II.

Following well gauging activities, a minimum of three (3) well volumes was purged from each monitoring well. Groundwater samples were then collected using dedicated, disposable polyethylene bailers. The groundwater samples were submitted to Con-Test for VOC (8260) analyses. VOCs were predominantly detected in MW-1 and MW-2, located in front of the existing service station building at the Site. Of the VOCs detected only benzene in MW-2 was found to DEP groundwater protection criteria. Groundwater underlying the area is classified as GA, a drinking water classification. No VOCs were detected above laboratory detection limits in MW-3D, MW-3S, MW-5D and MW-5S. The analytical results are summarized in Table 3. A copy of the complete laboratory analytical report for these samples is provided in Appendix C.

3.0 SUMMARY OF FINDINGS

The findings of the Phase II ESA, based on Pennoni's observations and the samples collected at the Site, are summarized below.

- Soil samples from fifteen (15) soil borings advanced at locations throughout the Site were screened in the field for the presence of VOCs using a PID. Screening results ranged from not detected to 642 ppmv. The highest readings were recorded at B-1 on the Kathy John's property, and at P-2 and P-3 in front of the existing service station building at 1660 Storrs Road.

- Based on the PID screening results, one subsurface soil sample from B-1, P-2 and P-3 was also submitted to Con-Test Analytical for VOC and EPH analyses. The analytical results predominantly revealed the presence of VOCs in front of the existing service station building. No VOCs were detected in B-1 and no EPH compounds were detected in any of the samples, except for 2-methylnaphthalene (0.2 mg/kg) in P-3. None of the detected VOC or EPH concentrations exceeded Connecticut DEP direct exposure soil criteria. Four of the VOCs detected in P-3 exceeded DEP pollutant mobility criteria.

- Groundwater samples were collected from eight (8) existing monitoring wells at the Site and analyzed for the presence of VOCs. VOCs were predominantly detected in MW-1 and MW-2 in front of the existing service station building. Of the VOCs detected only benzene in MW-2 was found to exceed DEP groundwater protection criteria. No VOCs were detected above laboratory detection limits in MW-3D, MW-3S, MW-5D and MW-5S.

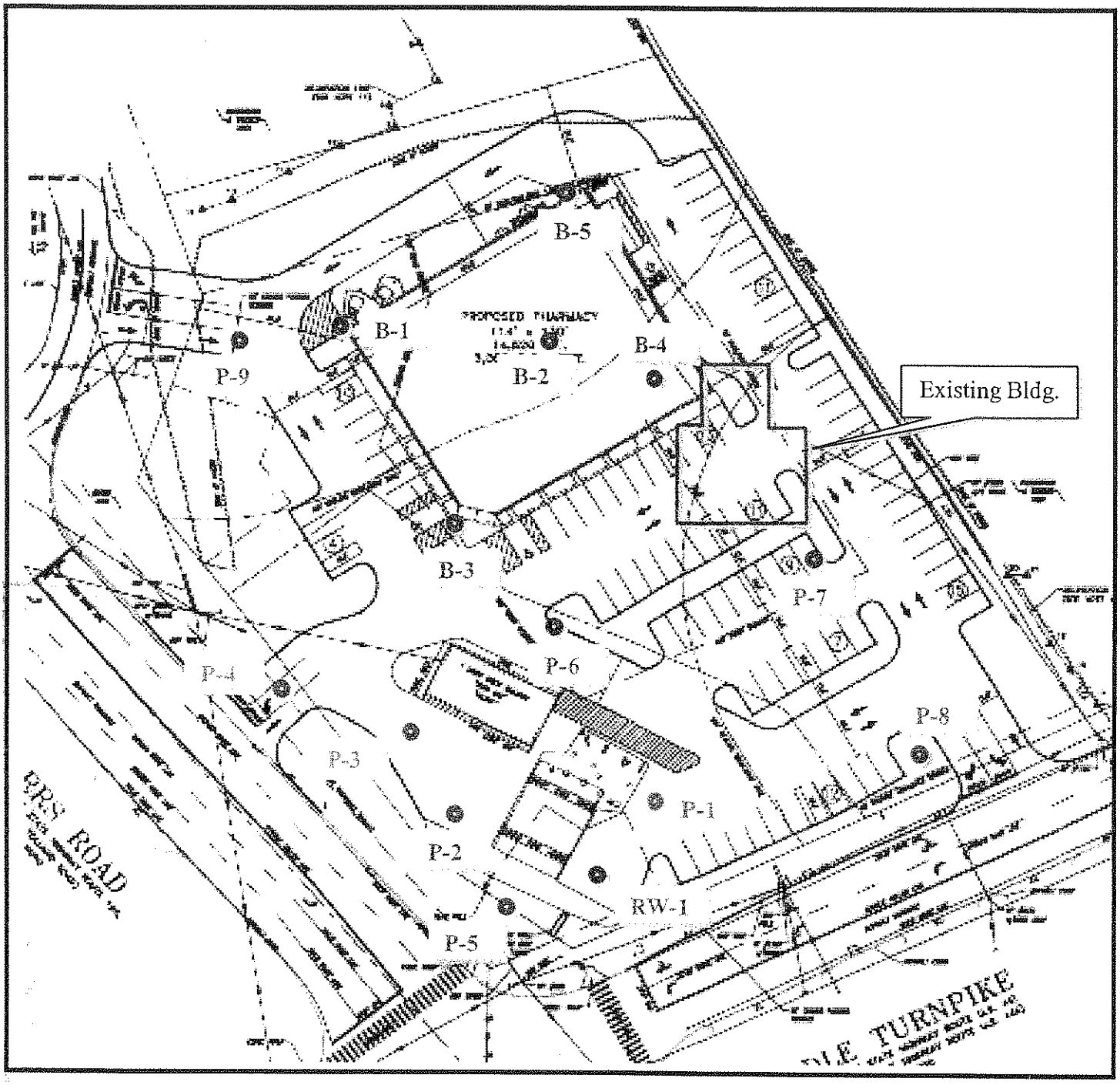
4.0 CONCLUSIONS AND RECOMMENDATIONS

The Phase II investigation of the Site which involved the advancement of soil borings, field screening of subsurface soil samples, and related soil and groundwater sampling and analyses has revealed the limited presence of OHM in the subsurface primarily in front of the existing service station building at the Site. Little to no evidence of OHM was found on the Kathy John's property. Similarly little to no evidence of contaminant migration from potential off-site sources across Storrs Road was found. The presence of OHM at 1660 Storrs Road detected during this investigation is consistent with historical information and most likely can be attributable to the release associated with the former USTs removed in 1990 or operation of the fuel pump island in the vicinity of the borings. Concentrations of VOCs in groundwater are highest in the monitoring wells located in front of the service station building in and near where the former USTs and pump islands were located, and although only concentrations of benzene continue to exceed groundwater protection criteria, Pennoni believes there is a continuing residual source of groundwater contamination at the Site based on the results from the soil samples collected in this area. Additionally, as reported by Sovereign Consulting, total petroleum hydrocarbons were detected during previous investigations in and around the former USTs, a former waste oil tank behind the service station, and the current UST and pump island area. As a result, there is a strong likelihood that some contaminated soils will be encountered in these areas during any excavation/site re-development activities. While Pennoni does not recommend any further investigations related to the Phase II at this time, we believe additional activities will be needed to meet DEP cleanup criteria and close the site.

To effect clean site conditions, Pennoni recommends the removal of up to an additional 500 cubic yards of soil from in front of the service station building for disposal off site, followed by continued groundwater monitoring. The cost associated with soil removal activities including backfill and re-surfacing is estimated at $100,000 while continued groundwater monitoring and reporting on annual basis is on the order of $2,500, not including the installation of any replacement wells. To fully eliminate any potential sources of contamination, consideration should also be given to removing the existing USTs, pump islands, and hydraulic lifts associated with the service station, as well as potentially addressing the former tank locations behind the building, including the septic system. The cost associated with removing the existing tank, pump island and hydraulic lifts is estimated at $75,000, not including the costs associated with any contaminated soil that might be encountered during these activities. Under a worst case scenario should any or all of the above actions not result in a decrease in groundwater concentrations, Pennoni recommends periodic enhanced fluid recovery events to remove and dispose of contaminated groundwater from the Site. The costs associated with these events would be dependent on the amount of groundwater recovered.

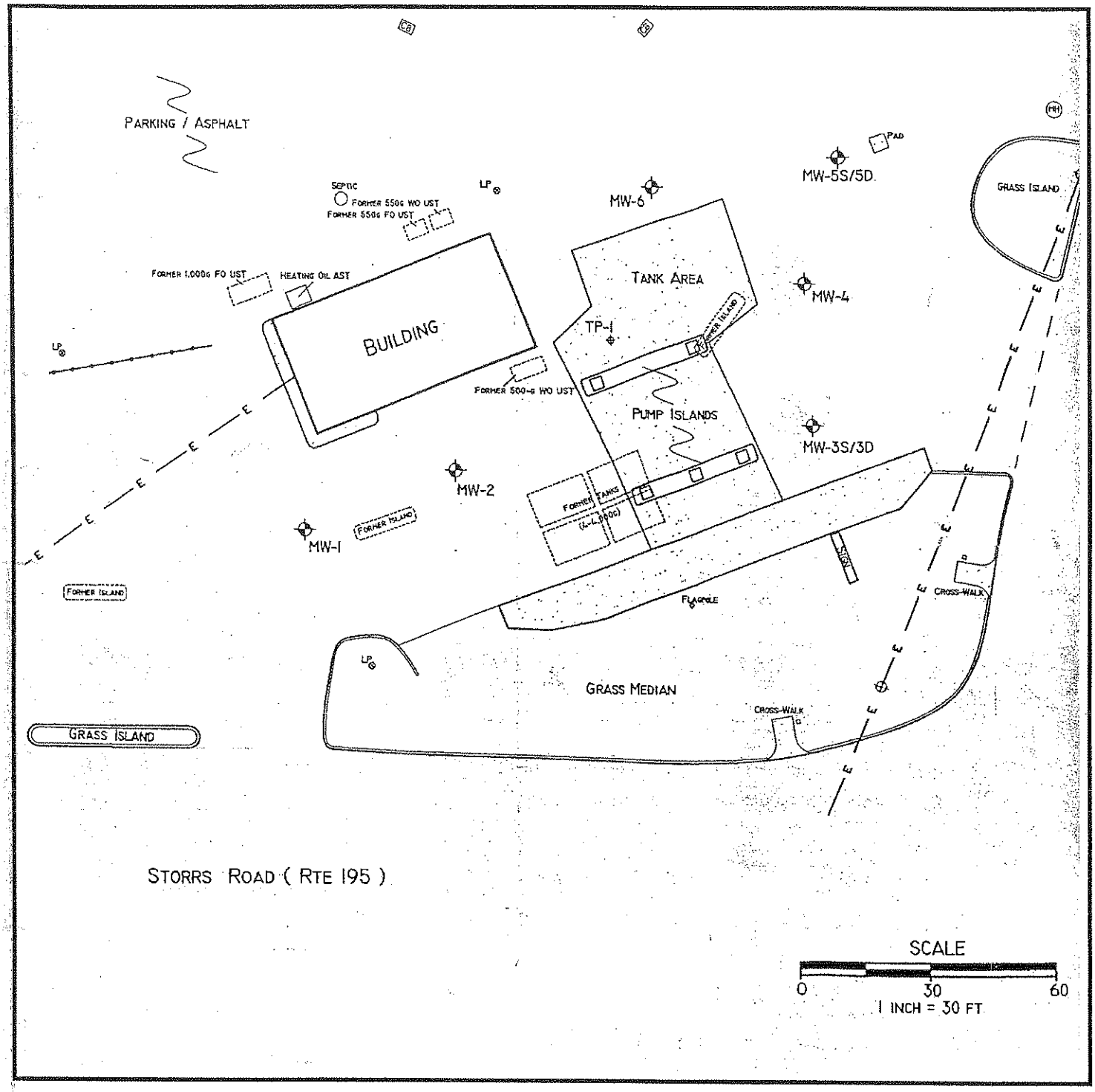
Lastly, it does not appear that the Kathy John's property warrants any similar activities. According to the property owner, a former 1,000-gallon heating oil UST was removed from the Property approximately ten (10) years ago, along with approximately 3 yards of contaminated soil, and the current DEP site status is "closed". It should be noted, however, that even though PID readings and concentrations of one subsequent soil sample from this property were low or not-detected, the highest PID readings were from an area in and around the existing septic field which may present an issue during site re-development.

FIGURES



Pennoni PENNONI ASSOCIATES INC. CONSULTING ENGINEERS	PENNONI ASSOCIATES INC. 100 BURTT ROAD SUITE 120 ANDOVER, MA 01810	PHASE II ENVIRONMENTAL ASSESSMENT **1660 Storrs Road Storrs-Mansfield, CT**
JOB No.: RCHM 0801	SCALE: NOT TO SCALE	SOIL BORING LOCATION PLAN FIGURE 1

NORTH



Pennoni PENNONI ASSOCIATES INC. CONSULTING ENGINEERS	PENNONI ASSOCIATES INC. 100 BURTT ROAD SUITE 120 ANDOVER, MA 01810	PHASE II ENVIRONMENTAL ASSESSMENT **1660 Storrs Road Storrs-Mansfield, CT**
JOB No.: RCHM 0801	SCALE: NOT TO SCALE	WELL LOCATION MAP FIGURE 2

NORTH

TABLES

TABLE 1
Soil Samples - Summary of Field Screening Results
1660 Storrs Road
Mansfield, CT

Depth (ft)	Boring Number														
	B-1	B-2	B-3	B-4	B-5	RW-1	P-1	P-2	P-3	P-4	P-5	P-6	P-7	P-8	P-9
0-2	**1.7**	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**	<1.0	**1.1**	**1.6**
2-4	**3.4**	**11.1**	<1.0	<1.0	**2.8**	<1.0	<1.0	**157**	<1.0	**3.5**	1.0	<1.0	<1.0	<1.0	<1.0
4-6	**21.8**	<1.0	**1.6**	<1.0	<1.0	<1.0	<1.0	**14**	**642**	**1.2**	<1.0	<1.0	<1.0	<1.0	**1.8**
6-8	**51**	<1.0	**6.1**	<1.0	<1.0	<1.0	1.0	**37**	**452**	**11**	<1.0	<1.0	--	<1.0	<1.0
8-10	--	--	--	--	--	<1.0	<1.0	**6.0**	**7.0**	**1.5**	<1.0	<1.0	--	--	--
9-11	**6.8**	<1.0	**2.7**	<1.0	**1.1**	--	--	--	--	--	--	--	<1.0	<1.0	<1.0
14-16	**4.5**	<1.0	**3.8**	**2.3**	<1.0	--	--	--	--	--	--	--	--	--	--
19-21	**5**	<1.0	**1.6**	**20.8**	**5.4**	--	--	--	--	--	--	--	--	--	--

Notes: All results are recorded in parts per million by volume (ppmv.)
Soil samples collected for field screening during the period May 27-29, 2008.

<1.0 Not detected above the instrument detection limt (1.0)

-- Not analyzed

1.7 **Bolded** value indicates detection in field sample.

TABLE 2
Soil Samples - Summary of Analytical Results
1660 Storrs Road
Mansfield, CT

Sample Identification Sample Date Sample Depth (ft.)	B-1 5/28/2008 6-8'	P-2 5/28/2008 2-4'	P-3 5/28/2008 5-7'	CT DEP RSR Regulated Criteria		
				RES DEC	I/C DEC	GA/GAA PMC
VOCs (8260)						
tert-Amylmethyl Ether	<0.001	<0.001	<0.15	NE	NE	NE
Benzene	<0.002	<0.002	<0.29	21	200	0.02
MEK	<0.023	<0.028	<5.8	500	1,000	8
n-Butylbenzene	<0.002	**0.003**	**1.6**	500	1,000	1.4
sec-Butylbenzene	<0.002	<0.002	**0.3**	500	1,000	1.4
tert-Butyl Benzene	<0.002	<0.002	<0.29	500	1,000	1.4
Ethyl Benzene	<0.002	**0.011**	**2.2**	500	1,000	10.1
Isopropyl Benzene	<0.002	<0.002	**0.71**	500	1,000	0.6
MTBE	<0.003	<0.003	<0.58	500	1,000	2
Naphthalene	<0.003	**0.003**	**2.4**	500	2,500	5.6
n-Propylbenzene	<0.002	**0.011**	**2.3**	500	1,000	1.4
Tetrahydrofuran	<0.006	<0.007	<1.5	SS-81	NE	NE
Toluene	<0.002	<0.002	<0.29	500	1,000	20
1,2,4-Trimethylbenzene	<0.002	**0.041**	**12.0**	500	1,000	7
1,3,5-Trimethylbenzene	<0.002	**0.018**	**4.2**	500	1,000	7
Total Xylenes	<0.005	**0.004**	**5.22**	500	1,000	19.5
EPH						
C9 to C18 Aliphatic Hydrocarbons	<34.6	<36.2	<33.7	NE	NE	NE
C19 to C36 Aliphatic Hydrocarbons	<34.6	<36.2	<33.7	NE	NE	NE
C11 to C22 Aromatic Hydrocarbons	<34.6	<36.2	<33.7	NE	NE	NE
Naphthalene	<0.2	<0.2	<0.2	500	2,500	5.6
2-Methylnaphthalene	<0.2	<0.2	**0.2**	474	2,500	0.98
Phenanthrene	<0.2	<0.2	<0.2	1000	2,500	4
Acenaphthene	<0.2	<0.2	<0.2	1000	2,500	8.4

Notes: All results are in milligrams per kilogram (mg/kg).

<0.001	Not detected above the specified laboratory detection limt (0.001)
0.003	**Bolded** value indicates detection in analytical sample.
RSR	Remediation Stanrda Regulations
RES DEC	Residential Direct Exposure Criteria
I/C DEC	Industrial/Commercial Direct Exposure Criteria
GA/GAA	GA or GAA groundwater classification
PMC	Pollutant Mobility Criteria
NE	Not established
SS	No state wide criteria, but site specific criteria available
	Exceeds DEP soil criteria

Table 3
Groundwater Samples - Summary of Analytical Results
1660 Storrs Road
Mansfield, CT

ID	Date	Volatile Organic Compounds (Method 8260)																
		Acetone	tert-Amylmethyl Ether	Benzene	MEK	n-Butylbenzene	sec-Butylbenzene	tert-Butylethyl ether	Ethyl Benzene	Isopropylbenzene	MTBE	Naphthalene	n-Propylbenzene	Tetrahydrofuran	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total xylenes
MW-1																		
	27-Nov-07	<50.0	**2.2**	<1.0	<20.0	**2.9**	**3.5**	**4.1**	**5.1**	**5.2**	**38.6**	<2.0	**18.4**	<10.0	<1.0	**17.5**	**15.5**	<3.0
	29-May-08	**<50.0**	**2.0**	<1.0	<20.0	<1.0	<1.0	**0.7**	**3.9**	**2.6**	**38.9**	<2.0	**6.8**	<10.0	<1.0	**19.1**	**2.7**	<3.0
MW-2																		
	27-Nov-07	<50.0	**3.5**	**79.3**	<20.0	<1.0	<1.0	**12.4**	**352**	**13.5**	**68.6**	**15.6**	**21.6**	<10.0	**46.5**	**46**	**7.8**	**229.8**
	29-May-08	<50.0	**1.1**	**30.7**	<20.0	<1.0	<1.0	**2.3**	**260**	**12.7**	**12.8**	**10.2**	**19.2**	<10.0	**30.4**	**66.8**	**11.9**	**228.6**
MW-3D																		
	27-Nov-07	<50.0	<0.5	<1.0	<20.0	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<2.0	<1.0	<10.0	<1.0	<1.0	<1.0	<3.0
	29-May-08	<50.0	<0.5	<1.0	<20.0	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<2.0	<1.0	<10.0	<1.0	<1.0	<1.0	<3.0
MW-3S																		
	27-Nov-07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	29-May-08	<50.0	<0.5	<1.0	<20.0	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<2.0	<1.0	<10.0	<1.0	<1.0	<1.0	<3.0
MW-4																		
	27-Nov-07	<50.0	<0.5	<1.0	<20.0	<1.0	**1.2**	<0.5	<1.0	<1.0	<1.0	<2.0	<1.0	<10.0	<1.0	<1.0	<1.0	<3.0
	29-May-08	<50.0	<0.5	<1.0	<20.0	<1.0	**3.4**	<0.5	<1.0	<1.0	<1.0	<2.0	<1.0	<10.0	<1.0	<1.0	<1.0	<3.0
MW-5D																		
	27-Nov-07	<50.0	<0.5	<1.0	**4,140**	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<2.0	<1.0	**6,210**	<1.0	<1.0	<1.0	<3.0
	29-May-08	<50.0	<0.5	<1.0	<20.0	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<2.0	<1.0	<10.0	<1.0	<1.0	<1.0	<3.0
MW-5S																		
	27-Nov-07	<50.0	<0.5	<1.0	**30.4**	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<2.0	<1.0	**54.2**	<1.0	<1.0	<1.0	<3.0
	29-May-08	<50.0	<0.5	<1.0	<20.0	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<2.0	<1.0	<10.0	<1.0	<1.0	<1.0	<3.0
MW-6																		
	29-May-08	**93.7**	<0.5	<1.0	**704**	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<2.0	<1.0	**707**	<1.0	<1.0	<1.0	<3.0
	29-May-08	<50.0	<0.5	<1.0	<20.0	<1.0	<1.0	<0.5	**1.0**	**2.4**	<1.0	<2.0	**1.7**	**16.4**	<1.0	<1.0	<1.0	<3.0
CT DEP RSR Regulated Criteria																		
GW Protection Criteria		700	NS	1	61	61	61	NS	1,000	30	100	280	61	NS	700	350	350	530
RV Criteria		50,000	NS	130	1,500	1,500	1,500	NS	7,100	2,800	21,000	NS	NS	NS	2,700	360	280	8,700

Notes: All results are in micrograms per liter (ug/L).
Compounds not detected in all wells are not listed in table.

<50 Not detected above laboratory detection limit (50).
2.2 **Bolded** value indicates detection in analytical sample.
MW Monitoring well.
-- Not analyzed/no sample collected.
NS No standard.
Exceeds DEP groundwater criteria.

APPENDICES

APPENDIX A

Test Boring Logs

PENNONI ASSOCIATES, INC.

Consulting Engineers

TEST BORING LOG

BORING NO.	RW-1
SHEET NO.	1 OF 1
JOB NO.	RCHM 0801
ELEVATION	
DATE STARTED	5/27/2008
DATE FINISHED	5/27/2008
DRILLER	
INSPECTOR	Jeff Brunelle
DRILL RIG	ACKER

PROJECT: 1660 Storrs Road, Storrs Mansfield, CT

CLIENT: Richmond Company

BORING CONTRACTOR: Miller Engineering

GROUNDWATER:

DATE	TIME	WATER DEPTH	REFERENCE	TYPE	CAS	SAMPLE	CORE	TUBE
					HAS	SS		
				DIAZ.	4.25"	2"		
				WT.		140		
				FALL		30"		

WELL CONSTRUCTION

DEPTH (FEET)	SAMPLE NO.	PEN./REC (IN)	BLOWS PER 1/2 FOOT	CLASSIFICATION	PID
0	S-1	18/15	-- 15 14 15	0.5" Asphalt, Brown, fine to medium SAND, some Gravel, trace silt, changing to light brown fine to medium sand, trace silt. Dry	<1.0
	S-2	24/16	12 10 9 12	Brown, fine to medium SAND, little Silt, trace gravel. Moist.	<1.0
5	S-3	8/6	5 50/2" -- --	Grey, fine to medium SAND, some Silt, trace gravel. Wet.	<1.0
	S-4	24/22	10 17 12 15	Tan-grey, fine to mediumm SAND, some Silt, little gravel. Wet.	<1.0
	S-5	24/20	10 17 12 15	Tan, fine to medium SAND, little Gravel and Silt. Wet.	<1.0
10				End of Boring at 10 feet.	
15					
20					
25					
30					

FILENAME: Storrs Logs

PENNONI ASSOCIATES, INC.

Consulting Engineers

TEST BORING LOG

BORING NO.	P-1
SHEET NO.	1 OF 1
JOB NO.	RCHM 0801
ELEVATION	
DATE STARTED	5/28/2008
DATE FINISHED	5/28/2008
DRILLER	
INSPECTOR	Jeff Brunelle
DRILL RIG	ACKER

PROJECT: 1660 Storrs Road, Storrs Mansfield, CT

CLIENT: Richmond Company

BORING CONTRACTOR: Miller Engineering

GROUNDWATER:

DATE	TIME	WATER DEPTH	REFERENCE	TYPE	CAS	SAMPLE	CORE	TUBE
					HAS	SS		
				DIAZ.	2.25	2"		
				WT.		140		
				FALL		30"		

WELL CONSTRUCTION	DEPTH (FEET)	SAMPLE NO.	PEN./REC (IN)	BLOWS PER 1/2 FOOT	CLASSIFICATION	PID
	0	S-1	24/16	-- 14 14 17	2" Asphalt, Brown, fine SAND, little Gravel, trace silt.	<1.0
		S-2	24/16	19 9 8 6	Brown, fine SAND, little Gravel, trace silt.	<1.0
	5	S-3	24/9	4 2 3 3	Brown, fine SAND, trace course sand.	<1.0
		S-4	27/17	2 4 6 12	Brown, fine SAND, changing to Grey-brown, fine SAND, changing to sandy SILT. Wet.	1.0
	10	S-5	24/19	11 10 9 8	Grey, fine SAND, some Silt, trace course sand. Wet.	<1.0
					End of Boring at 10 feet.	
	15					
	20					
	25					
	30					

FILENAME: Storrs Logs

PENNONI ASSOCIATES, INC.

Consulting Engineers

TEST BORING LOG

BORING NO.	P-2
SHEET NO.	1 OF 1
JOB NO.	RCHM 0801
ELEVATION	
DATE STARTED	5/28/2008
DATE FINISHED	5/28/2008
DRILLER	
INSPECTOR	Jeff Brunelle
DRILL RIG	ACKER

PROJECT: 1660 Storrs Road, Storrs Mansfield, CT

CLIENT: Richmond Company

BORING CONTRACTOR: Miller Engineering

GROUNDWATER:

DATE	TIME	WATER DEPTH	REFERENCE	TYPE	CAS	SAMPLE	CORE	TUBE
				HAS	SS			
				DIAZ.	2.25	2"		
				WT.		140		
				FALL		30"		

WELL CONSTRUCTION

DEPTH (FEET)	SAMPLE NO.	PEN./REC (IN)	BLOWS PER 1/2 FOOT	CLASSIFICATION	PID
0	S-1	24/14	-- 7 7 8	2" Asphalt, Brown-tan, fine SAND, trace coarse sand.	<1.0
	S-2	24/18	6 4 6 6	As above, changing to dark brown, fine SAND, little Silt, trace coarse sand. Fuel odor. Moist. ANALYTICAL SAMPLE COLLECTED	157
5	S-3	24/4	5 9 13 18	Dark Brown, fine SAND, trace coarse sand and gravel. Wet.	14
	S-4	24/14	17 16 22 29	Brown, fine SAND, little Silt, trace gravel. Wet.	37
10	S-5	9/7	48 50/3" -- --	Brown, fine SAND, some Gravel, little Silt. Wet.	6.0
				End of Boring at 10 feet.	
15					
20					
25					
30					

FILENAME: Storrs Logs

PENNONI ASSOCIATES, INC.

Consulting Engineers

TEST BORING LOG

BORING NO.	P-3
SHEET NO.	1 OF 1
JOB NO.	RCHM 0801
ELEVATION	
DATE STARTED	5/28/2008
DATE FINISHED	5/28/2008
DRILLER	
INSPECTOR	Jeff Brunelle
DRILL RIG	ACKER

PROJECT: 1660 Storrs Road, Storrs Mansfield, CT

CLIENT: Richmond Company

BORING CONTRACTOR: Miller Engineering

GROUNDWATER:

DATE	TIME	WATER DEPTH	REFERENCE

	CAS	SAMPLE	CORE	TUBE
TYPE	HAS	SS		
DIAZ.	2.25	2"		
WT.		140		
FALL		30"		

WELL CONSTRUCTION

DEPTH (FEET)	SAMPLE NO.	PEN./REC (IN)	BLOWS PER 1/2 FOOT	CLASSIFICATION	PID
0	S-1	24/14	9, 16, 14, 12	Light brown, fine to medium SAND, little Gravel, trace silt.	<1.0
	S-2	24/11	10, 7, 4, 3	Light brown, fine to medium SAND, some Gravel, little Silt.	<1.0
5	S-3	24/14	3, 2, 2, 6	Light brown, fine to medium SAND, little to trace silt, changing to Dark Grey, fine to medium SAND, little to some silte, trace gravel. Fuel odor. ANALYTICAL SAMPLE COLLECTED.	642
	S-4	24/15	4, 20, 22, 15	Dark Grey, fine to medium SAND, little to some silt, trace gravel. Fuel odor.	452
10	S-5	24/20	22, 14, 16, 13	Tan, fine to medium SAND, little Gravel and Silt. Wet.	7.0
				End of Boring at 10 feet.	
15					
20					
25					
30					

FILENAME: Storrs Logs

PENNONI ASSOCIATES, INC.

Consulting Engineers

TEST BORING LOG

BORING NO.	P-4
SHEET NO.	1 OF 1
JOB NO.	RCHM 0801
ELEVATION	
DATE STARTED	5/28/2008
DATE FINISHED	5/28/2008
DRILLER	
INSPECTOR	Jeff Brunelle
DRILL RIG	ACKER

PROJECT: 1660 Storrs Road, Storrs Mansfield, CT

CLIENT: Richmond Company

BORING CONTRACTOR: Miller Engineering

GROUNDWATER:

DATE	TIME	WATER DEPTH	REFERENCE	TYPE	CAS	SAMPLE	CORE	TUBE
				DIAZ.	HAS	SS		
				WT.	2.25	2"		
				FALL		140		
						30"		

WELL CONSTRUCTION

DEPTH (FEET)	SAMPLE NO.	PEN./REC (IN)	BLOWS PER 1/2 FOOT	CLASSIFICATION	PID
0	S-1	24/16	7 11 17 13	2" Asphalt, Dark brown, fine to medium SAND, little Gravel and Silt, changing to Light brown, fine to medium SAND, some Gravel, trace silt.	<1.0
	S-2	24/18	3 4 7 18	Dark brown, fine SAND, some Silt, trace organics, changing to Tan, fine to medium SAND, some Silt, trace gravel.	3.5
5	S-3	24/19	16 15 19 21	Brown, fine SAND, some Silt, trace coarse sand.	1.2
	S-4	24/15	15 21 15 15	Grey, fine to medium SAND, little Gravel and Silt, Wet.	11
10	S-5	24/22	40 34 30 33	Olive-brown, fine SAND, some Silt, trace coarse sand and gravel.	1.5
				End of Boring at 10 feet.	
15					
20					
25					
30					

FILENAME: Storrs Logs

PENNONI ASSOCIATES, INC.

Consulting Engineers

TEST BORING LOG

BORING NO.	P-5
SHEET NO.	1 OF 1
JOB NO.	RCHM 0801
ELEVATION	
DATE STARTED	5/28/2008
DATE FINISHED	5/28/2008
DRILLER	
INSPECTOR	Jeff Brunelle
DRILL RIG	ACKER

PROJECT: 1660 Storrs Road, Storrs Mansfield, CT

CLIENT: Richmond Company

BORING CONTRACTOR: Miller Engineering

GROUNDWATER:

DATE	TIME	WATER DEPTH	REFERENCE	TYPE	CAS	SAMPLE	CORE	TUBE
					HAS	SS		
				DIAZ.	2.25	2"		
				WT.		140		
				FALL		30"		

WELL CONSTRUCTION

DEPTH (FEET)	SAMPLE NO.	PEN./REC (IN)	BLOWS PER 1/2 FOOT	CLASSIFICATION	PID
0	S-1	24/18	3, 6, 5, 4	6" Topsoil, Brown, fine SAND, little to trace Gravel and Silt.	<1.0
	S-2	24/18	2, 2, 2, 4	Brown, fine to medium SAND, little Silt, changing to Tan/grey fine to medium SAND, little Silt, trace gravel. Wet.	1.0
5	S-3	24/24	5, 23, 28, 24	Brown, fine SAND, some Silt, trace Gravel. Wet.	<1.0
	S-4	24/21	25, 37, 26, 33	Tan, fine SAND, little Silt, tace gravel. Wet.	<1.0
	S-5	24/22	21, 17, 19, 19	Orange-brown, fine SAND, little Silt, trace gravel. Wet.	<1.0
10				End of Boring at 10 feet.	
15					
20					
25					
30					

FILENAME: Storrs Logs

APPENDIX B

Soil Laboratory Analytical Report

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ANALYTICAL LABORATORY

39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 6/6/2008

PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810
ATTN: JEFF BRUNELLE

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-16341
JOB NUMBER: RCHM 0801

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report. Results are based on samples as submitted to the laboratory and relate only to the items collected and tested.

PROJECT LOCATION: 1660 STORRS RD, STORRS CT

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	SUBCONTRACT LAB (IF ANY)
B-1	08B19206	SOIL	6 - 8'	8260 dry weight	
B-1	08B19206	SOIL	6 - 8'	eph - solid 04	
B-1	08B19206	SOIL	6 - 8'	solids (percent)	
P-2	08B19207	SOIL	2 - 4'	8260 dry weight	
P-2	08B19207	SOIL	2 - 4'	eph - solid 04	
P-2	08B19207	SOIL	2 - 4'	solids (percent)	
P-3	08B19208	SOIL	5 - 7'	8260 dry weight	
P-3	08B19208	SOIL	5 - 7'	eph - solid 04	
P-3	08B19208	SOIL	5 - 7'	solids (percent)	

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39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

REPORT DATE 6/6/2008

PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810
ATTN: JEFF BRUNELLE

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-16341
JOB NUMBER: RCHM 0801

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report. Results are based on samples as submitted to the laboratory and relate only to the items collected and tested.

Comments :

LIMS BATCH NO. : LIMT-16341

CASE NARRATIVE SUMMARY

Recommended sample holding times were not exceeded for all samples unless listed below:
None Exceeded

All samples for the method(s) listed were received preserved properly in the proper containers at 4°C +/- 2 degrees as specified on the chain-of-custody form unless listed below:
All properly preserved

In method 8260, initial and/or continuing calibration did not meet method specifications. For samples 08B19206 and 08B19207, Acetone, Tert-Butyl Alcohol, 2-Butanone, Tetrahydrofuran, and 1,4-Dioxane was calibrated with a response factor < 0.05. Reduced accuracy and precision are anticipated for any reported result for these compounds.

In method 8260, initial and continuing calibration did not meet method specifications. For sample 08B19208, Tert-Butyl Alcohol and 1,4-Dioxane were calibrated with a response factor < 0.05. Reduced accuracy and precision are anticipated for any reported result for these compounds.

In method 8260, initial calibration did not meet method specifications. For sample 08B19208, Naphthalene and 1,2,3-Trichlorobenzene were calibrated with less than 5 points in the calibration curve

In method 8260, any reported result for Naphthalene in sample 08B19208 is estimated and likely to be biased on the high side based on continuing calibration bias.

In method 8260, for 1,2,4-Trichlorobenzene and 1,2,3-Trichlorobenzene in sample 08B19208, data is not affected by continuing calibration non-conformance since bias is on the high side and all results are "not detected".

There are no other issues which affect the usability of the data.

DETAILED CASE NARRATIVE

EXTRACTABLE PETROLEUM HYDROCARBONS (EPH) MADEP-EPH-04-1.1 ADDITIONAL DETAILS

Solid samples, if any, in the batch were extracted by the following method:
Microwave: SW846 3546

SPE cartridge contamination with non-petroleum compounds, if present, is verified by GC/MS in each method blank per extraction batch and excluded from C11-C22 aromatic range fraction in all samples in the batch.

Target compounds are subtracted from the C11-C22 aromatic range but not from the unadjusted C11-C22 aromatic range.
No significant modifications were made to the method.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations. AIHA

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REPORT DATE 6/6/2008

PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810
ATTN: JEFF BRUNELLE

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-16341
JOB NUMBER: RCHM 0801

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report. Results are based on samples as submitted to the laboratory and relate only to the items collected and tested.
accreditations only apply to NIOSH methods and Environmental Lead Analyses.

AIHA 100033	AIHA ELLAP (LEAD) 100033	NORTH CAROLINA CERT. #652
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	FLORIDA DOH E871027 (AIR)
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Edward Denson 6/6/08

SIGNATURE DATE

Tod Kopyscinski
Director of Operations

Sondra L. Slesinski
Quality Assurance Officer

Edward Denson
Technical Director

* See end of data tabulation for notes and comments pertaining to this sample

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39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

6/6/2008

Purchase Order No.:

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008
Field Sample # : **B-1**

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Sample ID : ***08B19206** ‡Sampled : 5/28/2008
6 - 8'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	05/30/08	MFF	0.058			
Acrylonitrile	mg/kg dry wt	ND	05/30/08	MFF	0.012			
tert-Amylmethyl Ether	mg/kg dry wt	ND	05/30/08	MFF	0.001			
Benzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
Bromobenzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
Bromochloromethane	mg/kg dry wt	ND	05/30/08	MFF	0.002			
Bromodichloromethane	mg/kg dry wt	ND	05/30/08	MFF	0.002			
Bromoform	mg/kg dry wt	ND	05/30/08	MFF	0.002			
Bromomethane	mg/kg dry wt	ND	05/30/08	MFF	0.006			
2-Butanone (MEK)	mg/kg dry wt	ND	05/30/08	MFF	0.023			
tert-Butyl Alcohol	mg/kg dry wt	ND	05/30/08	MFF	0.023			
n-Butylbenzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
sec-Butylbenzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
tert-Butylbenzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
tert-Butylethyl Ether	mg/kg dry wt	ND	05/30/08	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	05/30/08	MFF	0.004			
Carbon Tetrachloride	mg/kg dry wt	ND	05/30/08	MFF	0.002			
Chlorobenzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
Chlorodibromomethane	mg/kg dry wt	ND	05/30/08	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	05/30/08	MFF	0.012			
Chloroform	mg/kg dry wt	ND	05/30/08	MFF	0.003			
Chloromethane	mg/kg dry wt	ND	05/30/08	MFF	0.006			
2-Chlorotoluene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
4-Chlorotoluene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,2-Dibromoethane	mg/kg dry wt	ND	05/30/08	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,2-Dichlorobenzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,3-Dichlorobenzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

6/6/2008

Purchase Order No.:

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008
Field Sample # : **B-1**

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Sample ID : ***08B19206** ‡Sampled : 5/28/2008
6 - 8'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	05/30/08	MFF	0.003			
Dichlorodifluoromethane	mg/kg dry wt	ND	05/30/08	MFF	0.012			
1,1-Dichloroethane	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,2-Dichloroethane	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,1-Dichloroethylene	mg/kg dry wt	ND	05/30/08	MFF	0.003			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,2-Dichloropropane	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,3-Dichloropropane	mg/kg dry wt	ND	05/30/08	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,1-Dichloropropene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	05/30/08	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	05/30/08	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	05/30/08	MFF	0.012			
Diisopropyl Ether	mg/kg dry wt	ND	05/30/08	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	05/30/08	MFF	0.058			
Ethyl Benzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
Hexachlorobutadiene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
2-Hexanone	mg/kg dry wt	ND	05/30/08	MFF	0.012			
Isopropylbenzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
p-Isopropyltoluene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
MTBE	mg/kg dry wt	ND	05/30/08	MFF	0.003			
Methylene Chloride	mg/kg dry wt	ND	05/30/08	MFF	0.012			
MIBK	mg/kg dry wt	ND	05/30/08	MFF	0.012			
Naphthalene	mg/kg dry wt	ND	05/30/08	MFF	0.003			
n-Propylbenzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
Styrene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	05/30/08	MFF	0.002			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

6/6/2008

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008
Field Sample # : B-1

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Sample ID : *08B19206 ‡Sampled : 5/28/2008
6 - 8'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	05/30/08	MFF	0.001			
Tetrachloroethylene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
Tetrahydrofuran	mg/kg dry wt	ND	05/30/08	MFF	0.006			
Toluene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,1,1-Trichloroethane	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,1,2-Trichloroethane	mg/kg dry wt	ND	05/30/08	MFF	0.002			
Trichloroethylene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
Trichlorofluoromethane	mg/kg dry wt	ND	05/30/08	MFF	0.006			
1,2,3-Trichloropropane	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	05/30/08	MFF	0.006			
1,2,4-Trimethylbenzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
1,3,5-Trimethylbenzene	mg/kg dry wt	ND	05/30/08	MFF	0.002			
Vinyl Chloride	mg/kg dry wt	ND	05/30/08	MFF	0.006			
m + p Xylene	mg/kg dry wt	ND	05/30/08	MFF	0.003			
o-Xylene	mg/kg dry wt	ND	05/30/08	MFF	0.002			

Analytical Method:
SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

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ANALYTICAL LABORATORY
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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

6/6/2008

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008
Field Sample # : **P-2**

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Sample ID : **08B19207** ‡Sampled : 5/28/2008
2 - 4'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	06/02/08	MFF	0.068			
Acrylonitrile	mg/kg dry wt	ND	06/02/08	MFF	0.014			
tert-Amylmethyl Ether	mg/kg dry wt	ND	06/02/08	MFF	0.001			
Benzene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
Bromobenzene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
Bromochloromethane	mg/kg dry wt	ND	06/02/08	MFF	0.002			
Bromodichloromethane	mg/kg dry wt	ND	06/02/08	MFF	0.002			
Bromoform	mg/kg dry wt	ND	06/02/08	MFF	0.002			
Bromomethane	mg/kg dry wt	ND	06/02/08	MFF	0.007			
2-Butanone (MEK)	mg/kg dry wt	ND	06/02/08	MFF	0.028			
tert-Butyl Alcohol	mg/kg dry wt	ND	06/02/08	MFF	0.028			
n-Butylbenzene	mg/kg dry wt	0.003	06/02/08	MFF	0.002			
sec-Butylbenzene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
tert-Butylbenzene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
tert-Butylethyl Ether	mg/kg dry wt	ND	06/02/08	MFF	0.001			
Carbon Disulfide	mg/kg dry wt	ND	06/02/08	MFF	0.005			
Carbon Tetrachloride	mg/kg dry wt	ND	06/02/08	MFF	0.002			
Chlorobenzene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
Chlorodibromomethane	mg/kg dry wt	ND	06/02/08	MFF	0.001			
Chloroethane	mg/kg dry wt	ND	06/02/08	MFF	0.014			
Chloroform	mg/kg dry wt	ND	06/02/08	MFF	0.003			
Chloromethane	mg/kg dry wt	ND	06/02/08	MFF	0.007			
2-Chlorotoluene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
4-Chlorotoluene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,2-Dibromoethane	mg/kg dry wt	ND	06/02/08	MFF	0.001			
Dibromomethane	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,2-Dichlorobenzene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,3-Dichlorobenzene	mg/kg dry wt	ND	06/02/08	MFF	0.002			

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100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008
Field Sample # : P-2

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Sample ID : 08B19207 ‡Sampled : 5/28/2008
2 - 4'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	06/02/08	MFF	0.003			
Dichlorodifluoromethane	mg/kg dry wt	ND	06/02/08	MFF	0.014			
1,1-Dichloroethane	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,2-Dichloroethane	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,1-Dichloroethylene	mg/kg dry wt	ND	06/02/08	MFF	0.003			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,2-Dichloropropane	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,3-Dichloropropane	mg/kg dry wt	ND	06/02/08	MFF	0.001			
2,2-Dichloropropane	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,1-Dichloropropene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	06/02/08	MFF	0.001			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	06/02/08	MFF	0.001			
Diethyl Ether	mg/kg dry wt	ND	06/02/08	MFF	0.014			
Diisopropyl Ether	mg/kg dry wt	ND	06/02/08	MFF	0.001			
1,4-Dioxane	mg/kg dry wt	ND	06/02/08	MFF	0.068			
Ethyl Benzene	mg/kg dry wt	0.011	06/02/08	MFF	0.002			
Hexachlorobutadiene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
2-Hexanone	mg/kg dry wt	ND	06/02/08	MFF	0.014			
Isopropylbenzene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
p-Isopropyltoluene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
MTBE	mg/kg dry wt	ND	06/02/08	MFF	0.003			
Methylene Chloride	mg/kg dry wt	ND	06/02/08	MFF	0.014			
MIBK	mg/kg dry wt	ND	06/02/08	MFF	0.014			
Naphthalene	mg/kg dry wt	0.003	06/02/08	MFF	0.003			
n-Propylbenzene	mg/kg dry wt	0.011	06/02/08	MFF	0.002			
Styrene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	06/02/08	MFF	0.002			

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ANDOVER, MA 01810

6/6/2008

Purchase Order No.:

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008
Field Sample # : **P-2**

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Sample ID : 08B19207 ‡Sampled : 5/28/2008
2 - 4'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	06/02/08	MFF	0.001			
Tetrachloroethylene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
Tetrahydrofuran	mg/kg dry wt	ND	06/02/08	MFF	0.007			
Toluene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,1,1-Trichloroethane	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,1,2-Trichloroethane	mg/kg dry wt	ND	06/02/08	MFF	0.002			
Trichloroethylene	mg/kg dry wt	ND	06/02/08	MFF	0.002			
Trichlorofluoromethane	mg/kg dry wt	ND	06/02/08	MFF	0.007			
1,2,3-Trichloropropane	mg/kg dry wt	ND	06/02/08	MFF	0.002			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	06/02/08	MFF	0.007			
1,2,4-Trimethylbenzene	mg/kg dry wt	0.041	06/02/08	MFF	0.002			
1,3,5-Trimethylbenzene	mg/kg dry wt	0.018	06/02/08	MFF	0.002			
Vinyl Chloride	mg/kg dry wt	ND	06/02/08	MFF	0.007			
m + p Xylene	mg/kg dry wt	ND	06/02/08	MFF	0.003			
o-Xylene	mg/kg dry wt	0.004	06/02/08	MFF	0.002			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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ANDOVER, MA 01810

Purchase Order No.:

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008
Field Sample # : **P-3**

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Sample ID : **08B19208** ‡Sampled : 5/28/2008
5 - 7'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	mg/kg dry wt	ND	05/31/08	MFF	15			
Acrylonitrile	mg/kg dry wt	ND	05/31/08	MFF	2.9			
tert-Amylmethyl Ether	mg/kg dry wt	ND	05/31/08	MFF	0.15			
Benzene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
Bromobenzene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
Bromochloromethane	mg/kg dry wt	ND	05/31/08	MFF	0.29			
Bromodichloromethane	mg/kg dry wt	ND	05/31/08	MFF	0.29			
Bromoform	mg/kg dry wt	ND	05/31/08	MFF	0.29			
Bromomethane	mg/kg dry wt	ND	05/31/08	MFF	1.5			
2-Butanone (MEK)	mg/kg dry wt	ND	05/31/08	MFF	5.8			
tert-Butyl Alcohol	mg/kg dry wt	ND	05/31/08	MFF	7.2			
n-Butylbenzene	mg/kg dry wt	1.6	05/31/08	MFF	0.29			
sec-Butylbenzene	mg/kg dry wt	0.30	05/31/08	MFF	0.29			
tert-Butylbenzene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
tert-Butylethyl Ether	mg/kg dry wt	ND	05/31/08	MFF	0.15			
Carbon Disulfide	mg/kg dry wt	ND	05/31/08	MFF	0.87			
Carbon Tetrachloride	mg/kg dry wt	ND	05/31/08	MFF	0.29			
Chlorobenzene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
Chlorodibromomethane	mg/kg dry wt	ND	05/31/08	MFF	0.15			
Chloroethane	mg/kg dry wt	ND	05/31/08	MFF	2.9			
Chloroform	mg/kg dry wt	ND	05/31/08	MFF	0.58			
Chloromethane	mg/kg dry wt	ND	05/31/08	MFF	1.5			
2-Chlorotoluene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
4-Chlorotoluene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
1,2-Dibromo-3-Chloropropane	mg/kg dry wt	ND	05/31/08	MFF	1.5			
1,2-Dibromoethane	mg/kg dry wt	ND	05/31/08	MFF	0.15			
Dibromomethane	mg/kg dry wt	ND	05/31/08	MFF	0.29			
1,2-Dichlorobenzene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
1,3-Dichlorobenzene	mg/kg dry wt	ND	05/31/08	MFF	0.29			

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6/6/2008

Purchase Order No.:

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008
Field Sample # : P-3

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Sample ID : 08B19208 ‡Sampled : 5/28/2008
5 - 7'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
trans-1,4-Dichloro-2-Butene	mg/kg dry wt	ND	05/31/08	MFF	1.5			
Dichlorodifluoromethane	mg/kg dry wt	ND	05/31/08	MFF	2.9			
1,1-Dichloroethane	mg/kg dry wt	ND	05/31/08	MFF	0.29			
1,2-Dichloroethane	mg/kg dry wt	ND	05/31/08	MFF	0.29			
1,1-Dichloroethylene	mg/kg dry wt	ND	05/31/08	MFF	0.58			
cis-1,2-Dichloroethylene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
trans-1,2-Dichloroethylene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
1,2-Dichloropropane	mg/kg dry wt	ND	05/31/08	MFF	0.29			
1,3-Dichloropropane	mg/kg dry wt	ND	05/31/08	MFF	0.15			
2,2-Dichloropropane	mg/kg dry wt	ND	05/31/08	MFF	0.29			
1,1-Dichloropropene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
cis-1,3-Dichloropropene	mg/kg dry wt	ND	05/31/08	MFF	0.15			
trans-1,3-Dichloropropene	mg/kg dry wt	ND	05/31/08	MFF	0.15			
Diethyl Ether	mg/kg dry wt	ND	05/31/08	MFF	2.9			
Diisopropyl Ether	mg/kg dry wt	ND	05/31/08	MFF	0.15			
1,4-Dioxane	mg/kg dry wt	ND	05/31/08	MFF	15			
Ethyl Benzene	mg/kg dry wt	2.2	05/31/08	MFF	0.29			
Hexachlorobutadiene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
2-Hexanone	mg/kg dry wt	ND	05/31/08	MFF	2.9			
Isopropylbenzene	mg/kg dry wt	0.71	05/31/08	MFF	0.29			
p-Isopropyltoluene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
MTBE	mg/kg dry wt	ND	05/31/08	MFF	0.58			
Methylene Chloride	mg/kg dry wt	ND	05/31/08	MFF	2.9			
MIBK	mg/kg dry wt	ND	05/31/08	MFF	2.9			
Naphthalene	mg/kg dry wt	2.4	05/31/08	MFF	0.58			
n-Propylbenzene	mg/kg dry wt	2.3	05/31/08	MFF	0.29			
Styrene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
1,1,1,2-Tetrachloroethane	mg/kg dry wt	ND	05/31/08	MFF	0.29			

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6/6/2008

Purchase Order No.:

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Date Received: 5/29/2008
Field Sample # : P-3

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Sample ID : 08B19208 ‡Sampled : 5/28/2008
5 - 7'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,1,2,2-Tetrachloroethane	mg/kg dry wt	ND	05/31/08	MFF	0.15			
Tetrachloroethylene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
Tetrahydrofuran	mg/kg dry wt	ND	05/31/08	MFF	1.5			
Toluene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
1,2,3-Trichlorobenzene	mg/kg dry wt	ND	05/31/08	MFF	1.5			
1,2,4-Trichlorobenzene	mg/kg dry wt	ND	05/31/08	MFF	1.5			
1,1,1-Trichloroethane	mg/kg dry wt	ND	05/31/08	MFF	0.29			
1,1,2-Trichloroethane	mg/kg dry wt	ND	05/31/08	MFF	0.29			
Trichloroethylene	mg/kg dry wt	ND	05/31/08	MFF	0.29			
Trichlorofluoromethane	mg/kg dry wt	ND	05/31/08	MFF	1.5			
1,2,3-Trichloropropane	mg/kg dry wt	ND	05/31/08	MFF	0.29			
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg dry wt	ND	05/31/08	MFF	1.44			
1,2,4-Trimethylbenzene	mg/kg dry wt	12	05/31/08	MFF	0.29			
1,3,5-Trimethylbenzene	mg/kg dry wt	4.2	05/31/08	MFF	0.29			
Vinyl Chloride	mg/kg dry wt	ND	05/31/08	MFF	1.5			
m + p Xylene	mg/kg dry wt	4.3	05/31/08	MFF	0.58			
o-Xylene	mg/kg dry wt	0.92	05/31/08	MFF	0.29			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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6/6/2008

Purchase Order No.:

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008
Field Sample # : B-1

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Sample ID : 08B19206 ‡Sampled : 5/28/2008
6 - 8'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
C9-C18 Aliphatics	mg/kg dry wt	ND	06/03/08	CJM	34.6			
C19-C36 Aliphatics	mg/kg dry wt	ND	06/03/08	CJM	34.6			
Unadjusted C11-C22 Aromatics	mg/kg dry wt	ND	06/03/08	CJM	34.6			
C11-C22 Aromatics	mg/kg dry wt	ND	06/03/08	CJM	34.6			
Acenaphthene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Acenaphthylene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Anthracene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(a)anthracene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(a)pyrene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(b)fluoranthene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(k)fluoranthene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Chrysene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Dibenzo(a,h)anthracene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Fluoranthene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Fluorene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
2-Methylnaphthalene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Naphthalene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Phenanthrene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Pyrene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Date Extracted EPH Solid		5/30/2008	06/03/08	CJM				

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ANDOVER, MA 01810

Purchase Order No.:

6/6/2008

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008
Field Sample # : B-1

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Analytical Method:

MADEP-EPH-04-1

SAMPLES ARE EXTRACTED WITH METHYLENE CHLORIDE AND ACETONE BY PRESSURIZED FLUID EXTRACTION (SW846 3545) OR MICROWAVE (SW846 3546), EXCHANGED INTO HEXANE AND CONCENTRATED. ALIPHATIC AND AROMATIC FRACTIONS ARE SEPARATED. ANALYSIS IS BY GAS CHROMATOGRAPHY WITH FLAME IONIZATION DETECTION. PAH AND C11-C22 AROMATICS ARE DETERMINED IN THE METHYLENE CHLORIDE FRACTION. C9-C18 AND C19-C36 ALIPHATICS ARE DETERMINED IN THE HEXANE FRACTION. TARGET COMPOUND CONTRIBUTIONS ARE SUBTRACTED FROM THE SUMMED AROMATIC RANGE, BUT NOT FROM THE UNADJUSTED C11-C22 AROMATIC RANGE.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

6/6/2008

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008
Field Sample # : **P-2**

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Sample ID : **08B19207** ‡Sampled : 5/28/2008
2 - 4'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
C9-C18 Aliphatics	mg/kg dry wt	ND	06/03/08	CJM	36.2			
C19-C36 Aliphatics	mg/kg dry wt	ND	06/03/08	CJM	36.2			
Unadjusted C11-C22 Aromatics	mg/kg dry wt	ND	06/03/08	CJM	36.2			
C11-C22 Aromatics	mg/kg dry wt	ND	06/03/08	CJM	36.2			
Acenaphthene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Acenaphthylene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Anthracene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(a)anthracene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(a)pyrene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(b)fluoranthene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(k)fluoranthene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Chrysene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Dibenzo(a,h)anthracene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Fluoranthene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Fluorene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
2-Methylnaphthalene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Naphthalene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Phenanthrene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Pyrene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Date Extracted EPH Solid		5/30/2008	06/03/08	CJM				

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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

6/6/2008

Purchase Order No.:

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008
Field Sample # : P-2

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Analytical Method:
MADEP-EPH-04-1

SAMPLES ARE EXTRACTED WITH METHYLENE CHLORIDE AND ACETONE BY PRESSURIZED FLUID EXTRACTION (SW846 3545) OR MICROWAVE (SW846 3546), EXCHANGED INTO HEXANE AND CONCENTRATED. ALIPHATIC AND AROMATIC FRACTIONS ARE SEPARATED. ANALYSIS IS BY GAS CHROMATOGRAPHY WITH FLAME IONIZATION DETECTION. PAH AND C11-C22 AROMATICS ARE DETERMINED IN THE METHYLENE CHLORIDE FRACTION. C9-C18 AND C19-C36 ALIPHATICS ARE DETERMINED IN THE HEXANE FRACTION. TARGET COMPOUND CONTRIBUTIONS ARE SUBTRACTED FROM THE SUMMED AROMATIC RANGE, BUT NOT FROM THE UNADJUSTED C11-C22 AROMATIC RANGE.

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/5/2008 Lims Bat # : LIMT-16348

QC Batch Number: GCMS/VOL-19669

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-79988					
	Naphthalene	Lab Fort Blk. % Rec.	64.1	%	40-130
	Styrene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.8	ug/l	
		Lab Fort Blk. % Rec.	108.5	%	70-130
	Tetrachloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.1	ug/l	
		Lab Fort Blk. % Rec.	111.3	%	70-160
	Toluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.8	ug/l	
		Lab Fort Blk. % Rec.	108.4	%	70-130
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.8	ug/l	
		Lab Fort Blk. % Rec.	108.2	%	70-130
	Trichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.2	ug/l	
		Lab Fort Blk. % Rec.	112.1	%	70-130
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	13.1	ug/l	
		Lab Fort Blk. % Rec.	131.5	%	70-130
	Trichlorofluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.0	ug/l	
		Lab Fort Blk. % Rec.	120.2	%	70-130
	o-Xylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.2	ug/l	
		Lab Fort Blk. % Rec.	112.4	%	70-130
	m + p Xylene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.5	ug/l	
		Lab Fort Blk. % Rec.	112.5	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.9	ug/l	
		Lab Fort Blk. % Rec.	109.6	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.0	%	70-130
	1,1-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.5	ug/l	
		Lab Fort Blk. % Rec.	115.2	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.2	ug/l	
		Lab Fort Blk. % Rec.	122.4	%	70-130
	1,4-Dioxane	Lab Fort Blank Amt.	50.0	ug/l	
		Lab Fort Blk. Found	46.9	ug/l	
		Lab Fort Blk. % Rec.	93.9	%	40-130

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Method Blanks

Report Date: 6/5/2008 Lims Bat # : LIMT-16348

QC Batch Number: GCMS/VOL-19669

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-79988					
	MTBE	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.6	ug/l	
		Lab Fort Blk. % Rec.	113.0	%	70-130
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.6	ug/l	
		Lab Fort Blk. % Rec.	116.1	%	70-130
	Vinyl Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.8	ug/l	
		Lab Fort Blk. % Rec.	128.0	%	40-160
	Methylene Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.0	ug/l	
		Lab Fort Blk. % Rec.	110.0	%	70-130
	Chlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.6	ug/l	
		Lab Fort Blk. % Rec.	106.6	%	70-130
	Chloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.0	ug/l	
		Lab Fort Blk. % Rec.	120.9	%	40-160
	Bromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	25.8	ug/l	
		Lab Fort Blk. % Rec.	258.0	%	40-160
	Chloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.8	ug/l	
		Lab Fort Blk. % Rec.	128.9	%	70-130
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.0	ug/l	
		Lab Fort Blk. % Rec.	110.9	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.0	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.2	%	70-130
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.6	ug/l	
		Lab Fort Blk. % Rec.	106.1	%	70-130
	Bromoform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.2	ug/l	
		Lab Fort Blk. % Rec.	92.3	%	70-130
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.6	%	70-130
	2-Chlorotoluene	Lab Fort Blank Amt.	10.0	ug/l	

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Method Blanks

Report Date: 6/5/2008 Lims Bat # : LIMT-16348

QC Batch Number: GCMS/VOL-19669

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-79988					
	2-Chlorotoluene	Lab Fort Blk. Found	11.2	ug/l	
		Lab Fort Blk. % Rec.	112.3	%	70-130
	Hexachlorobutadiene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.0	ug/l	
		Lab Fort Blk. % Rec.	80.6	%	70-130
	Isopropylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.1	ug/l	
		Lab Fort Blk. % Rec.	111.8	%	70-130
	p-Isopropyltoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.7	ug/l	
		Lab Fort Blk. % Rec.	117.1	%	70-130
	n-Propylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.2	ug/l	
		Lab Fort Blk. % Rec.	112.7	%	70-130
	sec-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.1	ug/l	
		Lab Fort Blk. % Rec.	121.9	%	70-130
	tert-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	13.8	ug/l	
		Lab Fort Blk. % Rec.	138.0	%	70-130
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.0	ug/l	
		Lab Fort Blk. % Rec.	90.6	%	70-130
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.0	ug/l	
		Lab Fort Blk. % Rec.	70.0	%	70-130
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.4	ug/l	
		Lab Fort Blk. % Rec.	114.9	%	70-130
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.5	ug/l	
		Lab Fort Blk. % Rec.	115.1	%	70-130
	Dibromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.8	%	70-130
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.3	ug/l	
		Lab Fort Blk. % Rec.	113.6	%	70-130
	4-Chlorotoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.0	ug/l	
		Lab Fort Blk. % Rec.	110.9	%	70-130
	1,1-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.0	ug/l	

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Report Date: 6/5/2008 Lims Bat # : LIMT-16348

QC Batch Number: GCMS/VOL-19669

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-79988					
	1,1-Dichloropropene	Lab Fort Blk. % Rec.	110.8	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.1	ug/l	
		Lab Fort Blk. % Rec.	121.9	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.1	ug/l	
		Lab Fort Blk. % Rec.	111.3	%	70-130
	2,2-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.5	ug/l	
		Lab Fort Blk. % Rec.	95.1	%	40-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.0	ug/l	
		Lab Fort Blk. % Rec.	100.3	%	70-130
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.7	%	70-130
	n-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.5	ug/l	
		Lab Fort Blk. % Rec.	115.8	%	70-130
	Dichlorodifluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.9	ug/l	
		Lab Fort Blk. % Rec.	129.1	%	40-160
	Bromochloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.6	ug/l	
		Lab Fort Blk. % Rec.	106.2	%	70-130
	Bromobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.9	ug/l	
		Lab Fort Blk. % Rec.	109.0	%	70-130
	Acrylonitrile	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.6	ug/l	
		Lab Fort Blk. % Rec.	126.8	%	70-130
	Carbon Disulfide	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	13.5	ug/l	
		Lab Fort Blk. % Rec.	135.7	%	70-130
	2-Hexanone	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.2	%	70-160
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.7	ug/l	
		Lab Fort Blk. % Rec.	97.7	%	70-130
	Diethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.7	ug/l	
		Lab Fort Blk. % Rec.	127.8	%	70-130

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Method Blanks

Report Date: 6/5/2008 Lims Bat # : LIMT-16348

QC Batch Number: GCMS/VOL-19669

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-79988					
	Bromodichloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.0	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.8	ug/l	
		Lab Fort Blk. % Rec.	88.7	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	10.00	ug/l	
		Lab Fort Blk. Found	10.06	ug/l	
		Lab Fort Blk. % Rec.	100.60	%	70-130
	Tetrahydrofuran	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.5	ug/l	
		Lab Fort Blk. % Rec.	95.7	%	70-130
	tert-Butyl Alcohol	Lab Fort Blank Amt.	50.0	ug/l	
		Lab Fort Blk. Found	37.4	ug/l	
		Lab Fort Blk. % Rec.	74.8	%	40-160
	Diisopropyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.3	ug/l	
		Lab Fort Blk. % Rec.	123.8	%	70-130
	tert-Butylethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.3	ug/l	
		Lab Fort Blk. % Rec.	123.1	%	70-160
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.2	ug/l	
		Lab Fort Blk. % Rec.	112.2	%	70-130

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QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/5/2008 Lims Bat # : LIMT-16348

QC Batch Number: GCMS/VOL-19661

Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B19235					
	1,2-Dichloroethane-d4	Surrogate Recovery	104.6	%	70-130
	Toluene-d8	Surrogate Recovery	98.3	%	70-130
	Bromofluorobenzene	Surrogate Recovery	102.0	%	70-130
08B19236					
	1,2-Dichloroethane-d4	Surrogate Recovery	105.1	%	70-130
	Toluene-d8	Surrogate Recovery	99.4	%	70-130
	Bromofluorobenzene	Surrogate Recovery	99.9	%	70-130
BLANK-118387					
	Acetone	Blank	<50.0	ug/l	
	Benzene	Blank	<1.0	ug/l	
	Carbon Tetrachloride	Blank	<1.0	ug/l	
	Chloroform	Blank	<2.0	ug/l	
	1,2-Dichloroethane	Blank	<1.0	ug/l	
	1,4-Dichlorobenzene	Blank	<1.0	ug/l	
	Ethyl Benzene	Blank	<1.0	ug/l	
	2-Butanone (MEK)	Blank	<20.0	ug/l	
	MIBK	Blank	<10.0	ug/l	
	Naphthalene	Blank	<2.0	ug/l	
	Styrene	Blank	<1.0	ug/l	
	Tetrachloroethylene	Blank	<1.0	ug/l	
	Toluene	Blank	<1.0	ug/l	
	1,1,1-Trichloroethane	Blank	<1.0	ug/l	
	Trichloroethylene	Blank	<1.0	ug/l	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<5.0	ug/l	
	Trichlorofluoromethane	Blank	<2.0	ug/l	
	o-Xylene	Blank	<1.0	ug/l	
	m + p Xylene	Blank	<2.0	ug/l	
	1,2-Dichlorobenzene	Blank	<1.0	ug/l	
	1,3-Dichlorobenzene	Blank	<1.0	ug/l	
	1,1-Dichloroethane	Blank	<1.0	ug/l	
	1,1-Dichloroethylene	Blank	<1.0	ug/l	
	1,4-Dioxane	Blank	<50.0	ug/l	
	MTBE	Blank	<1.0	ug/l	
	trans-1,2-Dichloroethylene	Blank	<1.0	ug/l	
	Vinyl Chloride	Blank	<2.0	ug/l	
	Methylene Chloride	Blank	<5.0	ug/l	
	Chlorobenzene	Blank	<1.0	ug/l	
	Chloromethane	Blank	<2.0	ug/l	
	Bromomethane	Blank	<10.0	ug/l	
	Chloroethane	Blank	<2.0	ug/l	
	cis-1,3-Dichloropropene	Blank	<0.5	ug/l	
	trans-1,3-Dichloropropene	Blank	<0.5	ug/l	
	Chlorodibromomethane	Blank	<0.5	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/5/2008 Lims Bat # : LIMT-16348

QC Batch Number: GCMS/VOL-19681

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-118387					
	1,1,2-Trichloroethane	Blank	<1.0	ug/l	
	Bromoform	Blank	<1.0	ug/l	
	1,1,2,2-Tetrachloroethane	Blank	<0.5	ug/l	
	2-Chlorotoluene	Blank	<1.0	ug/l	
	Hexachlorobutadiene	Blank	<1.0	ug/l	
	Isopropylbenzene	Blank	<1.0	ug/l	
	p-Isopropyltoluene	Blank	<1.0	ug/l	
	n-Propylbenzene	Blank	<1.0	ug/l	
	sec-Butylbenzene	Blank	<1.0	ug/l	
	tert-Butylbenzene	Blank	<1.0	ug/l	
	1,2,3-Trichlorobenzene	Blank	<5.0	ug/l	
	1,2,4-Trichlorobenzene	Blank	<1.0	ug/l	
	1,2,4-Trimethylbenzene	Blank	<1.0	ug/l	
	1,3,5-Trimethylbenzene	Blank	<1.0	ug/l	
	Dibromomethane	Blank	<1.0	ug/l	
	cis-1,2-Dichloroethylene	Blank	<1.0	ug/l	
	4-Chlorotoluene	Blank	<1.0	ug/l	
	1,1-Dichloropropene	Blank	<2.0	ug/l	
	1,2-Dichloropropane	Blank	<1.0	ug/l	
	1,3-Dichloropropane	Blank	<0.5	ug/l	
	2,2-Dichloropropane	Blank	<1.0	ug/l	
	1,1,1,2-Tetrachloroethane	Blank	<1.0	ug/l	
	1,2,3-Trichloropropane	Blank	<2.0	ug/l	
	n-Butylbenzene	Blank	<1.0	ug/l	
	Dichlorodifluoromethane	Blank	<2.0	ug/l	
	Bromochloromethane	Blank	<1.0	ug/l	
	Bromobenzene	Blank	<1.0	ug/l	
	Acrylonitrile	Blank	<5.0	ug/l	
	Carbon Disulfide	Blank	<3.0	ug/l	
	2-Hexanone	Blank	<10.0	ug/l	
	trans-1,4-Dichloro-2-Butene	Blank	<2.0	ug/l	
	Diethyl Ether	Blank	<2.0	ug/l	
	Bromodichloromethane	Blank	<1.0	ug/l	
	1,2-Dibromo-3-Chloropropane	Blank	<5.0	ug/l	
	1,2-Dibromoethane	Blank	<0.50	ug/l	
	Tetrahydrofuran	Blank	<10.0	ug/l	
	tert-Butyl Alcohol	Blank	<20.0	ug/l	
	Diisopropyl Ether	Blank	<0.5	ug/l	
	tert-Butylethyl Ether	Blank	<0.5	ug/l	
	tert-Amylmethyl Ether	Blank	<0.5	ug/l	
LFBLANK-80000					
	Acetone	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	

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QC Batch Number: GCMS/VOL-19681

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-80000					
	Acetone	Lab Fort Blk. % Rec.	94.5	%	70-160
	Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.9	ug/l	
		Lab Fort Blk. % Rec.	109.0	%	70-130
	Carbon Tetrachloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.8	ug/l	
		Lab Fort Blk. % Rec.	98.9	%	70-130
	Chloroform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.3	ug/l	
		Lab Fort Blk. % Rec.	103.4	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.1	ug/l	
		Lab Fort Blk. % Rec.	111.8	%	70-130
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.3	ug/l	
		Lab Fort Blk. % Rec.	103.0	%	70-130
	Ethyl Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.1	%	70-130
	2-Butanone (MEK)	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.2	ug/l	
		Lab Fort Blk. % Rec.	102.1	%	40-160
	MIBK	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	13.6	ug/l	
		Lab Fort Blk. % Rec.	136.2	%	70-160
	Naphthalene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	6.4	ug/l	
		Lab Fort Blk. % Rec.	64.4	%	40-130
	Styrene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.8	%	70-130
	Tetrachloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.3	ug/l	
		Lab Fort Blk. % Rec.	103.8	%	70-160
	Toluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	
		Lab Fort Blk. % Rec.	104.8	%	70-130
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	
		Lab Fort Blk. % Rec.	104.0	%	70-130
	Trichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.8	ug/l	
		Lab Fort Blk. % Rec.	108.1	%	70-130

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Method Blanks

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QC Batch Number: GCMS/VOL-19681

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-80000					
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.0	ug/l	
		Lab Fort Blk. % Rec.	120.5	%	70-130
	Trichlorofluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.7	ug/l	
		Lab Fort Blk. % Rec.	117.7	%	70-130
	o-Xylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.6	ug/l	
		Lab Fort Blk. % Rec.	106.3	%	70-130
	m + p Xylene	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	21.8	ug/l	
		Lab Fort Blk. % Rec.	109.0	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	
		Lab Fort Blk. % Rec.	104.7	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.0	%	70-130
	1,1-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.6	ug/l	
		Lab Fort Blk. % Rec.	116.2	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.5	ug/l	
		Lab Fort Blk. % Rec.	115.4	%	70-130
	1,4-Dioxane	Lab Fort Blank Amt.	50.0	ug/l	
		Lab Fort Blk. Found	38.6	ug/l	
		Lab Fort Blk. % Rec.	77.2	%	40-130
	MTBE	Lab Fort Blank Amt.	20.0	ug/l	
		Lab Fort Blk. Found	22.4	ug/l	
		Lab Fort Blk. % Rec.	112.2	%	70-130
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.5	ug/l	
		Lab Fort Blk. % Rec.	115.9	%	70-130
	Vinyl Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.9	ug/l	
		Lab Fort Blk. % Rec.	119.3	%	40-160
	Methylene Chloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.1	ug/l	
		Lab Fort Blk. % Rec.	111.2	%	70-130
	Chlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.3	%	70-130
	Chloromethane	Lab Fort Blank Amt.	10.0	ug/l	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-80000					
	Chloromethane	Lab Fort Blk. Found	11.6	ug/l	
		Lab Fort Blk. % Rec.	116.8	%	40-160
	Bromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	24.8	ug/l	
		Lab Fort Blk. % Rec.	248.1	%	40-160
	Chloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.9	ug/l	
		Lab Fort Blk. % Rec.	119.5	%	70-130
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.7	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.2	ug/l	
		Lab Fort Blk. % Rec.	102.6	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.7	%	70-130
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.2	%	70-130
	Bromoform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.7	ug/l	
		Lab Fort Blk. % Rec.	87.8	%	70-130
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.8	ug/l	
		Lab Fort Blk. % Rec.	98.5	%	70-130
	2-Chlorotoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.2	%	70-130
	Hexachlorobutadiene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.0	ug/l	
		Lab Fort Blk. % Rec.	80.0	%	70-130
	Isopropylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.2	%	70-130
	p-Isopropyltoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.1	ug/l	
		Lab Fort Blk. % Rec.	111.1	%	70-130
	n-Propylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.8	%	70-130
	sec-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.2	ug/l	

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LFBLANK-80000					
	sec-Butylbenzene	Lab Fort Blk. % Rec.	112.7	%	70-130
	tert-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	13.2	ug/l	
		Lab Fort Blk. % Rec.	132.1	%	70-130
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.7	ug/l	
		Lab Fort Blk. % Rec.	87.3	%	70-130
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	7.5	ug/l	
		Lab Fort Blk. % Rec.	75.0	%	70-130
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.2	ug/l	
		Lab Fort Blk. % Rec.	112.6	%	70-130
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.9	ug/l	
		Lab Fort Blk. % Rec.	109.1	%	70-130
	Dibromomethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.3	ug/l	
		Lab Fort Blk. % Rec.	103.8	%	70-130
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.5	ug/l	
		Lab Fort Blk. % Rec.	115.6	%	70-130
	4-Chlorotoluene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.6	ug/l	
		Lab Fort Blk. % Rec.	106.4	%	70-130
	1,1-Dichloropropene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.3	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.6	ug/l	
		Lab Fort Blk. % Rec.	116.3	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.6	ug/l	
		Lab Fort Blk. % Rec.	106.5	%	70-130
	2,2-Dichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.3	ug/l	
		Lab Fort Blk. % Rec.	103.1	%	40-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.2	%	70-130
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.7	ug/l	
		Lab Fort Blk. % Rec.	97.8	%	70-130

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-80000					
	n-Butylbenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.5	%	70-130
	Dichlorodifluoromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.2	ug/l	
		Lab Fort Blk. % Rec.	122.2	%	40-160
	Bromochloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.7	ug/l	
		Lab Fort Blk. % Rec.	107.0	%	70-130
	Bromobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.5	ug/l	
		Lab Fort Blk. % Rec.	105.4	%	70-130
	Acrylonitrile	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	13.2	ug/l	
		Lab Fort Blk. % Rec.	132.7	%	70-130
	Carbon Disulfide	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.7	ug/l	
		Lab Fort Blk. % Rec.	127.7	%	70-130
	2-Hexanone	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.6	ug/l	
		Lab Fort Blk. % Rec.	96.6	%	70-160
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.2	ug/l	
		Lab Fort Blk. % Rec.	102.6	%	70-130
	Diethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.2	ug/l	
		Lab Fort Blk. % Rec.	122.9	%	70-130
	Bromodichloromethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.9	ug/l	
		Lab Fort Blk. % Rec.	99.5	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	8.5	ug/l	
		Lab Fort Blk. % Rec.	85.4	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	10.00	ug/l	
		Lab Fort Blk. Found	9.86	ug/l	
		Lab Fort Blk. % Rec.	98.60	%	70-130
	Tetrahydrofuran	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.0	ug/l	
		Lab Fort Blk. % Rec.	90.7	%	70-130
	tert-Butyl Alcohol	Lab Fort Blank Amt.	50.0	ug/l	
		Lab Fort Blk. Found	42.9	ug/l	
		Lab Fort Blk. % Rec.	85.8	%	40-160
	Diisopropyl Ether	Lab Fort Blank Amt.	10.0	ug/l	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-80000					
	Diisopropyl Ether	Lab Fort Blk. Found	12.3	ug/l	
		Lab Fort Blk. % Rec.	123.5	%	70-130
	tert-Butylethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	12.1	ug/l	
		Lab Fort Blk. % Rec.	121.5	%	70-160
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.1	ug/l	
		Lab Fort Blk. % Rec.	111.4	%	70-130

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Method Blanks

NOTES:

QC Batch No. : GCMS/VOL-19669
Sample ID : LFBLANK-79988
Analysis : 1,1,2-Trichloro-1,2,2-Trifluoroethane

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No. : GCMS/VOL-19669
Sample ID : LFBLANK-79988
Analysis : Bromomethane

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No. : GCMS/VOL-19669
Sample ID : LFBLANK-79988
Analysis : Carbon Disulfide

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No. : GCMS/VOL-19669
Sample ID : LFBLANK-79988
Analysis : tert-Butylbenzene

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No. : GCMS/VOL-19681
Sample ID : LFBLANK-80000
Analysis : Acrylonitrile

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No. : GCMS/VOL-19681
Sample ID : LFBLANK-80000
Analysis : Bromomethane

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No. : GCMS/VOL-19681
Sample ID : LFBLANK-80000
Analysis : tert-Butylbenzene

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken though all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

28

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Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
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CHAIN OF CUSTODY RECORD

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Limt-16348

Company Name: Pennoni Associates Inc
Address: 100 Burtt Rd Suite 120
Andover MA 01810
Attention: Jeff Brunelle
Project Location: 1660 Stratford, Stratford CT
Sampled By: JWS

Telephone: (978) 749-9929
Project #: RCHM 0801
Client PO #:

DATA DELIVERY (check one):
☐ FAX ☐ EMAIL ☐ WEBSITE CLIENT
Fax #: 9920
Email: jbrunelle@pennoni.com
Format: ☐ EXCEL ☐ PDF ☐ GIS KEY ☐ OTHER

Proposal Provided? (For Billing purposes) ☐ yes _____ proposal date

State Form Required? ☐ yes ☐ no

ANALYSIS REQUESTED

Field ID	Sample Description	Lab # (DOB)	Date Sampled Start Date/Time	Stop Date/Time	Composite	Grab	*Matrix Code	Conc. Code	8260B + Oxygenates	2	HI	✓	# of containers / **Preservation / ~Cont.Code
MW-5D	Gas Station MW's ✓	19229	5-29-08	1041		✓	GW	U(L)	X				
MW-5S	✓	19230		1100		✓		U(L)	X				
MW-6	✓	19231		1120		✓		U(L)	X				
MW-4	✓	19232		1140		✓		U(L)	X				
MW-3D	✓	19233		1338		✓		U(L)	X				
MW-3S	✓	19234		1345		✓		U(L)	X				
MW-2	✓	19235		1245		✓		U(H)	X				
MW-1	✓	19236		1300		✓		U(M)	X				

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Client Comments:

Laboratory Comments:

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in **Matrix/Conc.** Code Box:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

	Date/Time
Relinquished by: (signature)	5-29-08 14:39
Received by: (signature)	5/29/08 2PM
Relinquished by: (signature)	5/29/08 3:15
Received by: (signature)	5/29/08 1515

Turnaround **
☑ 7-Day
☐ 10-Day
☐ Other ____

RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? CT
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's:

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

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other____
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

con-test ANALYTICAL LABORATORY

www.contestlabs.com

30 Speen Street
East Longmeadow, MA
Phone: 1-413-525-2332
Fax: 1-413-525-6405

SAMPLE RECEIPT CHECKLIST

CLIENT NAME: Dennons
RECEIVED BY: CEC DATE: 5/28/08

1. Was chain of custody relinquished and signed? YES NO
2. Does Chain agree with samples? YES NO

If not, explain:

3. All Samples in good condition? YES NO

If not, explain:

4. Were samples received in compliance with Temperature 0-6 degrees C? YES NO

Degrees by temp blank 3.0C
Degrees by temp gun

5. Are there any dissolved samples for the lab to filter? YES NO

Who was notified? Date: Time:

6. Are there any on hold samples? YES NO STORED WHERE:

7. ARE THERE ANY RUSH OR SHORT HOLDING TIME SAMPLES? WHO WAS NOTIFIED? DATE TIME

8. Location where samples are stored: 1B

Permission to sub-contract samples? Yes No (circle)
(Walk in clients only) if not already approved.
Client Signature

CONTAINERS SENT IN TO CON-TEST	# of container
1 liter amber	
500 ml amber	
250 ml amber (8oz. Amber)	
1 liter plastic	
500 ml plastic	
250 ml plastic	
40 ml vial—which kind—list below	16
Colisure bottle	
Dissolved oxygen bottle	
Flashpoint bottle	

CONTAINERS SENT TO CON-TEST	# of containers
Air Cassettes	
8 oz clear jar	
4 oz clear jar	
2 oz clear jar	
Plastic bag	
Encore	
Brass Sleeves	
Tubes	
Summa cans	
Other	

Laboratory comments:

# of HCL Vial 16 # of Methanol vials # of Sodium Bisulfate vials
# of DI water(to be frozen) vials Time and Date when frozen
Do all the samples have the correct pH levels? YES NO If no, please explain above

APPENDIX C

Groundwater Laboratory Analytical Report

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ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

REPORT DATE 6/5/2008

PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810
ATTN: JEFF BRUNELLE

CONTRACT NUMBER:
PURCHASE ORDER NUMBER:

PROJECT NUMBER:

ANALYTICAL SUMMARY

LIMS BAT #: LIMT-16348
JOB NUMBER: RCHM0801

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report. Results are based on samples as submitted to the laboratory and relate only to the items collected and tested.

PROJECT LOCATION: 1660 STORRS RD., STORRS, CT.

FIELD SAMPLE #	LAB ID	MATRIX	SAMPLE DESCRIPTION	TEST	SUBCONTRACT LAB (IF ANY)
MW-1	08B19236	GRND WATER	Gas Station MW'S	8260 water	
MW-2	08B19235	GRND WATER	Gas Station MW'S	8260 water	
MW-3D	08B19233	GRND WATER	Gas Station MW'S	8260 water	
MW-3S	08B19234	GRND WATER	Gas Station MW'S	8260 water	
MW-4	08B19232	GRND WATER	Gas Station MW'S	8260 water	
MW-5D	08B19229	GRND WATER	Gas Station MW'S	8260 water	
MW-5S	08B19230	GRND WATER	Gas Station MW'S	8260 water	
MW-6	08B19231	GRND WATER	Gas Station MW'S	8260 water	

Comments :

LIMS BATCH NO. : LIMT-16348

IN METHOD 8260, ANY REPORTED RESULTS FOR CHLOROETHANE, 1,4-DIOXANE, BROMOMETHANE, 1,2,4-TRICHLOROBENZENE, AND NAPHTHALENE ARE ESTIMATED. EITHER INITIAL OR CONTINUING CALIBRATION DID NOT MEET REQUIRED CRITERIA.

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations. AIHA accreditations only apply to NIOSH methods and Environmental Lead Analyses.

AIHA 100033	AIHA ELLAP (LEAD) 100033	NORTH CAROLINA CERT. #652
MASSACHUSETTS MA0100	NEW HAMPSHIRE NELAP 2516	NEW JERSEY NELAP NJ MA007 (AIR)
CONNECTICUT PH-0567	VERMONT DOH (LEAD) No. LL015036	FLORIDA DOH E871027 (AIR)
NEW YORK ELAP/NELAP 10899	RHODE ISLAND (LIC. No. 112)	

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Sondra L Slesinski 06/05/08

SIGNATURE DATE

Tod Kopyscinski
Director of Operations

Sondra L. Slesinski
Quality Assurance Officer

Edward Denson
Technical Director

* See end of data tabulation for notes and comments pertaining to this sample

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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

6/5/2008

Purchase Order No.:

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : **MW-1**

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : **08B19236** ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	05/31/08	LBD	50.0			
Acrylonitrile	ug/l	ND	05/31/08	LBD	5.0			
tert-Amylmethyl Ether	ug/l	2.0	05/31/08	LBD	0.5			
Benzene	ug/l	ND	05/31/08	LBD	1.0			
Bromobenzene	ug/l	ND	05/31/08	LBD	1.0			
Bromochloromethane	ug/l	ND	05/31/08	LBD	1.0			
Bromodichloromethane	ug/l	ND	05/31/08	LBD	1.0			
Bromoform	ug/l	ND	05/31/08	LBD	1.0			
Bromomethane	ug/l	ND	05/31/08	LBD	10.0			
2-Butanone (MEK)	ug/l	ND	05/31/08	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	05/31/08	LBD	20.0			
n-Butylbenzene	ug/l	ND	05/31/08	LBD	1.0			
sec-Butylbenzene	ug/l	ND	05/31/08	LBD	1.0			
tert-Butylbenzene	ug/l	ND	05/31/08	LBD	1.0			
tert-Butylethyl Ether	ug/l	0.7	05/31/08	LBD	0.5			
Carbon Disulfide	ug/l	ND	05/31/08	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	05/31/08	LBD	1.0			
Chlorobenzene	ug/l	ND	05/31/08	LBD	1.0			
Chlorodibromomethane	ug/l	ND	05/31/08	LBD	0.5			
Chloroethane	ug/l	ND	05/31/08	LBD	2.0			
Chloroform	ug/l	ND	05/31/08	LBD	2.0			
Chloromethane	ug/l	ND	05/31/08	LBD	2.0			
2-Chlorotoluene	ug/l	ND	05/31/08	LBD	1.0			
4-Chlorotoluene	ug/l	ND	05/31/08	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	05/31/08	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	05/31/08	LBD	0.50			
Dibromomethane	ug/l	ND	05/31/08	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	05/31/08	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	05/31/08	LBD	1.0			

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

6/5/2008

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-1

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19236 ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	05/31/08	LBD	1.0			
trans-1,4-Dichloro-2-Butene	ug/l	ND	05/31/08	LBD	2.0			
Dichlorodifluoromethane	ug/l	ND	05/31/08	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	05/31/08	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	05/31/08	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	05/31/08	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	05/31/08	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	05/31/08	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	05/31/08	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	05/31/08	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	05/31/08	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	05/31/08	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	05/31/08	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	05/31/08	LBD	0.5			
Diethyl Ether	ug/l	ND	05/31/08	LBD	2.0			
Diisopropyl Ether	ug/l	ND	05/31/08	LBD	0.5			
1,4-Dioxane	ug/l	ND	05/31/08	LBD	50.0			
Ethyl Benzene	ug/l	3.9	05/31/08	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	05/31/08	LBD	1.0			
2-Hexanone	ug/l	ND	05/31/08	LBD	10.0			
Isopropylbenzene	ug/l	2.6	05/31/08	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	05/31/08	LBD	1.0			
MTBE	ug/l	38.9	05/31/08	LBD	1.0			
Methylene Chloride	ug/l	ND	05/31/08	LBD	5.0			
MIBK	ug/l	ND	05/31/08	LBD	10.0			
Naphthalene	ug/l	ND	05/31/08	LBD	2.0			
n-Propylbenzene	ug/l	6.8	05/31/08	LBD	1.0			
Styrene	ug/l	ND	05/31/08	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	05/31/08	LBD	1.0			

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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

6/5/2008

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : **MW-1**

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : **08B19236** ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	05/31/08	LBD	0.5			
Tetrachloroethylene	ug/l	ND	05/31/08	LBD	1.0			
Tetrahydrofuran	ug/l	ND	05/31/08	LBD	10.0			
Toluene	ug/l	ND	05/31/08	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	05/31/08	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	05/31/08	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	05/31/08	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	05/31/08	LBD	1.0			
Trichloroethylene	ug/l	ND	05/31/08	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	05/31/08	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	05/31/08	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	05/31/08	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	19.1	05/31/08	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	2.7	05/31/08	LBD	1.0			
Vinyl Chloride	ug/l	ND	05/31/08	LBD	2.0			
m + p Xylene	ug/l	ND	05/31/08	LBD	2.0			
o-Xylene	ug/l	ND	05/31/08	LBD	1.0			

Analytical Method:
SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

RL = Reporting Limit

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NM = Not Measured

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* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

6/5/2008

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : **MW-2**

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : **08B19235** ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
Acetone	ug/l	ND	05/31/08	LBD	50.0			
Acrylonitrile	ug/l	ND	05/31/08	LBD	5.0			
tert-Amylmethyl Ether	ug/l	1.1	05/31/08	LBD	0.5			
Benzene	ug/l	30.7	05/31/08	LBD	1.0			
Bromobenzene	ug/l	ND	05/31/08	LBD	1.0			
Bromochloromethane	ug/l	ND	05/31/08	LBD	1.0			
Bromodichloromethane	ug/l	ND	05/31/08	LBD	1.0			
Bromoform	ug/l	ND	05/31/08	LBD	1.0			
Bromomethane	ug/l	ND	05/31/08	LBD	10.0			
2-Butanone (MEK)	ug/l	ND	05/31/08	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	05/31/08	LBD	20.0			
n-Butylbenzene	ug/l	ND	05/31/08	LBD	1.0			
sec-Butylbenzene	ug/l	ND	05/31/08	LBD	1.0			
tert-Butylbenzene	ug/l	ND	05/31/08	LBD	1.0			
tert-Butylethyl Ether	ug/l	2.3	05/31/08	LBD	0.5			
Carbon Disulfide	ug/l	ND	05/31/08	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	05/31/08	LBD	1.0			
Chlorobenzene	ug/l	ND	05/31/08	LBD	1.0			
Chlorodibromomethane	ug/l	ND	05/31/08	LBD	0.5			
Chloroethane	ug/l	ND	05/31/08	LBD	2.0			
Chloroform	ug/l	ND	05/31/08	LBD	2.0			
Chloromethane	ug/l	ND	05/31/08	LBD	2.0			
2-Chlorotoluene	ug/l	ND	05/31/08	LBD	1.0			
4-Chlorotoluene	ug/l	ND	05/31/08	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	05/31/08	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	05/31/08	LBD	0.50			
Dibromomethane	ug/l	ND	05/31/08	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	05/31/08	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	05/31/08	LBD	1.0			

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NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-2

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19235 ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	05/31/08	LBD	1.0			
trans-1,4-Dichloro-2-Butene	ug/l	ND	05/31/08	LBD	2.0			
Dichlorodifluoromethane	ug/l	ND	05/31/08	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	05/31/08	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	05/31/08	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	05/31/08	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	05/31/08	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	05/31/08	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	05/31/08	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	05/31/08	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	05/31/08	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	05/31/08	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	05/31/08	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	05/31/08	LBD	0.5			
Diethyl Ether	ug/l	ND	05/31/08	LBD	2.0			
Diisopropyl Ether	ug/l	ND	05/31/08	LBD	0.5			
1,4-Dioxane	ug/l	ND	05/31/08	LBD	50.0			
Ethyl Benzene	ug/l	260	05/31/08	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	05/31/08	LBD	1.0			
2-Hexanone	ug/l	ND	05/31/08	LBD	10.0			
Isopropylbenzene	ug/l	12.7	05/31/08	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	05/31/08	LBD	1.0			
MTBE	ug/l	12.8	05/31/08	LBD	1.0			
Methylene Chloride	ug/l	ND	05/31/08	LBD	5.0			
MIBK	ug/l	ND	05/31/08	LBD	10.0			
Naphthalene	ug/l	10.1	05/31/08	LBD	2.0			
n-Propylbenzene	ug/l	19.2	05/31/08	LBD	1.0			
Styrene	ug/l	ND	05/31/08	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	05/31/08	LBD	1.0			

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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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ANALYTICAL LABORATORY
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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-2

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19235 ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	05/31/08	LBD	0.5			
Tetrachloroethylene	ug/l	ND	05/31/08	LBD	1.0			
Tetrahydrofuran	ug/l	ND	05/31/08	LBD	10.0			
Toluene	ug/l	30.4	05/31/08	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	05/31/08	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	05/31/08	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	05/31/08	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	05/31/08	LBD	1.0			
Trichloroethylene	ug/l	ND	05/31/08	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	05/31/08	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	05/31/08	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	05/31/08	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	66.8	05/31/08	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	11.9	05/31/08	LBD	1.0			
Vinyl Chloride	ug/l	ND	05/31/08	LBD	2.0			
m + p Xylene	ug/l	156	05/31/08	LBD	2.0			
o-Xylene	ug/l	72.6	05/31/08	LBD	1.0			

Analytical Method:
SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

6/5/2008

Purchase Order No.:

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-3D

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19233

‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	05/30/08	LBD	50.0			
Acrylonitrile	ug/l	ND	05/30/08	LBD	5.0			
tert-Amylmethyl Ether	ug/l	ND	05/30/08	LBD	0.5			
Benzene	ug/l	ND	05/30/08	LBD	1.0			
Bromobenzene	ug/l	ND	05/30/08	LBD	1.0			
Bromochloromethane	ug/l	ND	05/30/08	LBD	1.0			
Bromodichloromethane	ug/l	ND	05/30/08	LBD	1.0			
Bromoform	ug/l	ND	05/30/08	LBD	1.0			
Bromomethane	ug/l	ND	05/30/08	LBD	10.0			
2-Butanone (MEK)	ug/l	ND	05/30/08	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	05/30/08	LBD	20.0			
n-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
sec-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
tert-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
tert-Butylethyl Ether	ug/l	ND	05/30/08	LBD	0.5			
Carbon Disulfide	ug/l	ND	05/30/08	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	05/30/08	LBD	1.0			
Chlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
Chlorodibromomethane	ug/l	ND	05/30/08	LBD	0.5			
Chloroethane	ug/l	ND	05/30/08	LBD	2.0			
Chloroform	ug/l	ND	05/30/08	LBD	2.0			
Chloromethane	ug/l	ND	05/30/08	LBD	2.0			
2-Chlorotoluene	ug/l	ND	05/30/08	LBD	1.0			
4-Chlorotoluene	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	05/30/08	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	05/30/08	LBD	0.50			
Dibromomethane	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			

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ANDOVER, MA 01810

6/5/2008

Purchase Order No.:

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-3D

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19233 ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
trans-1,4-Dichloro-2-Butene	ug/l	ND	05/30/08	LBD	2.0			
Dichlorodifluoromethane	ug/l	ND	05/30/08	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	05/30/08	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	05/30/08	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	05/30/08	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	05/30/08	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	05/30/08	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	05/30/08	LBD	0.5			
Diethyl Ether	ug/l	ND	05/30/08	LBD	2.0			
Diisopropyl Ether	ug/l	ND	05/30/08	LBD	0.5			
1,4-Dioxane	ug/l	ND	05/30/08	LBD	50.0			
Ethyl Benzene	ug/l	ND	05/30/08	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	05/30/08	LBD	1.0			
2-Hexanone	ug/l	ND	05/30/08	LBD	10.0			
Isopropylbenzene	ug/l	ND	05/30/08	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	05/30/08	LBD	1.0			
MTBE	ug/l	ND	05/30/08	LBD	1.0			
Methylene Chloride	ug/l	ND	05/30/08	LBD	5.0			
MIBK	ug/l	ND	05/30/08	LBD	10.0			
Naphthalene	ug/l	ND	05/30/08	LBD	2.0			
n-Propylbenzene	ug/l	ND	05/30/08	LBD	1.0			
Styrene	ug/l	ND	05/30/08	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	05/30/08	LBD	1.0			

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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

6/5/2008

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : **MW-3D**

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : **08B19233** ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	05/30/08	LBD	0.5			
Tetrachloroethylene	ug/l	ND	05/30/08	LBD	1.0			
Tetrahydrofuran	ug/l	ND	05/30/08	LBD	10.0			
Toluene	ug/l	ND	05/30/08	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	05/30/08	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	05/30/08	LBD	1.0			
Trichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	05/30/08	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	05/30/08	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	05/30/08	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	ND	05/30/08	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	ND	05/30/08	LBD	1.0			
Vinyl Chloride	ug/l	ND	05/30/08	LBD	2.0			
m + p Xylene	ug/l	ND	05/30/08	LBD	2.0			
o-Xylene	ug/l	ND	05/30/08	LBD	1.0			

Analytical Method:
SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

6/5/2008

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : **MW-3S**

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : **08B19234** ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	05/30/08	LBD	50.0			
Acrylonitrile	ug/l	ND	05/30/08	LBD	5.0			
tert-Amylmethyl Ether	ug/l	ND	05/30/08	LBD	0.5			
Benzene	ug/l	ND	05/30/08	LBD	1.0			
Bromobenzene	ug/l	ND	05/30/08	LBD	1.0			
Bromochloromethane	ug/l	ND	05/30/08	LBD	1.0			
Bromodichloromethane	ug/l	ND	05/30/08	LBD	1.0			
Bromoform	ug/l	ND	05/30/08	LBD	1.0			
Bromomethane	ug/l	ND	05/30/08	LBD	10.0			
2-Butanone (MEK)	ug/l	ND	05/30/08	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	05/30/08	LBD	20.0			
n-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
sec-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
tert-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
tert-Butylethyl Ether	ug/l	ND	05/30/08	LBD	0.5			
Carbon Disulfide	ug/l	ND	05/30/08	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	05/30/08	LBD	1.0			
Chlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
Chlorodibromomethane	ug/l	ND	05/30/08	LBD	0.5			
Chloroethane	ug/l	ND	05/30/08	LBD	2.0			
Chloroform	ug/l	ND	05/30/08	LBD	2.0			
Chloromethane	ug/l	ND	05/30/08	LBD	2.0			
2-Chlorotoluene	ug/l	ND	05/30/08	LBD	1.0			
4-Chlorotoluene	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	05/30/08	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	05/30/08	LBD	0.50			
Dibromomethane	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			

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100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

6/5/2008

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-3S

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19234 ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
trans-1,4-Dichloro-2-Butene	ug/l	ND	05/30/08	LBD	2.0			
Dichlorodifluoromethane	ug/l	ND	05/30/08	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	05/30/08	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	05/30/08	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	05/30/08	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	05/30/08	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	05/30/08	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	05/30/08	LBD	0.5			
Diethyl Ether	ug/l	ND	05/30/08	LBD	2.0			
Diisopropyl Ether	ug/l	ND	05/30/08	LBD	0.5			
1,4-Dioxane	ug/l	ND	05/30/08	LBD	50.0			
Ethyl Benzene	ug/l	ND	05/30/08	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	05/30/08	LBD	1.0			
2-Hexanone	ug/l	ND	05/30/08	LBD	10.0			
Isopropylbenzene	ug/l	ND	05/30/08	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	05/30/08	LBD	1.0			
MTBE	ug/l	ND	05/30/08	LBD	1.0			
Methylene Chloride	ug/l	ND	05/30/08	LBD	5.0			
MIBK	ug/l	ND	05/30/08	LBD	10.0			
Naphthalene	ug/l	ND	05/30/08	LBD	2.0			
n-Propylbenzene	ug/l	ND	05/30/08	LBD	1.0			
Styrene	ug/l	ND	05/30/08	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	05/30/08	LBD	1.0			

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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

6/5/2008

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : **MW-3S**

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : **08B19234** ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	05/30/08	LBD	0.5			
Tetrachloroethylene	ug/l	ND	05/30/08	LBD	1.0			
Tetrahydrofuran	ug/l	ND	05/30/08	LBD	10.0			
Toluene	ug/l	ND	05/30/08	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	05/30/08	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	05/30/08	LBD	1.0			
Trichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	05/30/08	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	05/30/08	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	05/30/08	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	ND	05/30/08	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	ND	05/30/08	LBD	1.0			
Vinyl Chloride	ug/l	ND	05/30/08	LBD	2.0			
m + p Xylene	ug/l	ND	05/30/08	LBD	2.0			
o-Xylene	ug/l	ND	05/30/08	LBD	1.0			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

RL = Reporting Limit
ND = Not Detected at or above the Reporting Limit
NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample
‡ = See attached chain-of-custody record for time sampled

con-test®
ANALYTICAL LABORATORY
39 Spruce Street ° East Longmeadow, MA 01028 ° FAX 413/525-6405 ° TEL. 413/525-2332

JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

6/5/2008

Purchase Order No.:

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-4

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19232 ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	05/30/08	LBD	50.0			
Acrylonitrile	ug/l	ND	05/30/08	LBD	5.0			
tert-Amylmethyl Ether	ug/l	ND	05/30/08	LBD	0.5			
Benzene	ug/l	ND	05/30/08	LBD	1.0			
Bromobenzene	ug/l	ND	05/30/08	LBD	1.0			
Bromochloromethane	ug/l	ND	05/30/08	LBD	1.0			
Bromodichloromethane	ug/l	ND	05/30/08	LBD	1.0			
Bromoform	ug/l	ND	05/30/08	LBD	1.0			
Bromomethane	ug/l	ND	05/30/08	LBD	10.0			
2-Butanone (MEK)	ug/l	ND	05/30/08	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	05/30/08	LBD	20.0			
n-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
sec-Butylbenzene	ug/l	3.4	05/30/08	LBD	1.0			
tert-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
tert-Butylethyl Ether	ug/l	ND	05/30/08	LBD	0.5			
Carbon Disulfide	ug/l	ND	05/30/08	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	05/30/08	LBD	1.0			
Chlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
Chlorodibromomethane	ug/l	ND	05/30/08	LBD	0.5			
Chloroethane	ug/l	ND	05/30/08	LBD	2.0			
Chloroform	ug/l	ND	05/30/08	LBD	2.0			
Chloromethane	ug/l	ND	05/30/08	LBD	2.0			
2-Chlorotoluene	ug/l	ND	05/30/08	LBD	1.0			
4-Chlorotoluene	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	05/30/08	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	05/30/08	LBD	0.50			
Dibromomethane	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			

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ANDOVER, MA 01810

6/5/2008

Purchase Order No.:

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-4

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19232

‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
trans-1,4-Dichloro-2-Butene	ug/l	ND	05/30/08	LBD	2.0			
Dichlorodifluoromethane	ug/l	ND	05/30/08	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	05/30/08	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	05/30/08	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	05/30/08	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	05/30/08	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	05/30/08	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	05/30/08	LBD	0.5			
Diethyl Ether	ug/l	ND	05/30/08	LBD	2.0			
Diisopropyl Ether	ug/l	ND	05/30/08	LBD	0.5			
1,4-Dioxane	ug/l	ND	05/30/08	LBD	50.0			
Ethyl Benzene	ug/l	ND	05/30/08	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	05/30/08	LBD	1.0			
2-Hexanone	ug/l	ND	05/30/08	LBD	10.0			
Isopropylbenzene	ug/l	ND	05/30/08	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	05/30/08	LBD	1.0			
MTBE	ug/l	ND	05/30/08	LBD	1.0			
Methylene Chloride	ug/l	ND	05/30/08	LBD	5.0			
MIBK	ug/l	ND	05/30/08	LBD	10.0			
Naphthalene	ug/l	ND	05/30/08	LBD	2.0			
n-Propylbenzene	ug/l	ND	05/30/08	LBD	1.0			
Styrene	ug/l	ND	05/30/08	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	05/30/08	LBD	1.0			

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ANDOVER, MA 01810

Purchase Order No.:

6/5/2008

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-4

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19232

‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
1,1,2,2-Tetrachloroethane	ug/l	ND	05/30/08	LBD	0.5			
Tetrachloroethylene	ug/l	ND	05/30/08	LBD	1.0			
Tetrahydrofuran	ug/l	ND	05/30/08	LBD	10.0			
Toluene	ug/l	ND	05/30/08	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	05/30/08	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	05/30/08	LBD	1.0			
Trichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	05/30/08	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	05/30/08	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	05/30/08	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	ND	05/30/08	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	ND	05/30/08	LBD	1.0			
Vinyl Chloride	ug/l	ND	05/30/08	LBD	2.0			
m + p Xylene	ug/l	ND	05/30/08	LBD	2.0			
o-Xylene	ug/l	ND	05/30/08	LBD	1.0			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

6/5/2008

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-5D

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19229 ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/F
Acetone	ug/l	ND	05/30/08	LBD	50.0			
Acrylonitrile	ug/l	ND	05/30/08	LBD	5.0			
tert-Amylmethyl Ether	ug/l	ND	05/30/08	LBD	0.5			
Benzene	ug/l	ND	05/30/08	LBD	1.0			
Bromobenzene	ug/l	ND	05/30/08	LBD	1.0			
Bromochloromethane	ug/l	ND	05/30/08	LBD	1.0			
Bromodichloromethane	ug/l	ND	05/30/08	LBD	1.0			
Bromoform	ug/l	ND	05/30/08	LBD	1.0			
Bromomethane	ug/l	ND	05/30/08	LBD	10.0			
2-Butanone (MEK)	ug/l	ND	05/30/08	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	05/30/08	LBD	20.0			
n-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
sec-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
tert-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
tert-Butylethyl Ether	ug/l	ND	05/30/08	LBD	0.5			
Carbon Disulfide	ug/l	ND	05/30/08	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	05/30/08	LBD	1.0			
Chlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
Chlorodibromomethane	ug/l	ND	05/30/08	LBD	0.5			
Chloroethane	ug/l	ND	05/30/08	LBD	2.0			
Chloroform	ug/l	ND	05/30/08	LBD	2.0			
Chloromethane	ug/l	ND	05/30/08	LBD	2.0			
2-Chlorotoluene	ug/l	ND	05/30/08	LBD	1.0			
4-Chlorotoluene	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	05/30/08	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	05/30/08	LBD	0.50			
Dibromomethane	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			

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100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

6/5/2008

Purchase Order No.:

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-5D

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19229

‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
trans-1,4-Dichloro-2-Butene	ug/l	ND	05/30/08	LBD	2.0			
Dichlorodifluoromethane	ug/l	ND	05/30/08	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	05/30/08	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	05/30/08	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	05/30/08	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	05/30/08	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	05/30/08	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	05/30/08	LBD	0.5			
Diethyl Ether	ug/l	ND	05/30/08	LBD	2.0			
Diisopropyl Ether	ug/l	ND	05/30/08	LBD	0.5			
1,4-Dioxane	ug/l	ND	05/30/08	LBD	50.0			
Ethyl Benzene	ug/l	ND	05/30/08	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	05/30/08	LBD	1.0			
2-Hexanone	ug/l	ND	05/30/08	LBD	10.0			
Isopropylbenzene	ug/l	ND	05/30/08	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	05/30/08	LBD	1.0			
MTBE	ug/l	ND	05/30/08	LBD	1.0			
Methylene Chloride	ug/l	ND	05/30/08	LBD	5.0			
MIBK	ug/l	ND	05/30/08	LBD	10.0			
Naphthalene	ug/l	ND	05/30/08	LBD	2.0			
n-Propylbenzene	ug/l	ND	05/30/08	LBD	1.0			
Styrene	ug/l	ND	05/30/08	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	05/30/08	LBD	1.0			

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6/5/2008

Purchase Order No.:

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-5D

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19229

‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	05/30/08	LBD	0.5			
Tetrachloroethylene	ug/l	ND	05/30/08	LBD	1.0			
Tetrahydrofuran	ug/l	ND	05/30/08	LBD	10.0			
Toluene	ug/l	ND	05/30/08	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	05/30/08	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	05/30/08	LBD	1.0			
Trichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	05/30/08	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	05/30/08	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	05/30/08	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	ND	05/30/08	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	ND	05/30/08	LBD	1.0			
Vinyl Chloride	ug/l	ND	05/30/08	LBD	2.0			
m + p Xylene	ug/l	ND	05/30/08	LBD	2.0			
o-Xylene	ug/l	ND	05/30/08	LBD	1.0			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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ANDOVER, MA 01810

Purchase Order No.:

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-5S

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19230 ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	05/30/08	LBD	50.0			
Acrylonitrile	ug/l	ND	05/30/08	LBD	5.0			
tert-Amylmethyl Ether	ug/l	ND	05/30/08	LBD	0.5			
Benzene	ug/l	ND	05/30/08	LBD	1.0			
Bromobenzene	ug/l	ND	05/30/08	LBD	1.0			
Bromochloromethane	ug/l	ND	05/30/08	LBD	1.0			
Bromodichloromethane	ug/l	ND	05/30/08	LBD	1.0			
Bromoform	ug/l	ND	05/30/08	LBD	1.0			
Bromomethane	ug/l	ND	05/30/08	LBD	10.0			
2-Butanone (MEK)	ug/l	ND	05/30/08	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	05/30/08	LBD	20.0			
n-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
sec-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
tert-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
tert-Butylethyl Ether	ug/l	ND	05/30/08	LBD	0.5			
Carbon Disulfide	ug/l	ND	05/30/08	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	05/30/08	LBD	1.0			
Chlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
Chlorodibromomethane	ug/l	ND	05/30/08	LBD	0.5			
Chloroethane	ug/l	ND	05/30/08	LBD	2.0			
Chloroform	ug/l	ND	05/30/08	LBD	2.0			
Chloromethane	ug/l	ND	05/30/08	LBD	2.0			
2-Chlorotoluene	ug/l	ND	05/30/08	LBD	1.0			
4-Chlorotoluene	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	05/30/08	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	05/30/08	LBD	0.50			
Dibromomethane	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			

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PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

6/5/2008

Purchase Order No.:

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-5S

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19230 ‡Sampled : 5/29/2008
Gas Station MWS

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
trans-1,4-Dichloro-2-Butene	ug/l	ND	05/30/08	LBD	2.0			
Dichlorodifluoromethane	ug/l	ND	05/30/08	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	05/30/08	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	05/30/08	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	05/30/08	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	05/30/08	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	05/30/08	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	05/30/08	LBD	0.5			
Diethyl Ether	ug/l	ND	05/30/08	LBD	2.0			
Diisopropyl Ether	ug/l	ND	05/30/08	LBD	0.5			
1,4-Dioxane	ug/l	ND	05/30/08	LBD	50.0			
Ethyl Benzene	ug/l	ND	05/30/08	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	05/30/08	LBD	1.0			
2-Hexanone	ug/l	ND	05/30/08	LBD	10.0			
Isopropylbenzene	ug/l	ND	05/30/08	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	05/30/08	LBD	1.0			
MTBE	ug/l	ND	05/30/08	LBD	1.0			
Methylene Chloride	ug/l	ND	05/30/08	LBD	5.0			
MIBK	ug/l	ND	05/30/08	LBD	10.0			
Naphthalene	ug/l	ND	05/30/08	LBD	2.0			
n-Propylbenzene	ug/l	ND	05/30/08	LBD	1.0			
Styrene	ug/l	ND	05/30/08	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	05/30/08	LBD	1.0			

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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

6/5/2008

Purchase Order No.:

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : **MW-5S**

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : **08B19230** ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	05/30/08	LBD	0.5			
Tetrachloroethylene	ug/l	ND	05/30/08	LBD	1.0			
Tetrahydrofuran	ug/l	ND	05/30/08	LBD	10.0			
Toluene	ug/l	ND	05/30/08	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	05/30/08	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	05/30/08	LBD	1.0			
Trichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	05/30/08	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	05/30/08	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	05/30/08	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	ND	05/30/08	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	ND	05/30/08	LBD	1.0			
Vinyl Chloride	ug/l	ND	05/30/08	LBD	2.0			
m + p Xylene	ug/l	ND	05/30/08	LBD	2.0			
o-Xylene	ug/l	ND	05/30/08	LBD	1.0			

Analytical Method:
SW846 8260
SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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ANALYTICAL LABORATORY

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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

6/5/2008

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : **MW-6**

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : **08B19231** ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Acetone	ug/l	ND	05/30/08	LBD	50.0			
Acrylonitrile	ug/l	ND	05/30/08	LBD	5.0			
tert-Amylmethyl Ether	ug/l	ND	05/30/08	LBD	0.5			
Benzene	ug/l	ND	05/30/08	LBD	1.0			
Bromobenzene	ug/l	ND	05/30/08	LBD	1.0			
Bromochloromethane	ug/l	ND	05/30/08	LBD	1.0			
Bromodichloromethane	ug/l	ND	05/30/08	LBD	1.0			
Bromoform	ug/l	ND	05/30/08	LBD	1.0			
Bromomethane	ug/l	ND	05/30/08	LBD	10.0			
2-Butanone (MEK)	ug/l	ND	05/30/08	LBD	20.0			
tert-Butyl Alcohol	ug/l	ND	05/30/08	LBD	20.0			
n-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
sec-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
tert-Butylbenzene	ug/l	ND	05/30/08	LBD	1.0			
tert-Butylethyl Ether	ug/l	ND	05/30/08	LBD	0.5			
Carbon Disulfide	ug/l	ND	05/30/08	LBD	3.0			
Carbon Tetrachloride	ug/l	ND	05/30/08	LBD	1.0			
Chlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
Chlorodibromomethane	ug/l	ND	05/30/08	LBD	0.5			
Chloroethane	ug/l	ND	05/30/08	LBD	2.0			
Chloroform	ug/l	ND	05/30/08	LBD	2.0			
Chloromethane	ug/l	ND	05/30/08	LBD	2.0			
2-Chlorotoluene	ug/l	ND	05/30/08	LBD	1.0			
4-Chlorotoluene	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dibromo-3-Chloropropane	ug/l	ND	05/30/08	LBD	5.0			
1,2-Dibromoethane	ug/l	ND	05/30/08	LBD	0.50			
Dibromomethane	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
1,3-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			

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100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

6/5/2008

Purchase Order No.:

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : MW-6

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : 08B19231

‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,4-Dichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
trans-1,4-Dichloro-2-Butene	ug/l	ND	05/30/08	LBD	2.0			
Dichlorodifluoromethane	ug/l	ND	05/30/08	LBD	2.0			
1,1-Dichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,1-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
cis-1,2-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
trans-1,2-Dichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
1,2-Dichloropropane	ug/l	ND	05/30/08	LBD	1.0			
1,3-Dichloropropane	ug/l	ND	05/30/08	LBD	0.5			
2,2-Dichloropropane	ug/l	ND	05/30/08	LBD	1.0			
1,1-Dichloropropene	ug/l	ND	05/30/08	LBD	2.0			
cis-1,3-Dichloropropene	ug/l	ND	05/30/08	LBD	0.5			
trans-1,3-Dichloropropene	ug/l	ND	05/30/08	LBD	0.5			
Diethyl Ether	ug/l	ND	05/30/08	LBD	2.0			
Diisopropyl Ether	ug/l	ND	05/30/08	LBD	0.5			
1,4-Dioxane	ug/l	ND	05/30/08	LBD	50.0			
Ethyl Benzene	ug/l	1.0	05/30/08	LBD	1.0			
Hexachlorobutadiene	ug/l	ND	05/30/08	LBD	1.0			
2-Hexanone	ug/l	ND	05/30/08	LBD	10.0			
Isopropylbenzene	ug/l	2.4	05/30/08	LBD	1.0			
p-Isopropyltoluene	ug/l	ND	05/30/08	LBD	1.0			
MTBE	ug/l	ND	05/30/08	LBD	1.0			
Methylene Chloride	ug/l	ND	05/30/08	LBD	5.0			
MIBK	ug/l	ND	05/30/08	LBD	10.0			
Naphthalene	ug/l	ND	05/30/08	LBD	2.0			
n-Propylbenzene	ug/l	1.7	05/30/08	LBD	1.0			
Styrene	ug/l	ND	05/30/08	LBD	1.0			
1,1,1,2-Tetrachloroethane	ug/l	ND	05/30/08	LBD	1.0			

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6/5/2008

Purchase Order No.:

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008
Field Sample # : **MW-6**

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

Sample ID : **08B19231** ‡Sampled : 5/29/2008
Gas Station MW'S

Sample Matrix: GRND WATER

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
1,1,2,2-Tetrachloroethane	ug/l	ND	05/30/08	LBD	0.5			
Tetrachloroethylene	ug/l	ND	05/30/08	LBD	1.0			
Tetrahydrofuran	ug/l	16.4	05/30/08	LBD	10.0			
Toluene	ug/l	ND	05/30/08	LBD	1.0			
1,2,3-Trichlorobenzene	ug/l	ND	05/30/08	LBD	5.0			
1,2,4-Trichlorobenzene	ug/l	ND	05/30/08	LBD	1.0			
1,1,1-Trichloroethane	ug/l	ND	05/30/08	LBD	1.0			
1,1,2-Trichloroethane	ug/l	ND	05/30/08	LBD	1.0			
Trichloroethylene	ug/l	ND	05/30/08	LBD	1.0			
Trichlorofluoromethane	ug/l	ND	05/30/08	LBD	2.0			
1,2,3-Trichloropropane	ug/l	ND	05/30/08	LBD	2.0			
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	ND	05/30/08	LBD	5.0			
1,2,4-Trimethylbenzene	ug/l	ND	05/30/08	LBD	1.0			
1,3,5-Trimethylbenzene	ug/l	ND	05/30/08	LBD	1.0			
Vinyl Chloride	ug/l	ND	05/30/08	LBD	2.0			
m + p Xylene	ug/l	ND	05/30/08	LBD	2.0			
o-Xylene	ug/l	ND	05/30/08	LBD	1.0			

Analytical Method:
SW846 8260

SAMPLES ARE CONCENTRATED BY PURGE & TRAP, FOLLOWED BY GC/MS TARGET COMPOUND ANALYSIS. REPORTED RESULTS AND REPORTING LIMITS FOR 1,4-DIOXANE AND TERT-BUTYLALCOHOL ARE ESTIMATED SINCE RESPONSE FACTORS FOR THESE COMPOUNDS ARE BELOW METHOD SPECIFICATIONS.

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ANDOVER, MA 01810

Purchase Order No.:

6/5/2008

Project Location: 1660 STORRS RD., STORRS, CT.
Date Received: 5/29/2008

LIMS-BAT #: LIMT-16348
Job Number: RCHM0801

** END OF REPORT **

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/5/2008 Lims Bat # : LIMT-16348

QC Batch Number: GCMS/VOL-19669

Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B19229					
	1,2-Dichloroethane-d4	Surrogate Recovery	98.1	%	70-130
	Toluene-d8	Surrogate Recovery	98.4	%	70-130
	Bromofluorobenzene	Surrogate Recovery	99.6	%	70-130
08B19230					
	1,2-Dichloroethane-d4	Surrogate Recovery	100.2	%	70-130
	Toluene-d8	Surrogate Recovery	98.2	%	70-130
	Bromofluorobenzene	Surrogate Recovery	97.9	%	70-130
08B19231					
	1,2-Dichloroethane-d4	Surrogate Recovery	100.9	%	70-130
	Toluene-d8	Surrogate Recovery	98.3	%	70-130
	Bromofluorobenzene	Surrogate Recovery	99.0	%	70-130
08B19232					
	1,2-Dichloroethane-d4	Surrogate Recovery	101.0	%	70-130
	Toluene-d8	Surrogate Recovery	97.8	%	70-130
	Bromofluorobenzene	Surrogate Recovery	99.3	%	70-130
08B19233					
	1,2-Dichloroethane-d4	Surrogate Recovery	99.8	%	70-130
	Toluene-d8	Surrogate Recovery	98.0	%	70-130
	Bromofluorobenzene	Surrogate Recovery	98.3	%	70-130
08B19234					
	1,2-Dichloroethane-d4	Surrogate Recovery	100.5	%	70-130
	Toluene-d8	Surrogate Recovery	99.6	%	70-130
	Bromofluorobenzene	Surrogate Recovery	99.6	%	70-130
BLANK-118376					
	Acetone	Blank	<50.0	ug/l	
	Benzene	Blank	<1.0	ug/l	
	Carbon Tetrachloride	Blank	<1.0	ug/l	
	Chloroform	Blank	<2.0	ug/l	
	1,2-Dichloroethane	Blank	<1.0	ug/l	
	1,4-Dichlorobenzene	Blank	<1.0	ug/l	
	Ethyl Benzene	Blank	<1.0	ug/l	
	2-Butanone (MEK)	Blank	<20.0	ug/l	
	MIBK	Blank	<10.0	ug/l	
	Naphthalene	Blank	<2.0	ug/l	
	Styrene	Blank	<1.0	ug/l	
	Tetrachloroethylene	Blank	<1.0	ug/l	
	Toluene	Blank	<1.0	ug/l	
	1,1,1-Trichloroethane	Blank	<1.0	ug/l	
	Trichloroethylene	Blank	<1.0	ug/l	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<5.0	ug/l	
	Trichlorofluoromethane	Blank	<2.0	ug/l	
	o-Xylene	Blank	<1.0	ug/l	
	m + p Xylene	Blank	<2.0	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/5/2008 Lims Bat # : LIMT-16348

QC Batch Number: GCMS/VOL-19669

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-118376					
	1,2-Dichlorobenzene	Blank	<1.0	ug/l	
	1,3-Dichlorobenzene	Blank	<1.0	ug/l	
	1,1-Dichloroethane	Blank	<1.0	ug/l	
	1,1-Dichloroethylene	Blank	<1.0	ug/l	
	1,4-Dioxane	Blank	<50.0	ug/l	
	MTBE	Blank	<1.0	ug/l	
	trans-1,2-Dichloroethylene	Blank	<1.0	ug/l	
	Vinyl Chloride	Blank	<2.0	ug/l	
	Methylene Chloride	Blank	<5.0	ug/l	
	Chlorobenzene	Blank	<1.0	ug/l	
	Chloromethane	Blank	<2.0	ug/l	
	Bromomethane	Blank	<10.0	ug/l	
	Chloroethane	Blank	<2.0	ug/l	
	cis-1,3-Dichloropropene	Blank	<0.5	ug/l	
	trans-1,3-Dichloropropene	Blank	<0.5	ug/l	
	Chlorodibromomethane	Blank	<0.5	ug/l	
	1,1,2-Trichloroethane	Blank	<1.0	ug/l	
	Bromoform	Blank	<1.0	ug/l	
	1,1,2,2-Tetrachloroethane	Blank	<0.5	ug/l	
	2-Chlorotoluene	Blank	<1.0	ug/l	
	Hexachlorobutadiene	Blank	<1.0	ug/l	
	Isopropylbenzene	Blank	<1.0	ug/l	
	p-Isopropyltoluene	Blank	<1.0	ug/l	
	n-Propylbenzene	Blank	<1.0	ug/l	
	sec-Butylbenzene	Blank	<1.0	ug/l	
	tert-Butylbenzene	Blank	<1.0	ug/l	
	1,2,3-Trichlorobenzene	Blank	<5.0	ug/l	
	1,2,4-Trichlorobenzene	Blank	<1.0	ug/l	
	1,2,4-Trimethylbenzene	Blank	<1.0	ug/l	
	1,3,5-Trimethylbenzene	Blank	<1.0	ug/l	
	Dibromomethane	Blank	<1.0	ug/l	
	cis-1,2-Dichloroethylene	Blank	<1.0	ug/l	
	4-Chlorotoluene	Blank	<1.0	ug/l	
	1,1-Dichloropropene	Blank	<2.0	ug/l	
	1,2-Dichloropropane	Blank	<1.0	ug/l	
	1,3-Dichloropropane	Blank	<0.5	ug/l	
	2,2-Dichloropropane	Blank	<1.0	ug/l	
	1,1,1,2-Tetrachloroethane	Blank	<1.0	ug/l	
	1,2,3-Trichloropropane	Blank	<2.0	ug/l	
	n-Butylbenzene	Blank	<1.0	ug/l	
	Dichlorodifluoromethane	Blank	<2.0	ug/l	
	Bromochloromethane	Blank	<1.0	ug/l	
	Bromobenzene	Blank	<1.0	ug/l	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/5/2008 Lims Bat # : LIMT-16348

QC Batch Number: GCMS/VOL-19669

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-118376					
	Acrylonitrile	Blank	<5.0	ug/l	
	Carbon Disulfide	Blank	<3.0	ug/l	
	2-Hexanone	Blank	<10.0	ug/l	
	trans-1,4-Dichloro-2-Butene	Blank	<2.0	ug/l	
	Diethyl Ether	Blank	<2.0	ug/l	
	Bromodichloromethane	Blank	<1.0	ug/l	
	1,2-Dibromo-3-Chloropropane	Blank	<5.0	ug/l	
	1,2-Dibromoethane	Blank	<0.50	ug/l	
	Tetrahydrofuran	Blank	<10.0	ug/l	
	tert-Butyl Alcohol	Blank	<20.0	ug/l	
	Diisopropyl Ether	Blank	<0.5	ug/l	
	tert-Butylethyl Ether	Blank	<0.5	ug/l	
	tert-Amylmethyl Ether	Blank	<0.5	ug/l	
LFBLANK-79988					
	Acetone	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.6	%	70-160
	Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.0	ug/l	
		Lab Fort Blk. % Rec.	110.3	%	70-130
	Carbon Tetrachloride	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.2	ug/l	
		Lab Fort Blk. % Rec.	102.8	%	70-130
	Chloroform	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.1	ug/l	
		Lab Fort Blk. % Rec.	101.5	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.2	ug/l	
		Lab Fort Blk. % Rec.	112.5	%	70-130
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	10.4	ug/l	
		Lab Fort Blk. % Rec.	104.8	%	70-130
	Ethyl Benzene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	11.0	ug/l	
		Lab Fort Blk. % Rec.	110.8	%	70-130
	2-Butanone (MEK)	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	9.4	ug/l	
		Lab Fort Blk. % Rec.	94.9	%	40-160
	MIBK	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	13.8	ug/l	
		Lab Fort Blk. % Rec.	138.1	%	70-160
	Naphthalene	Lab Fort Blank Amt.	10.0	ug/l	
		Lab Fort Blk. Found	6.4	ug/l	

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JEFF BRUNELLE
PENNONI ASSOCIATES - BOSTON
100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

6/6/2008

Purchase Order No.:

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008
Field Sample # : **P-3**

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Sample ID : **08B19208** ‡Sampled : 5/28/2008
5 - 7'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
C9-C18 Aliphatics	mg/kg dry wt	ND	06/03/08	CJM	33.7			
C19-C36 Aliphatics	mg/kg dry wt	ND	06/03/08	CJM	33.7			
Unadjusted C11-C22 Aromatics	mg/kg dry wt	ND	06/03/08	CJM	33.7			
C11-C22 Aromatics	mg/kg dry wt	ND	06/03/08	CJM	33.7			
Acenaphthene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Acenaphthylene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Anthracene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(a)anthracene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(a)pyrene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(b)fluoranthene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(g,h,i)perylene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Benzo(k)fluoranthene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Chrysene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Dibenzo(a,h)anthracene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Fluoranthene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Fluorene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Indeno(1,2,3-cd)pyrene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
2-Methylnaphthalene	mg/kg dry wt	0.2	06/03/08	CJM	0.2			
Naphthalene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Phenanthrene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Pyrene	mg/kg dry wt	ND	06/03/08	CJM	0.2			
Date Extracted EPH Solid		5/30/2008	06/03/08	CJM				

RL = Reporting Limit

ND = Not Detected at or above the Reporting Limit

NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

6/6/2008

Purchase Order No.:

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008
Field Sample # : P-3

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Analytical Method:

MADEP-EPH-04-1

SAMPLES ARE EXTRACTED WITH METHYLENE CHLORIDE AND ACETONE BY PRESSURIZED FLUID EXTRACTION (SW846 3545) OR MICROWAVE (SW846 3546), EXCHANGED INTO HEXANE AND CONCENTRATED. ALIPHATIC AND AROMATIC FRACTIONS ARE SEPARATED. ANALYSIS IS BY GAS CHROMATOGRAPHY WITH FLAME IONIZATION DETECTION. PAH AND C11-C22 AROMATICS ARE DETERMINED IN THE METHYLENE CHLORIDE FRACTION. C9-C18 AND C19-C36 ALIPHATICS ARE DETERMINED IN THE HEXANE FRACTION. TARGET COMPOUND CONTRIBUTIONS ARE SUBTRACTED FROM THE SUMMED AROMATIC RANGE, BUT NOT FROM THE UNADJUSTED C11-C22 AROMATIC RANGE.

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JEFF BRUNELLE
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100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

6/6/2008

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

Field Sample # : B-1

Sample ID : 08B19206 ‡Sampled : 5/28/2008
6 - 8'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	86.9	06/02/08	LL				

Field Sample # : P-2

Sample ID : 08B19207 ‡Sampled : 5/28/2008
2 - 4'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	82.9	06/02/08	LL				

Field Sample # : P-3

Sample ID : 08B19208 ‡Sampled : 5/28/2008
5 - 7'

Sample Matrix: SOIL

	Units	Results	Date Analyzed	Analyst	RL	SPEC Limit Lo	SPEC Limit Hi	P/ F
Solids, total	%	88.2	06/02/08	LL				

Analytical Method:
SM 2540G
PERCENT OF SAMPLE REMAINING AFTER DRYING OVERNIGHT AT 103-105 DEGREES CENTIGRADE.

RL = Reporting Limit
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SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

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100 BERTT ROAD, SUITE 120
ANDOVER, MA 01810

Purchase Order No.:

Project Location: 1660 STORRS RD, STORRS CT
Date Received: 5/29/2008

LIMS-BAT #: LIMT-16341
Job Number: RCHM 0801

The following notes were attached to the reported analysis :

Sample ID: * 08B19206
Analysis: Acetone

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

Sample ID: * 08B19206
Analysis: 2-Butanone (MEK)

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

Sample ID: * 08B19206
Analysis: tert-Butyl Alcohol

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

Sample ID: * 08B19206
Analysis: Dichlorodifluoromethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

Sample ID: * 08B19206
Analysis: 1,4-Dioxane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

Sample ID: * 08B19206
Analysis: MTBE

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

** END OF REPORT **

RL = Reporting Limit

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NM = Not Measured

SPEC LIMIT = a client specified recommended or regulatory level for comparison with data to determine PASS (P) or FAIL (F) condition of results.

* = See end of report for comments and notes applying to this sample

‡ = See attached chain-of-custody record for time sampled

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GC/FID-21322

Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B19206					
	2-Fluorobiphenyl	Surrogate Recovery	103.2	%	40-140
	2-Bromonaphthalene	Surrogate Recovery	102.8	%	40-140
	Chlorooctadecane	Sur. Recovery	54.7	%	40-140
	Terphenyl	Sur. Recovery	82.7	%	40-140
08B19207					
	2-Fluorobiphenyl	Surrogate Recovery	106.8	%	40-140
	2-Bromonaphthalene	Surrogate Recovery	106.0	%	40-140
	Chlorooctadecane	Sur. Recovery	61.7	%	40-140
	Terphenyl	Sur. Recovery	71.4	%	40-140
08B19208					
	2-Fluorobiphenyl	Surrogate Recovery	109.7	%	40-140
	2-Bromonaphthalene	Surrogate Recovery	109.0	%	40-140
	Chlorooctadecane	Sur. Recovery	65.8	%	40-140
	Terphenyl	Sur. Recovery	75.0	%	40-140
BLANK-118439					
	Naphthalene	Blank	<0.2	mg/kg dry wt	
	Acenaphthene	Blank	<0.2	mg/kg dry wt	
	Acenaphthylene	Blank	<0.2	mg/kg dry wt	
	Anthracene	Blank	<0.2	mg/kg dry wt	
	Benzo(a)anthracene	Blank	<0.2	mg/kg dry wt	
	Benzo(a)pyrene	Blank	<0.2	mg/kg dry wt	
	Benzo(b)fluoranthene	Blank	<0.2	mg/kg dry wt	
	Benzo(g,h,i)perylene	Blank	<0.2	mg/kg dry wt	
	Chrysene	Blank	<0.2	mg/kg dry wt	
	Dibenzo(a,h)anthracene	Blank	<0.2	mg/kg dry wt	
	Fluoranthene	Blank	<0.2	mg/kg dry wt	
	Fluorene	Blank	<0.2	mg/kg dry wt	
	Indeno(1,2,3-cd)pyrene	Blank	<0.2	mg/kg dry wt	
	2-Methylnaphthalene	Blank	<0.2	mg/kg dry wt	
	Phenanthrene	Blank	<0.2	mg/kg dry wt	
	Pyrene	Blank	<0.2	mg/kg dry wt	
	Benzo(k)fluoranthene	Blank	<0.2	mg/kg dry wt	
	n-Nonane	Blank	<0.2	mg/kg dry wt	
	Naphthalene Aliphatic Fraction	Blank	<0.2	mg/kg dry wt	
	2-Methylnaphthalene Aliphatic Fraction	Blank	<0.2	mg/kg dry wt	
	Unadjusted C11-C22 Aromatics	Blank	<30.1	mg/kg dry wt	
	C9-C18 Aliphatics	Blank	<30.1	mg/kg dry wt	
	C19-C36 Aliphatics	Blank	<30.1	mg/kg dry wt	
	C11-C22 Aromatics	Blank	<30.1	mg/kg dry wt	
LFBLANK-80054					
	Naphthalene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	3.7	mg/kg dry wt	
		Lab Fort Blk. % Rec.	75.8	%	40-140

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GC/FID-21322

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-80054					
	Naphthalene	Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	3.8	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	77.1	%	40-140
		Lab Fort Blank Range	1.2	units	
		Lab Fort Bl. Av. Rec	76.4	%	
		LFB Duplicate RPD	1.6	%	0-25
	Acenaphthene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.3	mg/kg dry wt	
		Lab Fort Blk. % Rec.	87.1	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.4	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	88.1	%	40-140
		Lab Fort Blank Range	1.0	units	
		Lab Fort Bl. Av. Rec	87.6	%	
		LFB Duplicate RPD	1.1	%	0-25
	Acenaphthylene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.3	mg/kg dry wt	
		Lab Fort Blk. % Rec.	87.3	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.4	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	88.3	%	40-140
		Lab Fort Blank Range	0.9	units	
		Lab Fort Bl. Av. Rec	87.8	%	
		LFB Duplicate RPD	1.1	%	0-25
	Anthracene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.4	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.5	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.5	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	90.9	%	40-140
		Lab Fort Blank Range	2.4	units	
		Lab Fort Bl. Av. Rec	89.7	%	
		LFB Duplicate RPD	2.6	%	0-25
	Benzo(a)anthracene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.2	mg/kg dry wt	
		Lab Fort Blk. % Rec.	84.7	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.3	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	86.5	%	40-140
		Lab Fort Blank Range	1.7	units	
		Lab Fort Bl. Av. Rec	85.6	%	
		LFB Duplicate RPD	2.0	%	0-25
	Benzo(a)pyrene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GC/FID-21322

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-80054					
	Benzo(a)pyrene	Lab Fort Blk. Found	4.4	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.0	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.4	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	89.5	%	40-140
		Lab Fort Blank Range	1.5	units	
		Lab Fort Bl. Av. Rec	88.8	%	
		LFB Duplicate RPD	1.7	%	0-25
	Benzo(b)fluoranthene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.2	mg/kg dry wt	
		Lab Fort Blk. % Rec.	85.8	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.3	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	87.5	%	40-140
		Lab Fort Blank Range	1.6	units	
		Lab Fort Bl. Av. Rec	86.6	%	
		LFB Duplicate RPD	1.9	%	0-25
	Benzo(g,h,i)perylene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.5	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.7	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.6	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	92.5	%	40-140
		Lab Fort Blank Range	0.7	units	
		Lab Fort Bl. Av. Rec	92.1	%	
		LFB Duplicate RPD	0.8	%	0-25
	Chrysene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.3	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.4	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.3	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	87.4	%	40-140
		Lab Fort Blank Range	0.9	units	
		Lab Fort Bl. Av. Rec	86.9	%	
		LFB Duplicate RPD	1.0	%	0-25
	Dibenzo(a,h)anthracene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.5	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.0	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.5	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	91.7	%	40-140
		Lab Fort Blank Range	0.7	units	
		Lab Fort Bl. Av. Rec	91.3	%	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GC/FID-21322

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-80054					
	Dibenzo(a,h)anthracene	LFB Duplicate RPD	0.8	%	0-25
	Fluoranthene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.3	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.8	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.4	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	89.4	%	40-140
		Lab Fort Blank Range	2.6	units	
		Lab Fort Bl. Av. Rec	88.1	%	
		LFB Duplicate RPD	3.0	%	0-25
	Fluorene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.4	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.5	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.5	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	91.1	%	40-140
		Lab Fort Blank Range	1.5	units	
		Lab Fort Bl. Av. Rec	90.3	%	
		LFB Duplicate RPD	1.7	%	0-25
	Indeno(1,2,3-cd)pyrene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.3	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.1	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.3	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	87.4	%	40-140
		Lab Fort Blank Range	1.3	units	
		Lab Fort Bl. Av. Rec	86.7	%	
		LFB Duplicate RPD	1.5	%	0-25
	2-Methylnaphthalene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.1	mg/kg dry wt	
		Lab Fort Blk. % Rec.	83.7	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.2	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	84.4	%	40-140
		Lab Fort Blank Range	0.6	units	
		Lab Fort Bl. Av. Rec	84.1	%	
		LFB Duplicate RPD	0.8	%	0-25
	Phenanthrene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.3	mg/kg dry wt	
		Lab Fort Blk. % Rec.	87.7	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.5	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	90.1	%	40-140

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GC/FID-21322

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-80054					
	Phenanthrene	Lab Fort Blank Range	2.3	units	
		Lab Fort Bl. Av. Rec	88.9	%	
		LFB Duplicate RPD	2.6	%	0-25
	Pyrene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.4	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.8	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.5	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	91.5	%	40-140
		Lab Fort Blank Range	2.7	units	
		Lab Fort Bl. Av. Rec	90.1	%	
		LFB Duplicate RPD	2.9	%	0-25
	Benzo(k)fluoranthene	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	4.3	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.9	%	40-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	4.4	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	88.2	%	40-140
		Lab Fort Blank Range	1.3	units	
		Lab Fort Bl. Av. Rec	87.6	%	
		LFB Duplicate RPD	1.5	%	0-25
	n-Nonane	Lab Fort Blank Amt.	5.0	mg/kg dry wt	
		Lab Fort Blk. Found	2.3	mg/kg dry wt	
		Lab Fort Blk. % Rec.	47.7	%	30-140
		Dup Lab Fort Bl Amt.	5.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	2.4	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	49.4	%	30-140
		Lab Fort Blank Range	1.6	units	
		Lab Fort Bl. Av. Rec	48.6	%	
		LFB Duplicate RPD	3.4	%	
	Naphthalene Aliphatic Fraction	Lab Fort Blank Amt.	3.7	mg/kg dry wt	
		Lab Fort Blk. Found	0.0	mg/kg dry wt	
		Lab Fort Blk. % Rec.	0.0	%	0-5
		Dup Lab Fort Bl Amt.	3.8	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.0	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	0.0	%	0-5
		Lab Fort Blank Range	0.0	units	
		Lab Fort Bl. Av. Rec	0.0	%	
	2-Methylnaphthalene Aliphatic Fraction	Lab Fort Blank Amt.	4.1	mg/kg dry wt	
		Lab Fort Blk. Found	0.0	mg/kg dry wt	
		Lab Fort Blk. % Rec.	0.0	%	0-5
		Dup Lab Fort Bl Amt.	4.2	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	0.0	mg/kg dry wt	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GC/FID-21322

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-80054					
	2-Methylnaphthalene Aliphatic Fraction	Dup Lab Fort Bl %Rec	0.0	%	0-5
		Lab Fort Blank Range	0.0	units	
		Lab Fort Bl. Av. Rec	0.0	%	
	Unadjusted C11-C22 Aromatics	Lab Fort Blank Amt.	85.0	mg/kg dry wt	
		Lab Fort Blk. Found	84.2	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.1	%	40-140
		Dup Lab Fort Bl Amt.	85.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	85.6	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	100.7	%	40-140
		Lab Fort Blank Range	1.6	units	
		Lab Fort Bl. Av. Rec	99.9	%	
		LFB Duplicate RPD	1.6	%	0-25
	C9-C18 Aliphatics	Lab Fort Blank Amt.	30.0	mg/kg dry wt	
		Lab Fort Blk. Found	25.1	mg/kg dry wt	
		Lab Fort Blk. % Rec.	83.7	%	40-140
		Dup Lab Fort Bl Amt.	30.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	25.3	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	84.6	%	40-140
		Lab Fort Blank Range	0.8	units	
		Lab Fort Bl. Av. Rec	84.1	%	
		LFB Duplicate RPD	1.0	%	0-25
	C19-C36 Aliphatics	Lab Fort Blank Amt.	40.0	mg/kg dry wt	
		Lab Fort Blk. Found	44.2	mg/kg dry wt	
		Lab Fort Blk. % Rec.	110.6	%	40-140
		Dup Lab Fort Bl Amt.	40.0	mg/kg dry wt	
		Dup Lab Fort Bl. Fnd	43.6	mg/kg dry wt	
		Dup Lab Fort Bl %Rec	109.1	%	40-140
		Lab Fort Blank Range	1.4	units	
		Lab Fort Bl. Av. Rec	109.9	%	
		LFB Duplicate RPD	1.3	%	0-25

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Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GCMS/VOL-19657

Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B19206					
	Acetone	Sample Amount	<0.058	mg/kg dry wt	
		Matrix Spk Amt Added	0.022	mg/kg dry wt	
		MS Amt Measured	0.054	mg/kg dry wt	
		Matrix Spike % Rec.	238.300	%	70-130
	Benzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	88.600	%	70-130
	Carbon Tetrachloride	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	95.100	%	70-130
	Chloroform	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.011	mg/kg dry wt	
		Matrix Spike % Rec.	99.600	%	70-130
	1,2-Dichloroethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.011	mg/kg dry wt	
		Matrix Spike % Rec.	102.500	%	70-130
	1,4-Dichlorobenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	89.100	%	70-130
	Ethyl Benzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.011	mg/kg dry wt	
		Matrix Spike % Rec.	96.299	%	70-130
	2-Butanone (MEK)	Sample Amount	<0.023	mg/kg dry wt	
		Matrix Spk Amt Added	0.022	mg/kg dry wt	
		MS Amt Measured	0.031	mg/kg dry wt	
		Matrix Spike % Rec.	139.800	%	70-130
	MIBK	Sample Amount	<0.012	mg/kg dry wt	
		Matrix Spk Amt Added	0.022	mg/kg dry wt	
		MS Amt Measured	0.021	mg/kg dry wt	
		Matrix Spike % Rec.	95.600	%	70-130
	Naphthalene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.008	mg/kg dry wt	
		Matrix Spike % Rec.	74.000	%	70-130
	Styrene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	

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Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GCMS/VOL-19657

Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B19206					
	Styrene	Matrix Spike % Rec.	91.700	%	70-130
	Tetrachloroethylene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.011	mg/kg dry wt	
	Toluene	Matrix Spike % Rec.	97.500	%	70-130
		Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.009	mg/kg dry wt	
	1,1,1-Trichloroethane	Matrix Spike % Rec.	84.300	%	70-130
		Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
	Trichloroethylene	Matrix Spike % Rec.	92.900	%	70-130
		Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Matrix Spike % Rec.	92.400	%	70-130
		Sample Amount	<0.006	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.013	mg/kg dry wt	
	Trichlorofluoromethane	Matrix Spike % Rec.	122.300	%	70-130
		Sample Amount	<0.006	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.012	mg/kg dry wt	
	o-Xylene	Matrix Spike % Rec.	109.700	%	70-130
		Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
	m + p Xylene	Matrix Spike % Rec.	89.100	%	70-130
		Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.022	mg/kg dry wt	
		MS Amt Measured	0.021	mg/kg dry wt	
	1,2-Dichlorobenzene	Matrix Spike % Rec.	94.250	%	70-130
		Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
	1,3-Dichlorobenzene	Matrix Spike % Rec.	93.099	%	70-130
		Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
	1,1-Dichloroethane	Matrix Spike % Rec.	90.999	%	70-130
		Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	

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Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GCMS/VOL-19657

Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B19206					
	1,1-Dichloroethane	MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	89.800	%	70-130
	1,1-Dichloroethylene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	96.100	%	70-130
	1,4-Dioxane	Sample Amount	<0.058	mg/kg dry wt	
		Matrix Spk Amt Added	0.057	mg/kg dry wt	
		MS Amt Measured	0.077	mg/kg dry wt	
		Matrix Spike % Rec.	135.000	%	70-130
	MTBE	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.045	mg/kg dry wt	
		MS Amt Measured	0.029	mg/kg dry wt	
		Matrix Spike % Rec.	64.700	%	70-130
	trans-1,2-Dichloroethylene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	92.400	%	70-130
	Vinyl Chloride	Sample Amount	<0.006	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.009	mg/kg dry wt	
		Matrix Spike % Rec.	79.300	%	70-130
	Methylene Chloride	Sample Amount	<0.012	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.012	mg/kg dry wt	
		Matrix Spike % Rec.	110.500	%	70-130
	Chlorobenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	93.899	%	70-130
	Chloromethane	Sample Amount	<0.006	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.008	mg/kg dry wt	
		Matrix Spike % Rec.	74.200	%	70-130
	Bromomethane	Sample Amount	<0.006	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.012	mg/kg dry wt	
		Matrix Spike % Rec.	108.800	%	70-130
	Chloroethane	Sample Amount	<0.012	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.009	mg/kg dry wt	
		Matrix Spike % Rec.	85.700	%	70-130
	cis-1,3-Dichloropropene	Sample Amount	<0.001	mg/kg dry wt	

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Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GCMS/VOL-19657

Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B19206					
	cis-1,3-Dichloropropene	Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.009	mg/kg dry wt	
		Matrix Spike % Rec.	86.600	%	70-130
	trans-1,3-Dichloropropene	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.009	mg/kg dry wt	
		Matrix Spike % Rec.	83.100	%	70-130
	Chlorodibromomethane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.011	mg/kg dry wt	
		Matrix Spike % Rec.	96.299	%	70-130
	1,1,2-Trichloroethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	87.899	%	70-130
	Bromoform	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	95.199	%	70-130
	1,1,2,2-Tetrachloroethane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.009	mg/kg dry wt	
		Matrix Spike % Rec.	86.700	%	70-130
	2-Chlorotoluene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	95.400	%	70-130
	Hexachlorobutadiene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.011	mg/kg dry wt	
		Matrix Spike % Rec.	100.000	%	70-130
	Isopropylbenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	93.000	%	70-130
	p-Isopropyltoluene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	90.400	%	70-130
	n-Propylbenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.011	mg/kg dry wt	
		Matrix Spike % Rec.	100.300	%	70-130

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Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GCMS/VOL-19657

Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B19206					
	sec-Butylbenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	90.999	%	70-130
	tert-Butylbenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.012	mg/kg dry wt	
		Matrix Spike % Rec.	111.000	%	70-130
	1,2,3-Trichlorobenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	90.800	%	70-130
	1,2,4-Trichlorobenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	92.000	%	70-130
	1,2,4-Trimethylbenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	92.299	%	70-130
	1,3,5-Trimethylbenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.011	mg/kg dry wt	
		Matrix Spike % Rec.	96.900	%	70-130
	4-Chlorotoluene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.011	mg/kg dry wt	
		Matrix Spike % Rec.	98.399	%	70-130
	Dibromomethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.011	mg/kg dry wt	
		Matrix Spike % Rec.	102.800	%	70-130
	cis-1,2-Dichloroethylene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	90.400	%	70-130
	1,1-Dichloropropene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	95.300	%	70-130
	1,2-Dichloropropane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	

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QC Batch Number: GCMS/VOL-19657

Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B19206					
	1,2-Dichloropropane	Matrix Spike % Rec.	88.000	%	70-130
	1,3-Dichloropropane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	91.700	%	70-130
	2,2-Dichloropropane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.008	mg/kg dry wt	
		Matrix Spike % Rec.	74.400	%	70-130
	1,1,1,2-Tetrachloroethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	94.000	%	70-130
	1,2,3-Trichloropropane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.011	mg/kg dry wt	
		Matrix Spike % Rec.	98.899	%	70-130
	n-Butylbenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	94.199	%	70-130
	Dichlorodifluoromethane	Sample Amount	<0.012	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.007	mg/kg dry wt	
		Matrix Spike % Rec.	64.800	%	70-130
	Bromochloromethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	93.399	%	70-130
	Bromobenzene	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.011	mg/kg dry wt	
		Matrix Spike % Rec.	99.600	%	70-130
	Acrylonitrile	Sample Amount	<0.012	mg/kg dry wt	
		Matrix Spk Amt Added	0.022	mg/kg dry wt	
		MS Amt Measured	0.021	mg/kg dry wt	
		Matrix Spike % Rec.	93.150	%	70-130
	Carbon Disulfide	Sample Amount	<0.004	mg/kg dry wt	
		Matrix Spk Amt Added	0.022	mg/kg dry wt	
		MS Amt Measured	0.021	mg/kg dry wt	
		Matrix Spike % Rec.	93.600	%	70-130
	2-Hexanone	Sample Amount	<0.012	mg/kg dry wt	
		Matrix Spk Amt Added	0.022	mg/kg dry wt	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GCMS/VOL-19657

Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B19206					
	2-Hexanone	MS Amt Measured	0.022	mg/kg dry wt	
		Matrix Spike % Rec.	98.950	%	70-130
	trans-1,4-Dichloro-2-Butene	Sample Amount	<0.003	mg/kg dry wt	
		Matrix Spk Amt Added	0.022	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	86.350	%	70-130
	Diethyl Ether	Sample Amount	<0.012	mg/kg dry wt	
		Matrix Spk Amt Added	0.022	mg/kg dry wt	
		MS Amt Measured	0.021	mg/kg dry wt	
		Matrix Spike % Rec.	94.550	%	70-130
	Bromodichloromethane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.011	mg/kg dry wt	
		Matrix Spike % Rec.	98.200	%	70-130
	1,2-Dichloroethane-d4	Surrogate Recovery	99.160	%	70-130
	Toluene-d8	Surrogate Recovery	102.560	%	70-130
	Bromofluorobenzene	Surrogate Recovery	101.680	%	70-130
	1,2-Dibromo-3-Chloropropane	Sample Amount	<0.002	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.008	mg/kg dry wt	
		Matrix Spike % Rec.	70.300	%	70-130
	1,2-Dibromoethane	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.010	mg/kg dry wt	
		Matrix Spike % Rec.	87.599	%	70-130
	Tetrahydrofuran	Sample Amount	<0.006	mg/kg dry wt	
		Matrix Spk Amt Added	0.022	mg/kg dry wt	
		MS Amt Measured	0.019	mg/kg dry wt	
		Matrix Spike % Rec.	87.200	%	70-130
	tert-Butyl Alcohol	Sample Amount	<0.023	mg/kg dry wt	
		Matrix Spk Amt Added	0.057	mg/kg dry wt	
		MS Amt Measured	0.034	mg/kg dry wt	
		Matrix Spike % Rec.	60.780	%	70-130
	Diisopropyl Ether	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.009	mg/kg dry wt	
		Matrix Spike % Rec.	80.500	%	70-130
	tert-Butylethyl Ether	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	
		MS Amt Measured	0.008	mg/kg dry wt	
		Matrix Spike % Rec.	77.100	%	70-130
	tert-Amylmethyl Ether	Sample Amount	<0.001	mg/kg dry wt	
		Matrix Spk Amt Added	0.011	mg/kg dry wt	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B19206					
	tert-Amylmethyl Ether	MS Amt Measured	0.008	mg/kg dry wt	
		Matrix Spike % Rec.	77.800	%	70-130
BLANK-118329					
	Acetone	Blank	<0.10	mg/kg dry wt	
	Benzene	Blank	<0.002	mg/kg dry wt	
	Carbon Tetrachloride	Blank	<0.002	mg/kg dry wt	
	Chloroform	Blank	<0.004	mg/kg dry wt	
	1,2-Dichloroethane	Blank	<0.002	mg/kg dry wt	
	1,4-Dichlorobenzene	Blank	<0.002	mg/kg dry wt	
	Ethyl Benzene	Blank	<0.002	mg/kg dry wt	
	2-Butanone (MEK)	Blank	<0.040	mg/kg dry wt	
	MIBK	Blank	<0.020	mg/kg dry wt	
	Naphthalene	Blank	<0.004	mg/kg dry wt	
	Styrene	Blank	<0.002	mg/kg dry wt	
	Tetrachloroethylene	Blank	<0.002	mg/kg dry wt	
	Toluene	Blank	<0.002	mg/kg dry wt	
	1,1,1-Trichloroethane	Blank	<0.002	mg/kg dry wt	
	Trichloroethylene	Blank	<0.002	mg/kg dry wt	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<0.010	mg/kg dry wt	
	Trichlorofluoromethane	Blank	<0.010	mg/kg dry wt	
	o-Xylene	Blank	<0.002	mg/kg dry wt	
	m + p Xylene	Blank	<0.004	mg/kg dry wt	
	1,2-Dichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,3-Dichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,1-Dichloroethane	Blank	<0.002	mg/kg dry wt	
	1,1-Dichloroethylene	Blank	<0.004	mg/kg dry wt	
	1,4-Dioxane	Blank	<0.10	mg/kg dry wt	
	MTBE	Blank	<0.004	mg/kg dry wt	
	trans-1,2-Dichloroethylene	Blank	<0.002	mg/kg dry wt	
	Vinyl Chloride	Blank	<0.010	mg/kg dry wt	
	Methylene Chloride	Blank	<0.020	mg/kg dry wt	
	Chlorobenzene	Blank	<0.002	mg/kg dry wt	
	Chloromethane	Blank	<0.010	mg/kg dry wt	
	Bromomethane	Blank	<0.010	mg/kg dry wt	
	Chloroethane	Blank	<0.020	mg/kg dry wt	
	cis-1,3-Dichloropropene	Blank	<0.001	mg/kg dry wt	
	trans-1,3-Dichloropropene	Blank	<0.001	mg/kg dry wt	
	Chlorodibromomethane	Blank	<0.001	mg/kg dry wt	
	1,1,2-Trichloroethane	Blank	<0.002	mg/kg dry wt	
	Bromoform	Blank	<0.002	mg/kg dry wt	
	1,1,2,2-Tetrachloroethane	Blank	<0.001	mg/kg dry wt	
	2-Chlorotoluene	Blank	<0.002	mg/kg dry wt	
	Hexachlorobutadiene	Blank	<0.002	mg/kg dry wt	

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Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-118329					
	Isopropylbenzene	Blank	<0.002	mg/kg dry wt	
	p-Isopropyltoluene	Blank	<0.002	mg/kg dry wt	
	n-Propylbenzene	Blank	<0.002	mg/kg dry wt	
	sec-Butylbenzene	Blank	<0.002	mg/kg dry wt	
	tert-Butylbenzene	Blank	<0.002	mg/kg dry wt	
	1,2,3-Trichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,2,4-Trichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,2,4-Trimethylbenzene	Blank	<0.002	mg/kg dry wt	
	1,3,5-Trimethylbenzene	Blank	<0.002	mg/kg dry wt	
	4-Chlorotoluene	Blank	<0.002	mg/kg dry wt	
	Dibromomethane	Blank	<0.002	mg/kg dry wt	
	cis-1,2-Dichloroethylene	Blank	<0.002	mg/kg dry wt	
	1,1-Dichloropropene	Blank	<0.002	mg/kg dry wt	
	1,2-Dichloropropane	Blank	<0.002	mg/kg dry wt	
	1,3-Dichloropropane	Blank	<0.002	mg/kg dry wt	
	2,2-Dichloropropane	Blank	<0.001	mg/kg dry wt	
	1,1,1,2-Tetrachloroethane	Blank	<0.002	mg/kg dry wt	
	1,2,3-Trichloropropane	Blank	<0.002	mg/kg dry wt	
	n-Butylbenzene	Blank	<0.002	mg/kg dry wt	
	Dichlorodifluoromethane	Blank	<0.002	mg/kg dry wt	
	Bromochloromethane	Blank	<0.020	mg/kg dry wt	
	Bromobenzene	Blank	<0.002	mg/kg dry wt	
	Acrylonitrile	Blank	<0.002	mg/kg dry wt	
	Carbon Disulfide	Blank	<0.020	mg/kg dry wt	
	2-Hexanone	Blank	<0.006	mg/kg dry wt	
	trans-1,4-Dichloro-2-Butene	Blank	<0.020	mg/kg dry wt	
	Diethyl Ether	Blank	<0.004	mg/kg dry wt	
	Bromodichloromethane	Blank	<0.020	mg/kg dry wt	
	1,2-Dibromo-3-Chloropropane	Blank	<0.002	mg/kg dry wt	
	1,2-Dibromoethane	Blank	<0.002	mg/kg dry wt	
	Tetrahydrofuran	Blank	<0.001	mg/kg dry wt	
	tert-Butyl Alcohol	Blank	<0.010	mg/kg dry wt	
	Diisopropyl Ether	Blank	<0.040	mg/kg dry wt	
	tert-Butylethyl Ether	Blank	<0.001	mg/kg dry wt	
	tert-Amylmethyl Ether	Blank	<0.001	mg/kg dry wt	
LFBLANK-79938					
	Acetone	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.057	mg/kg dry wt	
		Lab Fort Blk. % Rec.	143.050	%	50-160
	Benzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.600	%	70-130
	Carbon Tetrachloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	

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LFBLANK-79938					
	Carbon Tetrachloride	Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.200	%	70-130
	Chloroform	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	108.100	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	110.700	%	70-130
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.800	%	70-130
	Ethyl Benzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.500	%	70-130
	2-Butanone (MEK)	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.042	mg/kg dry wt	
		Lab Fort Blk. % Rec.	107.250	%	70-160
	MIBK	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.045	mg/kg dry wt	
		Lab Fort Blk. % Rec.	113.400	%	70-160
	Naphthalene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	90.200	%	40-130
	Styrene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.700	%	70-130
	Tetrachloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.400	%	70-160
	Toluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.800	%	70-130
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.300	%	70-130
	Trichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.900	%	70-130
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.025	mg/kg dry wt	
		Lab Fort Blk. % Rec.	125.900	%	70-130
	Trichlorofluoromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.023	mg/kg dry wt	

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LFBLANK-79938					
	Trichlorofluoromethane	Lab Fort Blk. % Rec.	115.600	%	70-130
	o-Xylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.600	%	70-130
	m + p Xylene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.040	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.400	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.800	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.000	%	70-130
	1,1-Dichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.900	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.800	%	70-130
	1,4-Dioxane	Lab Fort Blank Amt.	0.100	mg/kg dry wt	
		Lab Fort Blk. Found	0.145	mg/kg dry wt	
		Lab Fort Blk. % Rec.	145.980	%	40-160
	MTBE	Lab Fort Blank Amt.	0.080	mg/kg dry wt	
		Lab Fort Blk. Found	0.057	mg/kg dry wt	
		Lab Fort Blk. % Rec.	72.375	%	70-130
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.200	%	70-130
	Vinyl Chloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.000	%	40-130
	Methylene Chloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.500	%	40-160
	Chlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.200	%	70-130
	Chloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.016	mg/kg dry wt	
		Lab Fort Blk. % Rec.	82.200	%	40-130
	Bromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.026	mg/kg dry wt	
		Lab Fort Blk. % Rec.	131.400	%	40-130

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LFBLANK-79938					
	Chloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.800	%	40-160
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.400	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.500	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	108.700	%	70-130
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.000	%	70-130
	Bromoform	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	111.400	%	70-130
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.200	%	70-130
	2-Chlorotoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.000	%	70-130
	Hexachlorobutadiene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	111.000	%	70-130
	Isopropylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.800	%	70-130
	p-Isopropyltoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.800	%	70-130
	n-Propylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	109.800	%	70-130
	sec-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.500	%	70-130
	tert-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.025	mg/kg dry wt	
		Lab Fort Blk. % Rec.	125.300	%	70-160
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	

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LFBLANK-79938					
	1,2,3-Trichlorobenzene	Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.000	%	70-130
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.800	%	40-130
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.000	%	70-130
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.300	%	70-130
	4-Chlorotoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	108.100	%	70-130
	Dibromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	111.900	%	70-130
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.700	%	70-130
	1,1-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.300	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.800	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.400	%	70-130
	2,2-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.016	mg/kg dry wt	
		Lab Fort Blk. % Rec.	83.600	%	70-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.700	%	70-130
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.023	mg/kg dry wt	
		Lab Fort Blk. % Rec.	118.200	%	70-130
	n-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.300	%	70-130
	Dichlorodifluoromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.014	mg/kg dry wt	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GCMS/VOL-19657

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-79938					
	Dichlorodifluoromethane	Lab Fort Blk. % Rec.	73.600	%	40-160
	Bromochloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.800	%	70-130
	Bromobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.800	%	70-130
	Acrylonitrile	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.043	mg/kg dry wt	
		Lab Fort Blk. % Rec.	109.700	%	70-160
	Carbon Disulfide	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.040	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.250	%	70-130
	2-Hexanone	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.035	mg/kg dry wt	
		Lab Fort Blk. % Rec.	87.550	%	70-160
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.039	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.900	%	70-130
	Diethyl Ether	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.042	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.650	%	70-130
	Bromodichloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	108.400	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.900	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.200	%	70-130
	Tetrahydrofuran	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.042	mg/kg dry wt	
		Lab Fort Blk. % Rec.	107.200	%	70-130
	tert-Butyl Alcohol	Lab Fort Blank Amt.	0.100	mg/kg dry wt	
		Lab Fort Blk. Found	0.077	mg/kg dry wt	
		Lab Fort Blk. % Rec.	77.360	%	40-130
	Diisopropyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.200	%	70-130
	tert-Butylethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	85.700	%	70-130

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Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GCMS/VOL-19657

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-79938					
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	88.200	%	70-130

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Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GCMS/VOL-19658

Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B19208					
	1,2-Dichloroethane-d4	Surrogate Recovery	103.080	%	70-130
	Toluene-d8	Surrogate Recovery	96.400	%	70-130
	Bromofluorobenzene	Surrogate Recovery	104.160	%	70-130
BLANK-118332					
	Acetone	Blank	<10.	mg/kg dry wt	
	Benzene	Blank	<0.20	mg/kg dry wt	
	Carbon Tetrachloride	Blank	<0.20	mg/kg dry wt	
	Chloroform	Blank	<0.40	mg/kg dry wt	
	1,2-Dichloroethane	Blank	<0.20	mg/kg dry wt	
	1,4-Dichlorobenzene	Blank	<0.20	mg/kg dry wt	
	Ethyl Benzene	Blank	<0.20	mg/kg dry wt	
	2-Butanone (MEK)	Blank	<4.0	mg/kg dry wt	
	MIBK	Blank	<2.0	mg/kg dry wt	
	Naphthalene	Blank	<1.2	mg/kg dry wt	
	Styrene	Blank	<0.20	mg/kg dry wt	
	Tetrachloroethylene	Blank	<0.20	mg/kg dry wt	
	Toluene	Blank	<0.20	mg/kg dry wt	
	1,1,1-Trichloroethane	Blank	<0.20	mg/kg dry wt	
	Trichloroethylene	Blank	<0.20	mg/kg dry wt	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<1.00	mg/kg dry wt	
	Trichlorofluoromethane	Blank	<1.0	mg/kg dry wt	
	o-Xylene	Blank	<0.20	mg/kg dry wt	
	m + p Xylene	Blank	<0.40	mg/kg dry wt	
	1,2-Dichlorobenzene	Blank	<0.20	mg/kg dry wt	
	1,3-Dichlorobenzene	Blank	<0.20	mg/kg dry wt	
	1,1-Dichloroethane	Blank	<0.20	mg/kg dry wt	
	1,1-Dichloroethylene	Blank	<0.40	mg/kg dry wt	
	1,4-Dioxane	Blank	<10.	mg/kg dry wt	
	MTBE	Blank	<0.40	mg/kg dry wt	
	trans-1,2-Dichloroethylene	Blank	<0.20	mg/kg dry wt	
	Vinyl Chloride	Blank	<1.0	mg/kg dry wt	
	Methylene Chloride	Blank	<2.0	mg/kg dry wt	
	Chlorobenzene	Blank	<0.20	mg/kg dry wt	
	Chloromethane	Blank	<1.0	mg/kg dry wt	
	Bromomethane	Blank	<1.0	mg/kg dry wt	
	Chloroethane	Blank	<2.0	mg/kg dry wt	
	cis-1,3-Dichloropropene	Blank	<0.10	mg/kg dry wt	
	trans-1,3-Dichloropropene	Blank	<0.10	mg/kg dry wt	
	Chlorodibromomethane	Blank	<0.10	mg/kg dry wt	
	1,1,2-Trichloroethane	Blank	<0.20	mg/kg dry wt	
	Bromoform	Blank	<0.20	mg/kg dry wt	
	1,1,2,2-Tetrachloroethane	Blank	<0.10	mg/kg dry wt	
	2-Chlorotoluene	Blank	<0.20	mg/kg dry wt	

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Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GCMS/VOL-19658

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-118332					
	Hexachlorobutadiene	Blank	<0.20	mg/kg dry wt	
	Isopropylbenzene	Blank	<0.20	mg/kg dry wt	
	p-Isopropyltoluene	Blank	<0.20	mg/kg dry wt	
	n-Propylbenzene	Blank	<0.20	mg/kg dry wt	
	sec-Butylbenzene	Blank	<0.20	mg/kg dry wt	
	tert-Butylbenzene	Blank	<0.20	mg/kg dry wt	
	1,2,3-Trichlorobenzene	Blank	<1.0	mg/kg dry wt	
	1,2,4-Trichlorobenzene	Blank	<1.0	mg/kg dry wt	
	1,2,4-Trimethylbenzene	Blank	<0.20	mg/kg dry wt	
	1,3,5-Trimethylbenzene	Blank	<0.20	mg/kg dry wt	
	4-Chlorotoluene	Blank	<0.20	mg/kg dry wt	
	Dibromomethane	Blank	<0.20	mg/kg dry wt	
	cis-1,2-Dichloroethylene	Blank	<0.20	mg/kg dry wt	
	1,1-Dichloropropene	Blank	<0.20	mg/kg dry wt	
	1,2-Dichloropropane	Blank	<0.20	mg/kg dry wt	
	1,3-Dichloropropane	Blank	<0.10	mg/kg dry wt	
	2,2-Dichloropropane	Blank	<0.20	mg/kg dry wt	
	1,1,1,2-Tetrachloroethane	Blank	<0.20	mg/kg dry wt	
	1,2,3-Trichloropropane	Blank	<0.20	mg/kg dry wt	
	n-Butylbenzene	Blank	<0.20	mg/kg dry wt	
	Dichlorodifluoromethane	Blank	<2.0	mg/kg dry wt	
	Bromochloromethane	Blank	<0.20	mg/kg dry wt	
	Bromobenzene	Blank	<0.20	mg/kg dry wt	
	Acrylonitrile	Blank	<2.0	mg/kg dry wt	
	Carbon Disulfide	Blank	<0.60	mg/kg dry wt	
	2-Hexanone	Blank	<2.0	mg/kg dry wt	
	trans-1,4-Dichloro-2-Butene	Blank	<1.0	mg/kg dry wt	
	Diethyl Ether	Blank	<2.0	mg/kg dry wt	
	Bromodichloromethane	Blank	<0.20	mg/kg dry wt	
	1,2-Dibromo-3-Chloropropane	Blank	<1.0	mg/kg dry wt	
	1,2-Dibromoethane	Blank	<0.10	mg/kg dry wt	
	Tetrahydrofuran	Blank	<1.0	mg/kg dry wt	
	tert-Butyl Alcohol	Blank	<5.0	mg/kg dry wt	
	Diisopropyl Ether	Blank	<0.10	mg/kg dry wt	
	tert-Butylethyl Ether	Blank	<0.10	mg/kg dry wt	
	tert-Amylmethyl Ether	Blank	<0.10	mg/kg dry wt	
LFBLANK-79942					
	Acetone	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.675	mg/kg dry wt	
		Lab Fort Blk. % Rec.	126.200	%	50-160
	Benzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.050	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.700	%	70-130

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QC Batch Number: GCMS/VOL-19658

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-79942					
	Carbon Tetrachloride	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.391	mg/kg dry wt	
		Lab Fort Blk. % Rec.	112.800	%	70-130
	Chloroform	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.285	mg/kg dry wt	
		Lab Fort Blk. % Rec.	107.800	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.575	mg/kg dry wt	
		Lab Fort Blk. % Rec.	121.500	%	70-130
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.245	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.900	%	70-130
	Ethyl Benzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.279	mg/kg dry wt	
		Lab Fort Blk. % Rec.	107.500	%	70-130
	2-Butanone (MEK)	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.045	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.500	%	70-160
	MIBK	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.766	mg/kg dry wt	
		Lab Fort Blk. % Rec.	130.500	%	70-160
	Naphthalene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	4.206	mg/kg dry wt	
		Lab Fort Blk. % Rec.	198.400	%	40-130
	Styrene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.342	mg/kg dry wt	
		Lab Fort Blk. % Rec.	110.500	%	70-130
	Tetrachloroethylene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.980	mg/kg dry wt	
		Lab Fort Blk. % Rec.	140.600	%	70-160
	Toluene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.168	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.300	%	70-130
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.344	mg/kg dry wt	
		Lab Fort Blk. % Rec.	110.600	%	70-130
	Trichloroethylene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.446	mg/kg dry wt	
		Lab Fort Blk. % Rec.	115.400	%	70-130
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.448	mg/kg dry wt	
		Lab Fort Blk. % Rec.	115.500	%	70-130
	Trichlorofluoromethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	

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LFBLANK-79942					
	Trichlorofluoromethane	Lab Fort Blk. Found	2.594	mg/kg dry wt	
		Lab Fort Blk. % Rec.	122.400	%	70-130
	o-Xylene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.346	mg/kg dry wt	
		Lab Fort Blk. % Rec.	110.700	%	70-130
	m + p Xylene	Lab Fort Blank Amt.	4.240	mg/kg dry wt	
		Lab Fort Blk. Found	4.763	mg/kg dry wt	
		Lab Fort Blk. % Rec.	112.350	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.262	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.700	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.232	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.300	%	70-130
	1,1-Dichloroethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	1.950	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.000	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.351	mg/kg dry wt	
		Lab Fort Blk. % Rec.	110.900	%	70-130
	1,4-Dioxane	Lab Fort Blank Amt.	10.600	mg/kg dry wt	
		Lab Fort Blk. Found	13.063	mg/kg dry wt	
		Lab Fort Blk. % Rec.	123.240	%	40-160
	MTBE	Lab Fort Blank Amt.	4.240	mg/kg dry wt	
		Lab Fort Blk. Found	4.265	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.600	%	70-130
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.192	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.400	%	70-130
	Vinyl Chloride	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.189	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.300	%	40-130
	Methylene Chloride	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.024	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.500	%	40-160
	Chlorobenzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.329	mg/kg dry wt	
		Lab Fort Blk. % Rec.	109.900	%	70-130
	Chloromethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.079	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.100	%	40-130
	Bromomethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.584	mg/kg dry wt	

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LFBLANK-79942					
	Bromomethane	Lab Fort Blk. % Rec.	121.900	%	40-130
	Chloroethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.122	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.100	%	40-160
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.158	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.800	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.312	mg/kg dry wt	
		Lab Fort Blk. % Rec.	109.100	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.516	mg/kg dry wt	
		Lab Fort Blk. % Rec.	118.700	%	70-130
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.257	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.500	%	70-130
	Bromoform	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.736	mg/kg dry wt	
		Lab Fort Blk. % Rec.	129.100	%	70-130
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.211	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.300	%	70-130
	2-Chlorotoluene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.389	mg/kg dry wt	
		Lab Fort Blk. % Rec.	112.700	%	70-130
	Hexachlorobutadiene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.484	mg/kg dry wt	
		Lab Fort Blk. % Rec.	117.200	%	70-130
	Isopropylbenzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.421	mg/kg dry wt	
		Lab Fort Blk. % Rec.	114.200	%	70-130
	p-Isopropyltoluene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.281	mg/kg dry wt	
		Lab Fort Blk. % Rec.	107.600	%	70-130
	n-Propylbenzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.351	mg/kg dry wt	
		Lab Fort Blk. % Rec.	110.900	%	70-130
	sec-Butylbenzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.219	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.700	%	70-130
	tert-Butylbenzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.556	mg/kg dry wt	
		Lab Fort Blk. % Rec.	120.600	%	70-160

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LFBLANK-79942					
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	4.182	mg/kg dry wt	
		Lab Fort Blk. % Rec.	197.300	%	70-130
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	3.137	mg/kg dry wt	
		Lab Fort Blk. % Rec.	148.000	%	40-130
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.192	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.400	%	70-130
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.450	mg/kg dry wt	
		Lab Fort Blk. % Rec.	115.600	%	70-130
	4-Chlorotoluene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.370	mg/kg dry wt	
		Lab Fort Blk. % Rec.	111.800	%	70-130
	Dibromomethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.247	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.000	%	70-130
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.090	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.600	%	70-130
	1,1-Dichloropropene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.151	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.500	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	1.956	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.300	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.136	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.800	%	70-130
	2,2-Dichloropropane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.211	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.300	%	70-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.253	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.300	%	70-130
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.230	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.200	%	70-130
	n-Butylbenzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.056	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.000	%	70-130
	Dichlorodifluoromethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GCMS/VOL-19658

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-79942					
	Dichlorodifluoromethane	Lab Fort Blk. Found	2.558	mg/kg dry wt	
		Lab Fort Blk. % Rec.	120.700	%	40-160
	Bromochloromethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.050	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.700	%	70-130
	Bromobenzene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.321	mg/kg dry wt	
		Lab Fort Blk. % Rec.	109.500	%	70-130
	Acrylonitrile	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.486	mg/kg dry wt	
		Lab Fort Blk. % Rec.	117.300	%	70-160
	Carbon Disulfide	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.187	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.200	%	70-130
	2-Hexanone	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.230	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.200	%	70-160
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.177	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.700	%	70-130
	Diethyl Ether	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.075	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.900	%	70-130
	Bromodichloromethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.355	mg/kg dry wt	
		Lab Fort Blk. % Rec.	111.100	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	3.205	mg/kg dry wt	
		Lab Fort Blk. % Rec.	151.200	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	2.327	mg/kg dry wt	
		Lab Fort Blk. % Rec.	109.800	%	70-130
	Tetrahydrofuran	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	1.706	mg/kg dry wt	
		Lab Fort Blk. % Rec.	80.500	%	70-130
	tert-Butyl Alcohol	Lab Fort Blank Amt.	10.600	mg/kg dry wt	
		Lab Fort Blk. Found	12.433	mg/kg dry wt	
		Lab Fort Blk. % Rec.	117.300	%	40-130
	Diisopropyl Ether	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	1.893	mg/kg dry wt	
		Lab Fort Blk. % Rec.	89.300	%	70-130
	tert-Butylethyl Ether	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	1.982	mg/kg dry wt	

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QC Batch Number: GCMS/VOL-19658

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-79942					
	tert-Butylethyl Ether	Lab Fort Blk. % Rec.	93.500	%	70-130
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	2.120	mg/kg dry wt	
		Lab Fort Blk. Found	1.980	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.400	%	70-130

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QC Batch Number: GCMS/VOL-19659

Sample Id	Analysis	QC Analysis	Values	Units	Limits
08B19207					
	1,2-Dichloroethane-d4	Surrogate Recovery	80.360	%	70-130
	Toluene-d8	Surrogate Recovery	101.600	%	70-130
	Bromofluorobenzene	Surrogate Recovery	98.800	%	70-130
BLANK-118337					
	Acetone	Blank	<0.10	mg/kg dry wt	
	Benzene	Blank	<0.002	mg/kg dry wt	
	Carbon Tetrachloride	Blank	<0.002	mg/kg dry wt	
	Chloroform	Blank	<0.004	mg/kg dry wt	
	1,2-Dichloroethane	Blank	<0.002	mg/kg dry wt	
	1,4-Dichlorobenzene	Blank	<0.002	mg/kg dry wt	
	Ethyl Benzene	Blank	<0.002	mg/kg dry wt	
	2-Butanone (MEK)	Blank	<0.040	mg/kg dry wt	
	MIBK	Blank	<0.020	mg/kg dry wt	
	Naphthalene	Blank	<0.004	mg/kg dry wt	
	Styrene	Blank	<0.002	mg/kg dry wt	
	Tetrachloroethylene	Blank	<0.002	mg/kg dry wt	
	Toluene	Blank	<0.002	mg/kg dry wt	
	1,1,1-Trichloroethane	Blank	<0.002	mg/kg dry wt	
	Trichloroethylene	Blank	<0.002	mg/kg dry wt	
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Blank	<0.010	mg/kg dry wt	
	Trichlorofluoromethane	Blank	<0.010	mg/kg dry wt	
	o-Xylene	Blank	<0.002	mg/kg dry wt	
	m + p Xylene	Blank	<0.004	mg/kg dry wt	
	1,2-Dichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,3-Dichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,1-Dichloroethane	Blank	<0.002	mg/kg dry wt	
	1,1-Dichloroethylene	Blank	<0.004	mg/kg dry wt	
	1,4-Dioxane	Blank	<0.10	mg/kg dry wt	
	MTBE	Blank	<0.004	mg/kg dry wt	
	trans-1,2-Dichloroethylene	Blank	<0.002	mg/kg dry wt	
	Vinyl Chloride	Blank	<0.010	mg/kg dry wt	
	Methylene Chloride	Blank	<0.020	mg/kg dry wt	
	Chlorobenzene	Blank	<0.002	mg/kg dry wt	
	Chloromethane	Blank	<0.010	mg/kg dry wt	
	Bromomethane	Blank	<0.010	mg/kg dry wt	
	Chloroethane	Blank	<0.020	mg/kg dry wt	
	cis-1,3-Dichloropropene	Blank	<0.001	mg/kg dry wt	
	trans-1,3-Dichloropropene	Blank	<0.001	mg/kg dry wt	
	Chlorodibromomethane	Blank	<0.001	mg/kg dry wt	
	1,1,2-Trichloroethane	Blank	<0.002	mg/kg dry wt	
	Bromoform	Blank	<0.002	mg/kg dry wt	
	1,1,2,2-Tetrachloroethane	Blank	<0.001	mg/kg dry wt	
	2-Chlorotoluene	Blank	<0.002	mg/kg dry wt	

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QC Batch Number: GCMS/VOL-19659

Sample Id	Analysis	QC Analysis	Values	Units	Limits
BLANK-118337					
	Hexachlorobutadiene	Blank	<0.002	mg/kg dry wt	
	Isopropylbenzene	Blank	<0.002	mg/kg dry wt	
	p-Isopropyltoluene	Blank	<0.002	mg/kg dry wt	
	n-Propylbenzene	Blank	<0.002	mg/kg dry wt	
	sec-Butylbenzene	Blank	<0.002	mg/kg dry wt	
	tert-Butylbenzene	Blank	<0.002	mg/kg dry wt	
	1,2,3-Trichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,2,4-Trichlorobenzene	Blank	<0.002	mg/kg dry wt	
	1,2,4-Trimethylbenzene	Blank	<0.002	mg/kg dry wt	
	1,3,5-Trimethylbenzene	Blank	<0.002	mg/kg dry wt	
	4-Chlorotoluene	Blank	<0.002	mg/kg dry wt	
	Dibromomethane	Blank	<0.002	mg/kg dry wt	
	cis-1,2-Dichloroethylene	Blank	<0.002	mg/kg dry wt	
	1,1-Dichloropropene	Blank	<0.002	mg/kg dry wt	
	1,2-Dichloropropane	Blank	<0.002	mg/kg dry wt	
	1,3-Dichloropropane	Blank	<0.001	mg/kg dry wt	
	2,2-Dichloropropane	Blank	<0.002	mg/kg dry wt	
	1,1,1,2-Tetrachloroethane	Blank	<0.002	mg/kg dry wt	
	1,2,3-Trichloropropane	Blank	<0.002	mg/kg dry wt	
	n-Butylbenzene	Blank	<0.002	mg/kg dry wt	
	Dichlorodifluoromethane	Blank	<0.020	mg/kg dry wt	
	Bromochloromethane	Blank	<0.002	mg/kg dry wt	
	Bromobenzene	Blank	<0.002	mg/kg dry wt	
	Acrylonitrile	Blank	<0.020	mg/kg dry wt	
	Carbon Disulfide	Blank	<0.006	mg/kg dry wt	
	2-Hexanone	Blank	<0.020	mg/kg dry wt	
	trans-1,4-Dichloro-2-Butene	Blank	<0.004	mg/kg dry wt	
	Diethyl Ether	Blank	<0.020	mg/kg dry wt	
	Bromodichloromethane	Blank	<0.002	mg/kg dry wt	
	1,2-Dibromo-3-Chloropropane	Blank	<0.002	mg/kg dry wt	
	1,2-Dibromoethane	Blank	<0.001	mg/kg dry wt	
	Tetrahydrofuran	Blank	<0.010	mg/kg dry wt	
	tert-Butyl Alcohol	Blank	<0.040	mg/kg dry wt	
	Diisopropyl Ether	Blank	<0.001	mg/kg dry wt	
	tert-Butylethyl Ether	Blank	<0.001	mg/kg dry wt	
	tert-Amylmethyl Ether	Blank	<0.001	mg/kg dry wt	
LFBLANK-79947					
	Acetone	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.067	mg/kg dry wt	
		Lab Fort Blk. % Rec.	168.200	%	50-160
	Benzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.800	%	70-130

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QC Batch Number: GCMS/VOL-19659

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LFBLANK-79947					
	Carbon Tetrachloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.200	%	70-130
	Chloroform	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.700	%	70-130
	1,2-Dichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	108.700	%	70-130
	1,4-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.300	%	70-130
	Ethyl Benzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.300	%	70-130
	2-Butanone (MEK)	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.047	mg/kg dry wt	
		Lab Fort Blk. % Rec.	118.950	%	70-160
	MIBK	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.042	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.700	%	70-160
	Naphthalene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.300	%	40-130
	Styrene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.000	%	70-130
	Tetrachloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.300	%	70-160
	Toluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	90.200	%	70-130
	1,1,1-Trichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.300	%	70-130
	Trichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.900	%	70-130
	1,1,2-Trichloro-1,2,2-Trifluoroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.024	mg/kg dry wt	
		Lab Fort Blk. % Rec.	120.700	%	70-130
	Trichlorofluoromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	

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LFBLANK-79947					
	Trichlorofluoromethane	Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	114.200	%	70-130
	o-Xylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.400	%	70-130
	m + p Xylene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.038	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.300	%	70-130
	1,2-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.000	%	70-130
	1,3-Dichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.600	%	70-130
	1,1-Dichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	94.900	%	70-130
	1,1-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.600	%	70-130
	1,4-Dioxane	Lab Fort Blank Amt.	0.100	mg/kg dry wt	
		Lab Fort Blk. Found	0.133	mg/kg dry wt	
		Lab Fort Blk. % Rec.	133.140	%	40-160
	MTBE	Lab Fort Blank Amt.	0.080	mg/kg dry wt	
		Lab Fort Blk. Found	0.055	mg/kg dry wt	
		Lab Fort Blk. % Rec.	69.700	%	70-130
	trans-1,2-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.200	%	70-130
	Vinyl Chloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	87.600	%	40-130
	Methylene Chloride	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	91.200	%	40-160
	Chlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.900	%	70-130
	Chloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.015	mg/kg dry wt	
		Lab Fort Blk. % Rec.	75.900	%	40-130
	Bromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.025	mg/kg dry wt	

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LFBLANK-79947					
	Bromomethane	Lab Fort Blk. % Rec.	125.400	%	40-130
	Chloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.600	%	40-160
	cis-1,3-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.400	%	70-130
	trans-1,3-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.800	%	70-130
	Chlorodibromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.200	%	70-130
	1,1,2-Trichloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.000	%	70-130
	Bromoform	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.500	%	70-130
	1,1,2,2-Tetrachloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.800	%	70-130
	2-Chlorotoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.200	%	70-130
	Hexachlorobutadiene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	109.900	%	70-130
	Isopropylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.500	%	70-130
	p-Isopropyltoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.900	%	70-130
	n-Propylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	106.000	%	70-130
	sec-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.000	%	70-130
	tert-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.024	mg/kg dry wt	
		Lab Fort Blk. % Rec.	122.400	%	70-160

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QC SUMMARY REPORT

SAMPLE QC: Sample Results with Duplicates
Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
Standard Reference Materials and Duplicates
Method Blanks

Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GCMS/VOL-19659

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-79947					
	1,2,3-Trichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.600	%	70-130
	1,2,4-Trichlorobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.700	%	40-130
	1,2,4-Trimethylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.200	%	70-130
	1,3,5-Trimethylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	102.200	%	70-130
	4-Chlorotoluene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	105.100	%	70-130
	Dibromomethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.021	mg/kg dry wt	
		Lab Fort Blk. % Rec.	107.500	%	70-130
	cis-1,2-Dichloroethylene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	93.300	%	70-130
	1,1-Dichloropropene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	101.700	%	70-130
	1,2-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.018	mg/kg dry wt	
		Lab Fort Blk. % Rec.	92.200	%	70-130
	1,3-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.700	%	70-130
	2,2-Dichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.700	%	70-130
	1,1,1,2-Tetrachloroethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	103.600	%	70-130
	1,2,3-Trichloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.022	mg/kg dry wt	
		Lab Fort Blk. % Rec.	114.000	%	70-130
	n-Butylbenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	99.700	%	70-130
	Dichlorodifluoromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	

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Sample Matrix Spikes and Matrix Spike Duplicates

BATCH QC: Lab fortified Blanks and Duplicates
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Method Blanks

Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GCMS/VOL-19659

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-79947					
	Dichlorodifluoromethane	Lab Fort Blk. Found	0.013	mg/kg dry wt	
		Lab Fort Blk. % Rec.	67.400	%	40-160
	Bromochloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.400	%	70-130
	Bromobenzene	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.500	%	70-130
	Acrylonitrile	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.040	mg/kg dry wt	
		Lab Fort Blk. % Rec.	100.650	%	70-160
	Carbon Disulfide	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.038	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.950	%	70-130
	2-Hexanone	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.035	mg/kg dry wt	
		Lab Fort Blk. % Rec.	87.950	%	70-160
	trans-1,4-Dichloro-2-Butene	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.039	mg/kg dry wt	
		Lab Fort Blk. % Rec.	97.600	%	70-130
	Diethyl Ether	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.039	mg/kg dry wt	
		Lab Fort Blk. % Rec.	98.050	%	70-130
	Bromodichloromethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.020	mg/kg dry wt	
		Lab Fort Blk. % Rec.	104.700	%	70-130
	1,2-Dibromo-3-Chloropropane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.600	%	70-130
	1,2-Dibromoethane	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.019	mg/kg dry wt	
		Lab Fort Blk. % Rec.	95.800	%	70-130
	Tetrahydrofuran	Lab Fort Blank Amt.	0.040	mg/kg dry wt	
		Lab Fort Blk. Found	0.039	mg/kg dry wt	
		Lab Fort Blk. % Rec.	96.900	%	70-130
	tert-Butyl Alcohol	Lab Fort Blank Amt.	0.100	mg/kg dry wt	
		Lab Fort Blk. Found	0.078	mg/kg dry wt	
		Lab Fort Blk. % Rec.	78.340	%	40-130
	Diisopropyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.016	mg/kg dry wt	
		Lab Fort Blk. % Rec.	84.500	%	70-130
	tert-Butylethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	

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BATCH QC: Lab fortified Blanks and Duplicates
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Method Blanks

Report Date: 6/6/2008 Lims Bat # : LIMT-16341

QC Batch Number: GCMS/VOL-19659

Sample Id	Analysis	QC Analysis	Values	Units	Limits
LFBLANK-79947					
	tert-Butylethyl Ether	Lab Fort Blk. % Rec.	85.100	%	70-130
	tert-Amylmethyl Ether	Lab Fort Blank Amt.	0.020	mg/kg dry wt	
		Lab Fort Blk. Found	0.017	mg/kg dry wt	
		Lab Fort Blk. % Rec.	86.200	%	70-130

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QC SUMMARY REPORT

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Method Blanks

NOTES:

QC Batch No. : GCMS/VOL-19657
Sample ID : 08B19206
Analysis : 1,4-Dioxane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

QC Batch No. : GCMS/VOL-19657
Sample ID : 08B19206
Analysis : 2-Butanone (MEK)

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

QC Batch No. : GCMS/VOL-19657
Sample ID : 08B19206
Analysis : Acetone

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE SAMPLE RESULT IS "NOT DETECTED" AND RECOVERY BIAS IS ON THE HIGH SIDE FOR THIS COMPOUND.

QC Batch No. : GCMS/VOL-19657
Sample ID : 08B19206
Analysis : Dichlorodifluoromethane

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No. : GCMS/VOL-19657
Sample ID : 08B19206
Analysis : MTBE

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No. : GCMS/VOL-19657
Sample ID : 08B19206
Analysis : tert-Butyl Alcohol

MATRIX SPIKE RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANALYSIS IS IN CONTROL BASED ON LABORATORY FORTIFIED BLANK RECOVERY. POSSIBILITY OF SAMPLE MATRIX EFFECTS THAT LEAD TO LOW BIAS FOR REPORTED RESULT CANNOT BE ELIMINATED.

QC Batch No. : GCMS/VOL-19657
Sample ID : LFBLANK-79938
Analysis : Bromomethane

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

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QC SUMMARY REPORT

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QC Batch No. : GCMS/VOL-19658
Sample ID : LFBLANK-79942
Analysis : 1,2,3-Trichlorobenzene

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No. : GCMS/VOL-19658
Sample ID : LFBLANK-79942
Analysis : 1,2,4-Trichlorobenzene

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No. : GCMS/VOL-19658
Sample ID : LFBLANK-79942
Analysis : 1,2-Dibromo-3-Chloropropane

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No. : GCMS/VOL-19658
Sample ID : LFBLANK-79942
Analysis : Naphthalene

LABORATORY FORTIFIED BLANK RECOVERY IS OUTSIDE OF CONTROL LIMITS. ANY REPORTED VALUE FOR THIS COMPOUND IS LIKELY TO BE BIASED ON THE HIGH SIDE.

QC Batch No. : GCMS/VOL-19659
Sample ID : LFBLANK-79947
Analysis : Acetone

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. DATA VALIDATION IS NOT AFFECTED SINCE ALL RESULTS ARE "NOT DETECTED" FOR ALL SAMPLES IN THIS BATCH FOR THIS COMPOUND AND BIAS IS ON THE HIGH SIDE.

QC Batch No. : GCMS/VOL-19659
Sample ID : LFBLANK-79947
Analysis : MTBE

LABORATORY FORTIFIED BLANK RECOVERY OUTSIDE OF CONTROL LIMITS. ANY REPORTED RESULT FOR THIS COMPOUND IN THIS BATCH IS LIKELY TO BE BIASED ON THE LOW SIDE.

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QC SUMMARY REPORT

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Sample Matrix Spikes and Matrix Spike Duplicates

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QUALITY CONTROL DEFINITIONS AND ABBREVIATIONS

QC BATCH NUMBER	This is the number assigned to all samples analyzed together that would be subject to comparison with a particular set of Quality Control Data.
LIMITS	Upper and Lower Control Limits for the QC ANALYSIS Reported. All values normally would fall within these statistically determined limits, unless there is an unusual circumstance that would be documented in a NOTE appearing on the last page of the QC SUMMARY REPORT. Not all QC results will have Limits defined.
Sample Amount	Amount of analyte found in a sample.
Blank	Method Blank that has been taken though all the steps of the analysis.
LFBLANK	Laboratory Fortified Blank (a control sample)
STDADD	Standard Added (a laboratory control sample)
Matrix Spk Amt Added	Amount of analyte spiked into a sample
MS Amt Measured	Amount of analyte found including amount that was spiked
Matrix Spike % Rec.	% Recovery of spiked amount in sample.
Duplicate Value	The result from the Duplicate analysis of the sample.
Duplicate RPD	The Relative Percent Difference between two Duplicate Analyses.
Surrogate Recovery	The % Recovery for non-environmental compounds (surrogates) spiked into samples to determine the performance of the analytical methods.
Sur. Recovery (ELCD)	Surrogate Recovery on the Electrolytic Conductivity Detector.
Sur. Recovery (PID)	Surrogate Recovery on the Photoionization Detector.
Standard Measured	Amount measured for a laboratory control sample
Standard Amt Added	Known value for a laboratory control sample
Standard % Recovery	% recovered for a laboratory control sample with a known value.
Lab Fort Blank Amt	Laboratory Fortified Blank Amount Added
Lab Fort Blk. Found	Laboratory Fortified Blank Amount Found
Lab Fort Blk % Rec	Laboratory Fortified Blank % Recovered
Dup Lab Fort Bl Amt	Duplicate Laboratory Fortified Blank Amount Added
Dup Lab Fort Bl Fnd	Duplicate Laboratory Fortified Blank Amount Found
Dup Lab Fort Bl % Rec	Duplicate Laboratory Fortified Blank % Recovery
Lab Fort Blank Range	Laboratory Fortified Blank Range (Absolute value of difference between recoveries for Lab Fortified Blank and Lab Fortified Blank Duplicate).
Lab Fort Bl. Av. Rec.	Laboratory Fortified Blank Average Recovery
Duplicate Sample Amt	Sample Value for Duplicate used with Matrix Spike Duplicate
MSD Amount Added	Matrix Spike Duplicate Amount Added (Spiked)
MSD Amt Measured	Matrix Spike Duplicate Amount Measured
MSD % Recovery	Matrix Spike Duplicate % Recovery
MSD Range	Absolute difference between Matrix Spike and Matrix Spike Duplicate Recoveries

CON-TEST ANALYTICAL LABORATORY
39 Spruce Street
East Longmeadow, MA 01028-0591

Frac. Check Gilson Fractionator (FCS)

Silica Lot:	*S212-34*	Vendor:	PHENOMENEX
Frac Check Lot:	040308 PJG	Amount of DCM collected:	5000 ul
Hexane Lot:	48031	Amount of Hexane collected:	1500 ul
DCM Lot:	48011		
Acetone Lot:	48011	Data File:	040308 B086.D

Compound	Conc.(ppm)	1500ul	% REC	Limits
Naphthalene	50	42.184	84%	40-140
2-Methylnaphthalene	50	45.351	91%	40-140
Acenaphthalene	50	46.426	93%	40-140
Acenaphthene	50	48.847	98%	40-140
Fluorene	50	46.780	94%	40-140
Phenanthrene	50	47.263	95%	40-140
Anthracene	50	49.241	98%	40-140
o-Terphenyl (surr)	50	47.724	95%	40-140
Fluoranthene	50	48.794	98%	40-140
Pyrene	50	50.445	101%	40-140
Benzo(a)anthracene	50	49.484	99%	40-140
Chrysene	50	51.073	102%	40-140
Benzo(b)fluoranthene	50	48.142	96%	40-140
Benzo(k)fluoranthene	50	49.764	100%	40-140
Benzo(a)pyrene	50	49.565	99%	40-140
Indeno(123cd)pyrene	50	45.911	92%	40-140
Dibenzo(ah)anthracene	50	49.095	98%	40-140
Benzo(ghi)perylene	50	48.134	96%	40-140
C9	50	38.967	78%	30-140
C10	50	41.277	83%	40-140
C12	50	44.207	88%	40-140
C14	50	43.780	88%	40-140
C16	50	45.787	92%	40-140
C18	50	47.178	94%	40-140
C19	50	47.236	94%	40-140
C20	50	48.008	96%	40-140
1-Chloro-octadecane (surr)	50	40.278	81%	40-140
C22	50	46.447	93%	40-140
C24	50	48.823	98%	40-140
C26	50	42.960	86%	40-140
C28	50	42.960	86%	40-140
C30	50	43.243	86%	40-140
C36	50	45.682	91%	40-140
Fractionation Surrogates				
2-Flourobiphenyl	50	49.341	99%	40-140
2-Bromonaphthalene	50	42.830	86%	40-140
Aliphatic Bleed thru			% (<5%)	
Naphthalene	0		0.000	
2-Methylnaphthalene	0		0.000	

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CHAIN OF CUSTODY RECORD

Limt-16341

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: Pennoni Associates Inc.
Address: 100 Burtt Rd Ste 120
Andover MA 01810
Attention: Jeff Brunelle
Project Location: 1660 Storrs Rd, Storrs CT
Sampled By: JNB

Telephone: (978) 749-9929
Project # RGM 0801
Client PO #

DATA DELIVERY (check one):
☒ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax #: 9920
Email: jbrunelle@pennoni.com
Format: ☐ EXCEL ☐ PDF ☐ GIS KEY
☐ OTHER

Proposal Provided? (For Billing purposes) ☐ yes ____ proposal date
State Form Required? ☐ yes ☐ no

Field ID	Sample Description	Lab # 08B	Date Sampled Start Date/Time	Stop Date/Time	Comp-osite	Grab	*Matrix Code	Conc. Code	EPH	VOC											# of containers / **Preservation / ~Cont.Code
									1	1											
									3	3											
									6	2											
B-1	6-9'	19206	5.28.08	1000		✓	S	L	X	X											
P-2	2-4'	19207	↓	11:20		✓	S	M	X	X											
P-3	5-7'	19208	↓	1230		✓	S	H	X	X											
	⊗ Per Alan who spoke w/ Jeff B, he does want 2pm. Fred 5/30/08																				
		DI VIALS / ENCORE																			

ANALYSIS REQUESTED

~Cont. Code: A=amber glass, G=glass, P=plastic, ST=sterile, V=vial, S=summa can, T=tedlar bag, O=Other

Client Comments:

Laboratory Comments:
FROZEN AT: 05-29-08 16:05 OUT

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in **Matrix/Conc.** Code Box:
H - High; **M** - Medium; **L** - Low; **C** - Clean; **U** - Unknown

Relinquished by: (signature)	Date/Time: 5/29/08 2:19
Received by: (signature)	Date/Time: 5/29/08 2:19
Relinquished by: (signature)	Date/Time: 5/29/08 3:15
Received by: (signature) Scott	Date/Time: 5/29/08 1815

Turnaround **
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? CT STANDARDS
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's:

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

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

SE 06 PM

con-test ANALYTICAL LABORATORY

www.contestlabs.com

39 Spruce Street
East Longmeadow, MA
Phone: 1-413-525-2332
Fax: 1-413-525-6405

SAMPLE RECEIPT CHECKLIST

CLIENT NAME: Pennoni
RECEIVED BY: CEO DATE: 5/29/08

1. Was chain of custody relinquished and signed? YES NO
2. Does Chain agree with samples? YES NO

If not, explain:

3. All Samples in good condition? YES NO

If not, explain:

4. Were samples received in compliance with Temperature 0-6 degrees C? YES NO

Degrees by temp blank 3-0C
Degrees by temp gun

5. Are there any dissolved samples for the lab to filter? YES NO

Who was notified? Date: Time:

6. Are there any on hold samples? YES NO STORED WHERE:

7. ARE THERE ANY RUSH OR SHORT HOLDING TIME SAMPLES? WHO WAS NOTIFIED? DATE TIME

8. Location where samples are stored: 1B

Permission to sub-contract samples? Yes No (circle)
(Walk in clients only) if not already approved.
Client Signature

CONTAINERS SENT IN TO CON-TEST	# of container
1 liter amber	
500 ml amber	
250 ml amber (8oz. Amber)	3
1 liter plastic	
500 ml plastic	
250 ml plastic	
40 ml vial—which kind—list below	8/12
Colisure bottle	
Dissolved oxygen bottle	
Flashpoint bottle	

CONTAINERS SENT TO CON-TEST	# of containers
Air Cassettes	
8 oz clear jar	
4 oz clear jar	
2 oz clear jar	
Plastic bag	
Encore	
Brass Sleeves	
Tubes	
Summa cans	
Other	

Laboratory comments: TB Sent but not on C.o.c.

# of HCL Vial ____ # of Methanol vials 8 # of Sodium Bisulfate vials ____
# of DI water(to be frozen) vials 8 Time and Date when frozen 05-29-08 16:04 OUT
Do all the samples have the correct pH levels? YES NO If no, please explain above

		Dec-90	May-91	Aug-91	Oct-91	Mar-92	Jul-92	Jan-93	Sep-93	Jun-94	Nov-94	Apr-95	Nov-95	Mar-96	Aug-96	Oct-96	Apr-97	May-97	Nov-97	May-98	Aug-98	Jan-99	Aug-99	Mar-00	May-00	Jun-00	Jul-00	Feb-01	Jul-01	Aug-01	Sep-01	Oct-01	Dec-01	Jan-02	Feb-02	Mar-02	Apr-02	May-02	Jun-02	Oct-02	Jan-03	Mar-04	Apr-05	Jul/Aug-	May-07	Mar-08	Mar-09	Apr-09
B&D Package	1650/1646 Storrs Rd.																																															
Pizza Corner	1,2 dichloroethane	1.5	1.6	0.9	1.7	1.2	1.2	0.5	0.8	ND	0.9	0.8	1.2	0.7		<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5							<.5											ND	ND		N/A	N/A		CLOSED
	1,2 dichloropropane	1.5	1	1.4	1.4	2	1.4	1.1	0.9	ND	0.7	0.9	1.2	0.7		<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5							<.5											ND	ND		N/A	N/A		
	Chlorobenzene	ND	ND	ND	ND	ND	<.5	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND							ND											ND	ND		N/A	N/A		
	MTBE						ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND							<.5											0.5	ND		N/A	N/A		
	Toluene						ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND							<.5											ND	ND		N/A	N/A		
	2-chlorotulene						ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND							7.3											ND	ND		N/A	N/A		
	4-chlorotulene						ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND							<.5											ND	ND		N/A			
	Treated Water (ACF)																																															
	1,2 dichloroethane	<.5	0.5	0.8	0.7	ND	ND	<0.5	0.5	<0.5	<0.5	0.5	0.7	0.7		0.6	0.5		<.5	<.5							<.5			<.5									<0.5		ND	ND	ND	N/A	N/A		
	1,2 dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.5		<0.5	<0.5		<.5	<.5							<.5			<.5									<0.5		ND	ND	ND	N/A	N/A		
	2-chlorotoluene							ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND							ND												ND		ND	ND	ND	N/A	N/A		
	4-chlorotulene							ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND							ND												ND		ND	ND	ND	N/A	N/A		
	MTBE							ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND							<.5												<0.5		<0.5	ND	<.5	N/A	N/A		
	Toluene							ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	ND							ND												ND		ND	ND	ND	N/A	N/A		
1645 Storrs Rd.	1645 Storrs Rd.	ND	ND	ND	ND	ND	ND	ND	ND																																	ND	ND				
																																										ND					
632 Middle Tpke	CVS																																															
	Dichloromethane																											1.25											ND		ND	ND	ND	ND	ND		ND
	Toluene																											0.53											<0.5		<0.5	ND	ND	ND	ND		ND
	MTBE																											ND											2.3		0.8	<0.5	ND	ND	ND		ND
	T-amyl methyl ether																											ND											1.2		<0.5	ND	ND	ND	ND		ND
																																										ND					
Public America	1659 Storrs Rd.																																															
Raw Water	1,2 dichloroethane	1.6	2	1.7	2.2	2.1	1.9	1.3	2	1.7						1.5															ND	ND	ND						ND		BDL	<0.5	<0.5	ND	ND	N		<0.5
	1,2 dichloropropane	1.2	1.3	1.3	1.2	1.4	1.4	1.4	1.3	1.2						0.9															ND	ND	ND						ND		BDL	<0.5	<0.5	ND	ND	N		<0.5
	MTBE	<.5	ND	1.5	<0.5	0.5	<0.1	ND	ND	<0.5						<.5															3.8	4.4	ND						ND		5	14	9.5	ND	ND	N		21
	1,1 dichloroethane	0.5	ND	ND	ND	ND	ND	ND	ND	ND						ND															ND	ND	ND						ND		BDL	ND	ND	ND	ND	N		ND
Mid Treatment																																											ND					
	1,2 dichloroethane																														ND	ND	ND	ND	ND	ND	ND		ND				ND					
	1,2 dichloropropane																														ND	ND	ND	ND	ND	ND	ND		ND				ND					
	MTBE																														ND	ND	ND	ND	ND	ND	ND		ND				ND					
	1,1 dichloroethane																														ND	ND	ND	ND	ND	ND	ND		ND				ND					
Treated Water																																											ND					
	1,2 dichloroethane																														ND	ND	ND	ND	ND	ND	ND	ND	ND				ND					ND
	1,2 dichloropropane																														ND	ND	ND	ND	ND	ND	ND	ND	ND				ND					ND
	MTBE																														ND	ND	ND	ND	ND	ND	ND	ND	ND				ND					1.5
	1,1 dichloroethane																														ND	ND	ND	ND	ND	ND	ND	ND	ND				ND					ND
Zenny's	625 Middle Tpke.															0.6									5.22																							
Raw	1,2 dichloroethane	0.7	<0.5	0.9	0.6	0.8	<0.5	<0.5	<0.5	<0.5	ND	ND	ND	ND		ND	ND	<0.5	ND	ND	ND	ND			ND				<0.5									0.5		ND	ND	0.5	<.5	<0.5	ND*	
	MTBE	24	30	42	35	28	7.2	19	11	23	6.8	3.9	6.7	ND		0.6	2.3	2.3	4.8	5.8	ND	6.3			ND				15									17		12	5	29	31	34	ND*	
	benzene	2.1	2.8	3.1	0.9	<0.5	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND			0.77				ND									ND		ND	ND	ND	ND	ND	ND*	
	tetrachloroethylene	ND	<0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND			ND				ND									ND		ND	ND	ND	ND	ND	ND*	
	Toluene	ND	ND	ND	<0.5	0.6	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND			ND													ND		ND	ND	ND	ND	ND	ND*	
	T-butyl alcohol																																						2.7			<10	<.5	ND	ND		
Treated Water (Kitchen ACF)																																																
	MTBE	15	30	2.1	9.8	ND	1.2	16	38	3.3	8.7	8.9	6.8	ND		0.6	2.6							ND	4.86																	4.7				0.59*	
	1,2 dichloroethane	<0.5	<0.5	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND							ND	ND																	ND				ND*	
	1,1,1 trichloroethane	<0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND							ND	ND																	ND				ND*	
	benzene	<0.5	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND							ND	0.68																	ND				ND*	
	toluene																							0.85	ND																	ND				ND*	
Treated Water (Banquet ACF)																																																
	MTBE			35		28	<0.5	5.2	22	ND	<0.5	0.5		0.8			4						4.7		6.65		ND												18	8.37		ND						
	1,2 dichloroethane			<0.5		ND	ND	ND	ND	ND	ND	ND		ND			ND						<.5		ND		ND												0.5	ND		ND						
	1,1,1 trichloroethane			0.7		ND	ND	ND	ND	ND	ND	ND		ND			ND						ND		ND		ND												ND	ND		ND						
	toluene																						ND		0.81		ND												ND	ND		ND						
	1,1 dichloroethane																						ND		1.34		ND												ND	ND		ND						
	T-butyl alcohol																						ND		ND		ND												3.3			<10						
New Well Treated Water																																																
	MTBE																										ND	5.6		10.4													ND					
	1,2 dichloroethane																										ND	ND		ND													ND					
	1,1,1 trichloroethane																										ND	ND		ND													ND					
	benzene																										ND	ND		ND													ND					
New Well Untreated Water																																																
	MTBE																																									12	ND					
	1,2 dichloroethane																																									ND	ND					
	benzene																																									ND	ND					
	tetrachloroethane																																									ND	ND					
	Toluene																																									ND	ND					
	11-1-99 collection pt. Unknown, raw/treated unknown all parameters tested were found to be ND																																										ND					
	8-21-01 raw/treated unknow	1,2 dichloroethane	<0.5	MTBE approx. 15	MTB																																					ND					
																																										ND					
																																										ND					
Kathy John's	643 Middle Tpke																																															
(Citgo)	1,2 dichloroethane	<0.5	<0.5	ND	ND	<0.5	<0.5	ND	ND								ND	ND	<0.5					BDL				BDL			<0.5								<0.5	BDL	ND	ND	ND	ND	ND		CLOSED
	1,2 dichloropropane	<0.5	ND	ND	ND	<0.5	<0.5	ND	ND								ND	ND	<0.5					BDL				BDL			<0.5								<0.5	BDL	ND	<0.5	ND	ND	ND		
	1,4 dichlorobenzene	2.8	ND	ND	ND	ND	ND	ND	ND								ND	ND	ND					BDL				BDL			<0.5								ND	BDL	ND	ND	ND	ND	ND		
	8-21-01unknown, raw/treated	1,2 dichloroethane	<0.5	1,3 dichloropropane	<0.5																																			BDL	ND		ND					
																																											ND					
Dick's Auto	644 Middle Tpke																																															
	1,2 dichloroethane								BDL						BDL		ND	ND																					ND		ND	ND	ND	ND	ND		ND
	1,2 dichloropropane								BDL						BDL			ND																					ND		ND	ND	ND	ND	ND		ND
	1,4 dichlorobenzene								BDL						BDL			ND																					ND		ND	ND	ND	ND	ND		ND
	MTBE																	ND																					0.6		ND	ND	ND	ND	ND		ND
	Toluene								BDL						BDL			ND																					<0.5		ND	ND	ND	ND	ND		ND
	T-amyl methyl ether																																						<0.5		ND	ND					
																																											ND					
Subway Development	650 Middle Tpke																																									CLOSED						
	1,2 dichloroethane							1.3	3.8	3	2.1	1.4	2.8	1.6		2.2	2.3	2.6	1.9	1.2		1.6					2.2				1.6								1.3			<0.5	<.5	<.5	CLOSED		CLOSED
	1,2 dichloropropane							2.3	3.8	2.6	1.5	1.7	2.8	1.8		2.7	3	3	1.7	1.4		1.7					2.9				1.6								1.3			<0.5	<.5	<.5			
	Chlorobenzene							ND	<0.5	<0.5	<0.5	ND	<0.5	<0.5		<0.5	ND	ND	<0.5	<0.5		<0.5					<0.5				<0.5								<0.5			ND	ND	ND			
	8-21-01 unknown raw/treated	Chlorobenzene <0.5 ug/l,	1,2 dichloroethane 1.6 ug/L,	1,1 dichloropropane 1.6 ug/L																																							ND					

* Sampled by Kleinfelder for DEP/ExxonMobil Corp.

GENERATOR SUMMARY REPORT

1/1/1984 thru 12/31/2007

Generator EPA ID: **CTP000010966**

Generator Name, Address, and Zipcode: REPUBLIC OIL
RT 44 A
STORRS , , USA

MANIFEST	DTSHIPPED	US DOT DESC	HAZ CL	UNNA	# OF CONT	CONT TYPE	QTY	WT/VO	EPA CODE	BATCH#
CTC0203565										
	4/18/1989	WASTE FLAMMABLE LIQUID, NOS	FLAMM	1993	001	TT	2206	G	D001	999999

APPENDIX B

PHOTOGRAPHS

View from former Citgo, looking south across the intersection of Storrs Road and Middle Turnpike

View from former Citgo, looking southeast across Middle Turnpike

View from former Citgo, looking southeast across Middle Turnpike

View of former Citgo, from the north

View of former Citgo from the west

View for former Citgo from the southwest

Views of the interior service bays of the former Citgo station

Location of former fuel oil aboveground storage tank, located at the northwestern exterior of the former Citgo service station building

Furnace, located in the northwestern portion of the former Citgo station building

Air compressor, located in the northwestern portion of the former Citgo station

View of the former Kathy John's Restaurant from the south

View of septic leach field, located to the northwest of the former Kathy John's Restaurant

Views of the mercurial flotation device for the septic leach field, located to the northwest of the former Kathy John's Restaurant

Drainage outlet, located to the west of the septic leach field

1,000-gallon No. 2 fuel oil aboveground storage tank, northwestern of the former restaurant

Views of the fuel oil heating furnace, located in the “Down Draft Room” of the former Kathy John’s Restaurant

APPENDIX C

ASSESSOR DATA

LAND USE CODES

1 AGRICULTURAL
00 vacant land
01 grain/gen farm
02 livestock o/t 03 & 04
03 dairy farm
04 poultry farm
05 fruit & nut farms
06 vegetable farms
07 tobacco farms
08 nurseries
09 greenhouses
20 timber
99 other agricultural
2 MINERAL (See Detail)
3 INDUSTRIAL
00 vacant land
10 food & drink
20 foundries & heavy mfg.
30 medium mfg. & assembly
40 light mfg. & assembly
50 industrial warehouse
60 industrial truck terminal
70 small shops
80 mines & quarries
90 grain elevators
99 other indust. structures
4 COMMERCIAL
00 vacant land
01 4-19 apt. rental units.
02 20-39 apt.rental units
03 40 or more apt. rental units
10 motels or tourist cabins
11 hotels
12 nursing homes & hospitals
15 mobile home parks
16 Comm. camp grounds
19 other Comm. housing
20 small det. retail (-10000)
21 supermarkets
22 discount & Jr. dept. stores
24 full line deptment stores
25 neighborhood shop center
26 community shop. center
27 regional shopping center
29 other retail structures
30 rest. cafe and/or bar
35 drive-in restaurant
39 other food service struct.
40 dry clean plant / laundry
41 funeral home
42 medical clinic
44 full service banks
45 savings and loans
47 office bldg. - 1 or 2 story
48 office o/t 47 walk-up
49 office o/t 47 elevator
52 auto service station
53 car washes
54 auto sales & service
55 commercial garage
56 parking lot or structure
60 theaters
61 drive - in theater
62 golf range or min. course
63 golf course
64 bowling alleys
65 lodge halls / amuse. parks
80 commercial warehouse
82 comm. truck terminals
90 marine service facilities
96 marinas (small boats)
99 other comm. structures

5 RESIDENTIAL
0 vacant land
1 one family dwelling
2 two family dwelling
3 three family dwelling
5 condominium unit
6 house trailer (real)
0 platted lot
1 unplatted 0-09.99 acs.
2 unplatted 10-19.99 acs.
3 unplatted 20-20.99 acs.
4 unplatted 30-39.99 acs.
5 unplatted 40
99 other res.structures
6 EXEMPT
00 owned by USA
10 owned by State
20 owned by Counties
30 owned by Townships
40 owned by Municipalities
45 Metro Housing Authorities
50 owned by Bd. of Education
60 owned by Park District
70 owned by colleges, etc.
80 charitable exemptions
85 churches, public worship
90 cemetery/monuments

MANSFIELD Address 1660 STORRS RD 05/10/2011 2

Owner: LAHAN P.MICHAEL & LAGAN DEBORAH L &
BOUKUS AMANDA CO-TRUSTEES FBO:
53 LAFAYETTE STREET
NORWICH, CT 06360

ExCode Amount

Book / Page 423 246

Developers Lot # Census 8813
Zoning PB3

002/0008/0012 Card 1A of 1
Work Year: 2011
Land Use Code C452 Prop Type 4 COMMERCIAL
Neighborhood 51000 Desirability AVERAGE
Comm/Ind Area 1
Comm/Ind Type RURAL AREA COMMERCIAL
Comm/Ind Desirabilty Cost AVERA Income AVERA

LAND DATA AND COMPUTATIONS

.720 Acres

Land Type	Size Frontage	Size Depth	Base Rate	Rate Fct 1	Rate Fct 2	Adjusted Rate	Base Value	Other Code	Adjust Factor	Value
SFA	31363 SF		6.50			6.50	203860			203900

Total Acreage .720 Total Land Value 203900

OWNER HISTORY

Name	Book	Page
JONES KATHLEEN A & KOZELKA JOHN J	423	246
KOZELKA AMELIA G EST	364	192
REPUBLIC REALTY INC	302	445
REPUBLIC REALTY INC	265	232

SALES HISTORY

Date	Price	Book	Page	Qual	Lnd Onl
09/22/1999		423	246	N	N
07/31/1995		364	192		
11/20/1990		302	445		

PROPERTY CHARACTERISTICS

01 TOPO-ELEV		**07 STREET AMNTS**	
Street Level	1X	Curb & Gutter	1
Above Street	2	Sidewalk	2
Below Street	3	Alley	3
		None	4
02 TOPO-TERRAIN			
Rolling	1	**08 LOC REGION**	
Steep	2	Urban	1
Low	3	Suburban	2
		Rural	3
03 TOPO-EXTREME		Business District	4
Swampy	1	Industrial	5
Ledge	2		
		09 LOC ENHANCE	
04 PUBLIC UTIL		Recreational	1
All	1	Waterfront	2
Water	2		
Sewer	3	**10 LOC RESTRICT**	
Gas	4	Flood Plane	1
		Easement/Public	2
05 PRIVATE UTIL		Non-Conforming	3
Well	1X	Obstructions	4
Septic	2X	Zoning	5
		Non-Buildable	6
06 STREET/ROAD			
Paved	1X		
Semipaved	2		
Unpaved	3		
Propose	4		

LAND TYPE

S SQUARE FEET
1 Primary Site (CALP)
2 Primary Site (App Rate)

A ACREAGE
1 Primary Site (App Rate)
2 Exc Fmt Ac (App Rate)
3 Exc Rear Ac (App Rate)
F# Exc Fmt Ac (CALP) (# depends on zoning)
R# Exc Rear Ac (CALP) (# depends on zoning)

G GROSS
1 SITE VALUE

LAND ADJUSTMENTS
1 TOPOGRAPHY
2 UTILITIES
3 STREET/ROAD
4 LOCATION

MEMORANDUM

KCRO - FLDSS :
V.423-PG.246 CO-TRUSTEES OF THE TRUST CREATED UNDER
ARTICLE SIXTH(A)OF THE LAST WILL AND TESTAMENT OF
AMELIA G KOZELKA FBO KATHLEEN JONES 60% INTEREST;
TO P.MICHAEL LAHAN & KATHLEEN A JONES CO TRUSTEES OF
TRUST CREATED NDER ARTICLE SIXTH(B)OF LAST WILL &TESTAMENT
OF AMELIA G. KOZELKA DOD 9/20/1994-
JOHN JOSEPH KOZELKA A 40% INTEREST
-CERT OF DEVISE & DESCENT
(SEE QTC V.364 PG.192)REPUBLIC REALTY INC
TO EST OF AMERLIA G KOZELKA RECORDED 7/31/1995
TEXACO REPLACED TANKS-1990 SURVEY V.21PG.14
CLOSED MARCH 2008-VACANT
11/15/1954 V.76 PG.351;12/21/87 V.265 PG.232
CORRECTING DEED V.270 PG.476 5/31/1988

BUILDING PERMITS

DATE	NUMBER	AMOUNT	PURPOSE

COMPARABLE SALES

Parcel	Date	Adjusted Price	Points

VALUE HISTORY

Use	Quantity	Appraised Value	Assessed Value
COMM LAND	.720	203900	142730
COMM BUILD	1.00	27300	19110
COMM OUTBL	4.00	28700	20090
2011	Total	259900	181930
COMM LAND	.720	203900	142730
COMM BUILD	1.00	27300	19110
COMM OUTBL	4.00	28700	20090
2010	Total	259900	181930

VALUE SUMMARY

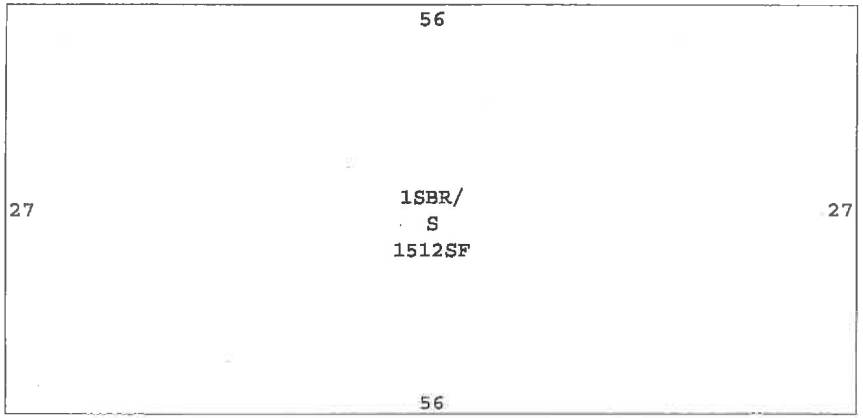
	Land	Improvement	Total
Cost	203900	56000	259900
FVC	203900	56000	259900

TOWN OF MANSFIELD - COMMERCIAL PROPERTY RECORD CARD

IMPROVEMENT DATA AND COMPUTATIONS

002/0008/0012 Card 1A of 1 Work Year: 2011 1660 STORRS RD

BUILDING INFORMATION	
LAND USE	
STATE USE	2-2
IMP STYLE	SERV STNT - 3
ENTRY	INSPECTION
IDENTICAL BUILD X	1
BASE AREA	1512
BASE PERIMETER	166
NUMBER OF STORIES	1
NUMBER OF FIXTURES	6
UNIT Type	N/A
Number	
HVAC	NONE
ROOF STR	GABLE OR HIP
ROOF COV	ASPH/F GLASS/C
GRADE	C
YEAR BUILT	1964
YEAR REMOLDED	
EFF YEAR BUILT	1980
EFFECTIVE AGE	29
LIFE	30 YEAR LIFE
CONDITION	AVERAGE
NORMAL DEP	55
OBSOLESCENCE	30
OVERRIDE	



		B	C
LEVEL / SECTION	001/001	/	/
PRICING KEY	400		
PRICE KEY MODEL	SERVICE STATION		
FRAMING TYPE	MASONRY		
EXTERIOR WALL	BRICK OR EQUAL		
EFF AREA	1512		
EFF PERIMETER	166		
P.A.R. / FLR LVL HT	11 12		
AREA FACTOR	1.00		
PRICE KEY RATE	111.70		
FRAME / FLR HT ADJs			
BASE RATE / BPA FCT	111.70 1.00		
SUB -TOTAL	111.70		
TYPE OF UNITS	N/A		
NO OF UNITS			
SPRINK PCT / ADJ			
HEATING	HOT WATER		
AIR CONDITION	NONE		
HEAT / AIR ADJs			
LIGHTING / ADJ			
D W FINISH			
DIV WALLS	AVERAGE - NO AD		
D W FIN / D W ADJs			
CEILING	CEILING & WALLS		
CEILING AREA / ADJ			
FLR FINISH	CONCRETE FINISH		
INT WALLS	MINIMUM/MASONRY		
FL FIN / INT WL ADJs			
OTH ADJ / LVL MULT	1		
TOT RATE / AREA FCT	111.70 x 1.00	x	x
APPLIED AREA	1512		
SUB -TOTAL	168900		
EXTERIOR FEATURES		1-1 of 1 Level Sections	
PLUMBING	13400		
UNIT FINISH			
GRADE 1.00			
SPECIAL FEATURE			
RCN TOTAL	182300		

IMPROVEMENTS/SPECIAL FEATURES

SUMMARY OF IMPROVEMENTS

Sket ID	Use	Story Height	Const. Type	Size or Area	No. Un.	Base Rate	Feat	Adj. Rate	Grade	Year Built	Year Rmld	Eff. Year	Con	RCN	Depreciation NO/OB/OR	Value
—	Building	1							C	1964		1980	AV	182300	55/30/	27300
1	ASPHALT P			30000		2.25		2.25	C	1964		1977	AV	67500	80/ /	13500
2	SGN3			26		126.85		126.85	C	1964		1980	AV	3300	70/ /	1000
3	LT2			2		1812.95		1812.95	C	1964		1980	AV	3600	70/ /	1100
4	CNP1			1536		13.15		13.15	C	1991		1991	AV	20200	35/ /	13100

SPECIAL FEATURES

Value by Card Detach Total 28700

Collector/Date BILL MARSELE 02/27/2000 Appraiser/Date APPRAISAL 01/04/2010 Value by Card Total 56000

MANSFIELD
Owner: JONES KATHLEEN A
15 LAKEVIEW PARK
P O BOX 36
COLUMBIA, CT 06237

Address 643 MIDDLE TPKE

05/10/2011 1
ExCode Amount

002/0008/0013

Card 1 of 1
Work Year: 2011

Land Use Code C430 Prop Type 4 COMMERCIAL
Neighborhood 51000 Desirability AVERAGE
Comm/Ind Area 1
Comm/Ind Type RURAL AREA COMMERCIAL
Comm/Ind Desirabilty Cost AVERA Income AVERA

Book / Page 302 442

Developers Lot # Census 8813
Zoning PB3

LAND DATA AND COMPUTATIONS

1.670 Acres

Land Type	Size Frontage	Size Depth	Base Rate	Rate Fct 1	Rate Fct 2	Adjusted Rate	Base Value	Other Code	Adjust Factor	Value
SFA	43560 SF		4.25			4.25	185130			185100
AC1	.670 Ac		20000.00			20000.00	13400			13400

Total Acreage 1.670

Total Land Value 198500

OWNER HISTORY

Name	Book	Page
JONES KATHLEEN A	105	180

SALES HISTORY

Date	Price	Book	Page	Qual	Lnd Onl
11/20/1990		302	442		
10/31/1967		105	180		

PROPERTY CHARACTERISTICS

01 TOPO-ELEV		**07 STREET AMNTS**	
Street Level	1X	Curb & Gutter	1
Above Street	2	Sidewalk	2
Below Street	3	Alley	3
		None	4
02 TOPO-TERRAIN			
Rolling	1	**08 LOC REGION**	
Steep	2	Urban	1
Low	3	Suburban	2
		Rural	3
03 TOPO-EXTREME		Business District	4
Swampy	1	Industrial	5
Ledge	2		
		09 LOC ENHANCE	
04 PUBLIC UTIL		Recreational	1
All	1	Waterfront	2
Water	2		
Sewer	3	**10 LOC RESTRICT**	
Gas	4	Flood Plane	1
		Easement/Public	2
05 PRIVATE UTIL		Non-Conforming	3
Well	1X	Obstructions	4
Septic	2X	Zoning	5
		Non-Buildable	6
06 STREET/ROAD			
Paved	1X		
Semipaved	2		
Unpaved	3		
Propose	4		

LAND TYPE

S SQUARE FEET
1 Primary Site (CALP)
2 Primary Site (App Rate)

A ACREAGE
1 Primary Site (App Rate)
2 Exc Frnt Ac (App Rate)
3 Exc Rear Ac (App Rate)
F# Exc Frnt Ac (CALP) (# depends on zoning)
R# Exc Rear Ac (CALP) (# depends on zoning)

G GROSS
1 SITE VALUE

LAND ADJUSTMENTS
1 TOPOGRAPHY
2 UTILITIES
3 STREET/ROAD
4 LOCATION

MEMORANDUM

- FLDDC : FIELD DATA COLLECTION
KATHY JOHNS RESTAURANT SIGN ON LIGHT=NV SURVEY; VOL 21 PG 1
4
30% ECONOMIC OBS FOR 2009 REVAL

BUILDING PERMITS

DATE	NUMBER	AMOUNT	PURPOSE

COMPARABLE SALES

Parcel	Date	Adjusted Price	Points

VALUE HISTORY

Use	Quantity	Appraised Value	Assessed Value
COMM LAND	1.670	198500	138950
COMM BUILD	1.00	123300	86310
COMM OUTBL	3.00	20000	14000
2011	Total	341800	239260
COMM LAND	1.670	198500	138950
COMM BUILD	1.00	123300	86310
COMM OUTBL	3.00	20000	14000
2010	Total	341800	239260

VALUE SUMMARY

	Land	Improvement	Total
Cost	198500	143300	341800
FVC	198500	143300	341800

LAND USE CODES

1 AGRICULTURAL
00 vacant land
01 cash grain/gen farm
02 livestock o/t 03 & 04
03 dairy farm
04 poultry farm
05 fruit & nut farms
06 vegetable farms
07 tobacco farms
08 nurseries
09 greenhouses
20 timber
99 other agricultural
2 MINERAL (See Detail)
3 INDUSTRIAL
00 vacant land
10 food & drink
20 foundries & heavy mfg.
30 medium mfg. & assembly
40 light mfg. & assembly
50 industrial warehouse
60 industrial truck terminal
70 small shops
80 mines & quarries
90 grain elevators
99 other indust. structures
4 COMMERCIAL
00 vacant land
01 4-19 apt. rental units.
02 20-39 apt.rental units
03 40 or more apt. rental units
10 motels or tourist cabins
11 hotels
12 nursing homes & hospitals
15 mobile home parks
16 Comm. camp grounds
19 other Comm. housing
20 small det. retail (-10000)
21 supermarkets
22 discount & Jr. dept. stores
24 full line deptment stores
25 neighborhood shop center
26 community shop. center
27 regional shopping center
29 other retail structures
30 rest. cafe and/or bar
35 drive-in restaurant
39 other food service struct.
40 dry clean plant / laundry
41 funeral home
42 medical clinic
44 full service banks
45 savings and loans
47 office bldg. - 1 or 2 story
48 office o/t 47 walk-up
49 office o/t 47 elevator
52 auto service station
53 car washes
54 auto sales & service
55 commercial garage
56 parking lot or structure
60 theaters
61 drive - in theater
62 golf range or min. course
63 golf course
64 bowling alleys
65 lodge halls / amuse. parks
80 commercial warehouse
82 comm. truck terminals
90 marine service facilities
98 marinas (small boats)
99 other comm. structures
5 RESIDENTIAL
0 vacant land
1 one family dwelling
2 two family dwelling
3 three family dwelling
5 condominium unit
6 house trailer (real)
0 platted lot
1 unplatted 0-09.99 acs.
2 unplatted 10-19.99 acs.
3 unplatted 20-20.99 acs.
4 unplatted 30-39.99 acs.
5 unplatted 40
99 other res.structures
6 EXEMPT
00 owned by USA
10 owned by State
20 owned by Counties
30 owned by Townships
40 owned by Municipalities
45 Metro Housing Authorities
50 owned by Bd. of Education
60 owned by Park District
70 owned by colleges, etc.
80 charitable exemptions
85 churches. public worship
90 cemetery/monuments

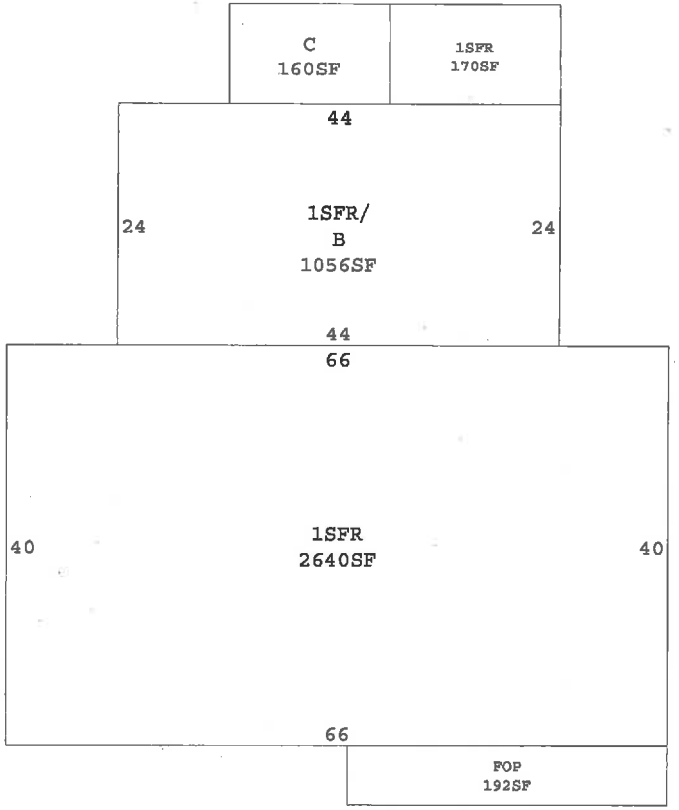
TOWN OF MANSFIELD - COMMERCIAL PROPERTY RECORD CARD

IMPROVEMENT DATA AND COMPUTATIONS

002/0008/0013 Card 1 of 1 Work Year: 2011

643 MIDDLE TRKE

BUILDING INFORMATION	
LAND USE	C430
STATE USE	2-2
IMP STYLE	RESTAURANT
ENTRY	INSPECTION
IDENTICAL BUILD X	1
BASE AREA	3866
BASE PERIMETER	280
NUMBER OF STORIES	1
NUMBER OF FIXTURES	6
UNIT Type	N/A
Number	
HVAC	HEATING & A/C
ROOF STR	GABLE OR HIP
ROOF COV	ASPH/F GLASS/C
GRADE	C
YEAR BUILT	1968
YEAR REMOLDED	
EFF YEAR BUILT	1980
EFFECTIVE AGE	29
LIFE	40 YEAR LIFE
CONDITION	AVERAGE
NORMAL DEP	45
OBSOLESCENCE	30
OVERRIDE	



	A	B	C
LEVEL / SECTION	000/001	001/001	/
PRICING KEY	112	32	
PRICE KEY MODEL	BSMT	DINING/LOUNGE	
FRAMING TYPE	WOOD FRAME	WOOD FRAME	
EXTERIOR WALL	PREFAB WOOD PAN	PREFAB WOOD PAN	
EFF AREA	3866	3866	
EFF PERIMETER	280	280	
P.A.R. / FLR LVL HT	7 10	7 10	
AREA FACTOR	.27	1.00	
PRICE KEY RATE	31.15	104.15	
FRAME / FLR HT ADJs	1.35	-3.65	
BASE RATE / BPA FCT	32.50 1.00	100.50 1.00	
SUB -TOTAL	32.50	100.50	
TYPE OF UNITS	N/A	N/A	
NO OF UNITS			
SPRINK PCT / ADJ			
HEATING	HOT WATER	HOT WATER	
AIR CONDITION	CENTRAL	CENTRAL	
HEAT / AIR ADJs		12.45	
LIGHTING / ADJ			
D W FINISH			
DIV WALLS	AVERAGE - NO AD	AVERAGE - NO AD	
D W FIN / D W ADJs			
CEILING	CEILING & WALLS	CEILING & WALLS	
CEILING AREA / ADJ			
FLR FINISH	INLAID SHEET GO	INLAID SHEET GO	
INT WALLS	DRYWALL - NO AD	DRYWALL - NO AD	
FL FIN / INT WL ADJs			
OTH ADJ / LVL MULT	1	1	
TOT RATE / AREA FCT	32.50 × .27	112.95 × 1.00	×
APPLIED AREA	3866	3866	
SUB -TOTAL	470500		
EXTERIOR FEATURES	3900	1-2 of 2 Level Sections	
PLUMBING	13400		
UNIT FINISH			
GRADE 1.00			
SPECIAL FEATURE	5500		
RCN TOTAL	493300		

IMPROVEMENTS/SPECIAL FEATURES

1 LOADING DK
R:RATIO

SUMMARY OF IMPROVEMENTS

Sket ID	Use	Story Height	Const. Type	Size or Area	No. Un.	Base Rate	Fea	Adj. Rate	Grade	Year Built	Year Rmld	Eff. Year	Con	RCN	Depreciation NO/OB/OR	Value
—	Building	1							C	1968		1980	AV	493300	45/30/	123300
1	ASPHALT P			35000		2.25		2.25	D	1968		1980	AV	63000	70/ /	18900
2	LT1			1		1137.25		1137.25	D	1968		1980	AV	900	70/ /	300
3	LT7			1		3296.25		3296.25	D	1968		1980	AV	2600	70/ /	800

SPECIAL FEATURES

Value by Card Detach Total 20000

—	LOADING D	4.0	CB G	8x20		34.25	&	34.25	C					5500		

Collector/Date BILL MARSELE 01/24/2000 Appraiser/Date APPRAISAL 01/04/2010 Value by Card Total 143300

TOWN OF MANSFIELD - COMMERCIAL PROPERTY RECORD CARD

Town of Mansfield, CT - Assessor Map

Location: 643 MIDDLE TPKE ID: 2.8.13

MainStreetGIS, LLC - www.mainstreetgis.com / info@mainstreetgis.com

Disclaimer: This map is for assessment purposes only. It is not valid for use as a survey or for conveyance

APPENDIX D

SANBORN NO COVERAGE LETTER

HISTORICAL FIRE INSURANCE MAPS

NO MAPS AVAILABLE

04-28-11
01-216075
1660 STORRS ROAD
STORRS MANSFIELD CT 06268

A search of FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability confirmed that there are NO MAPS AVAILABLE for the Subject Location as shown above.

FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability represents abstracted information from the Sanborn® Map Company obtained through online access to the U.S. Library of Congress via local libraries.

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APPENDIX E

AERIALS

Historical Aerial Photo

2005

1660 STORRS ROAD

STORRS MANSFIELD, CT 06268

Target Site: 41.827851, -72.266486; Job Number: 01-216075

COPYRIGHT: MICRODOT, LLC

N W E S

1 inch equals 750 feet

Historical Aerial Photo

1991

1660 STORRS ROAD

STORRS MANSFIELD, CT 06268

Target Site: 41.827851, -72.266486; Job Number: 01-216075

COPYRIGHT: MICRODOT, LLC

N W E S

1 inch equals 750 feet

Historical Aerial Photo
1985

1660 STORRS ROAD
STORRS MANSFIELD, CT 06268

Target Site: 41.827851, -72.266486; Job Number: 01-216075

COPYRIGHT: MICRODOT, LLC

N
W E
S

1 inch equals 750 feet

Historical Aerial Photo

1974

1660 STORRS ROAD

STORRS MANSFIELD, CT 06268

Target Site: 41.827851, -72.266486; Job Number: 01-216075

COPYRIGHT: MICRODOT, LLC

N W E S

1 inch equals 750 feet

Historical Aerial Photo

1969

1660 STORRS ROAD

STORRS MANSFIELD, CT 06268

Target Site: 41.827851, -72.266486; Job Number: 01-216075

COPYRIGHT: MICRODOT, LLC

N W E S

1 inch equals 750 feet

Historical Aerial Photo

1941

1660 STORRS ROAD

STORRS MANSFIELD, CT 06268

COPYRIGHT: MICRODOT, LLC

Target Site: 41.827851, -72.266486; Job Number: 01-216075

N W E S

1 inch equals 750 feet

APPENDIX F

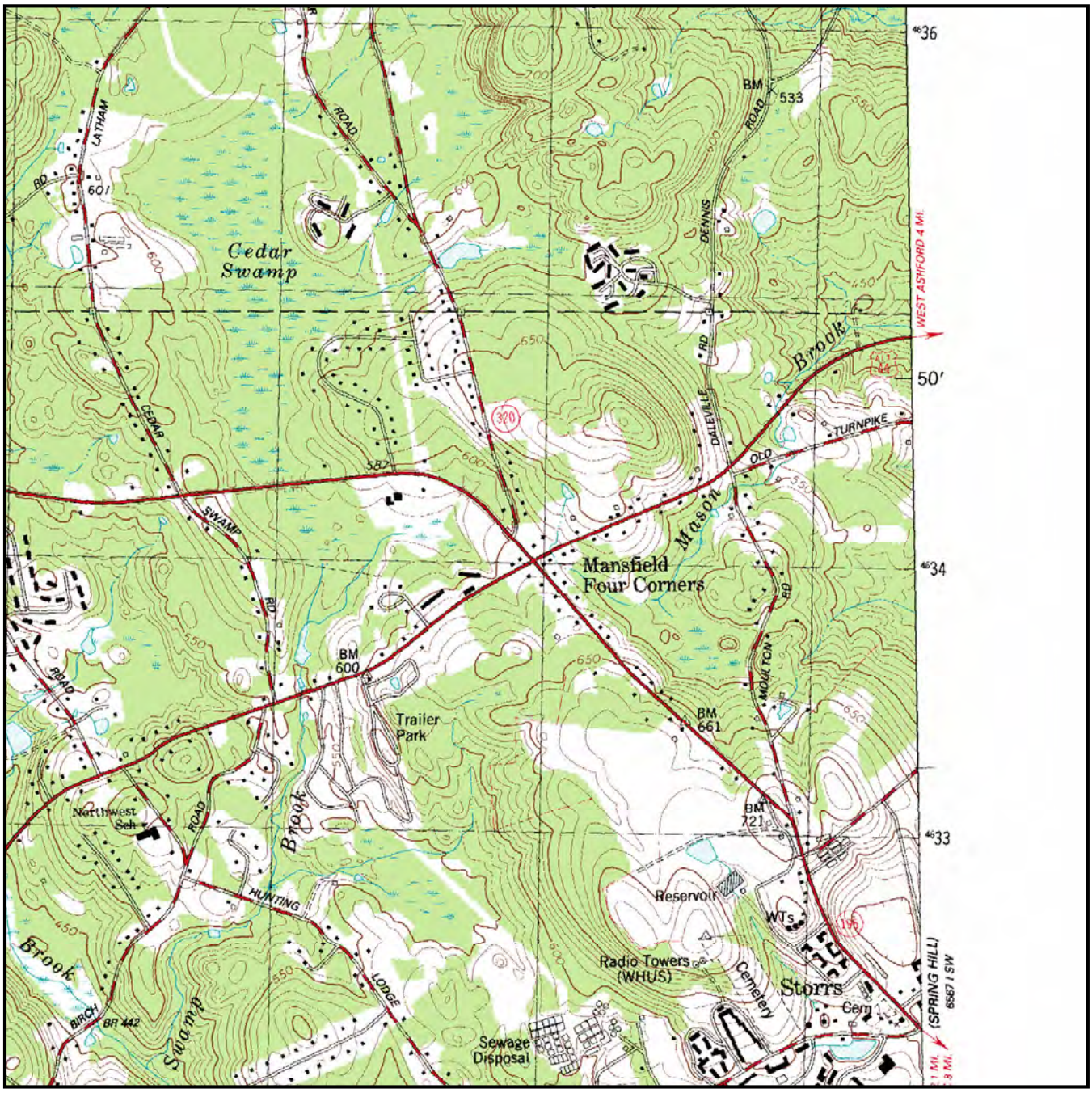
HISTORIC TOPOGRAPHICAL MAPS

Environmental FirstSearch

Historical Topographic Map

Quad Name: Coventry, CT
Year: 1983 Original Map Scale: 1: 24000

1660 STORRS ROAD, STORRS MANSFIELD, CT



Job Number: 01-216075
Target Site: -72.266486, 41.827851

0 miles 0.5 1

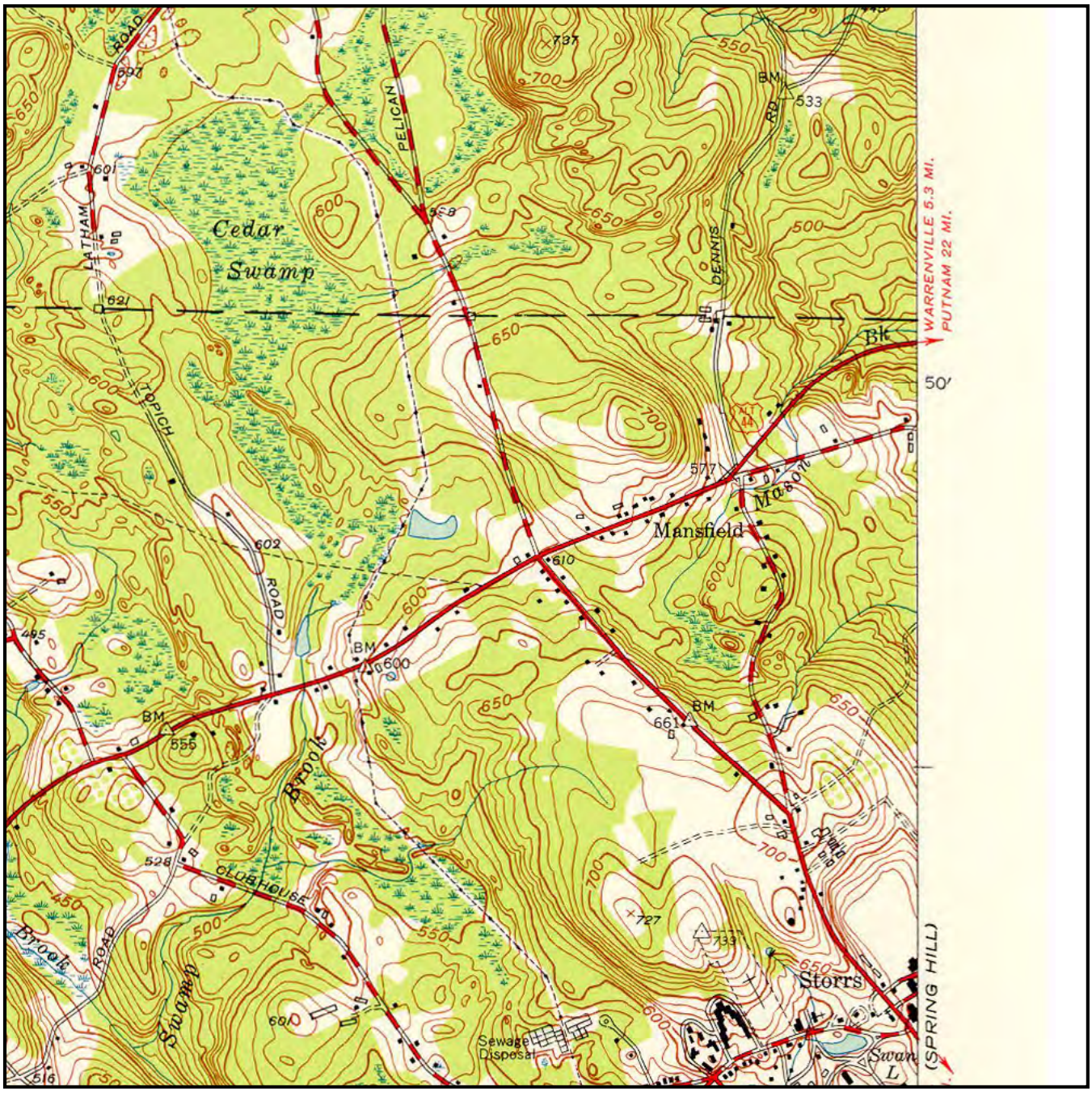
Building
Topo Contour
Depression
Quarry or Open Pit Mine
Railroad
Tanks
Primary Highway
Trail

Environmental FirstSearch

Historical Topographic Map

Quad Name: Coventry, CT
Year: 1953 Original Map Scale: 1: 31680

1660 STORRS ROAD, STORRS MANSFIELD, CT



Job Number: 01-216075
Target Site: -72.266486, 41.827851

0 miles 0.5 1

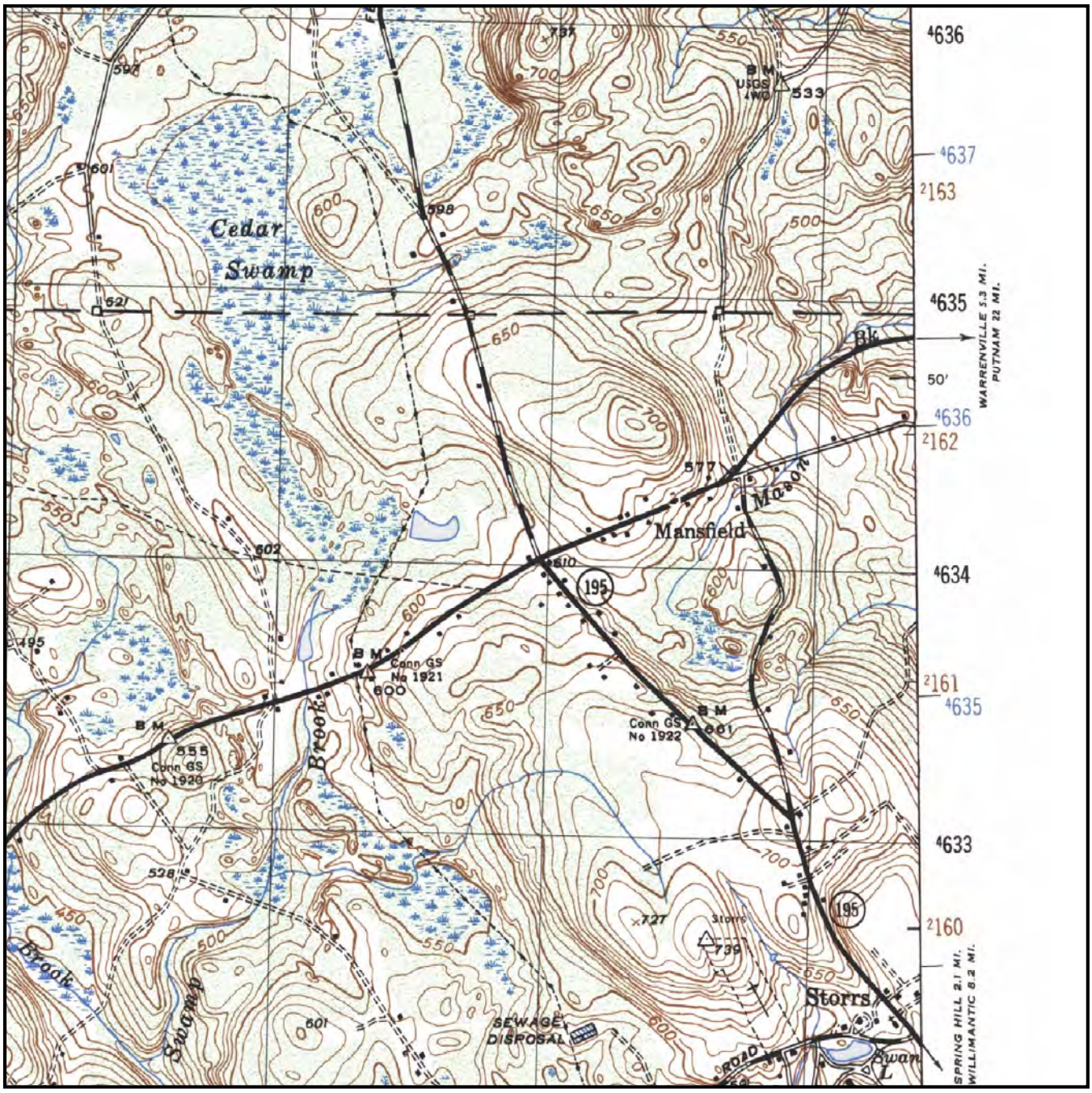
Building
Topo Contour
Depression
Quarry or Open Pit Mine
Railroad
Tanks
Primary Highway
Trail

Environmental FirstSearch

Historical Topographic Map

Quad Name: Coventry, CT
Year: 1948 Original Map Scale: 1: 25000

1660 STORRS ROAD, STORRS MANSFIELD, CT



Job Number: 01-216075
Target Site: -72.266486, 41.827851

0 miles 0.5 1

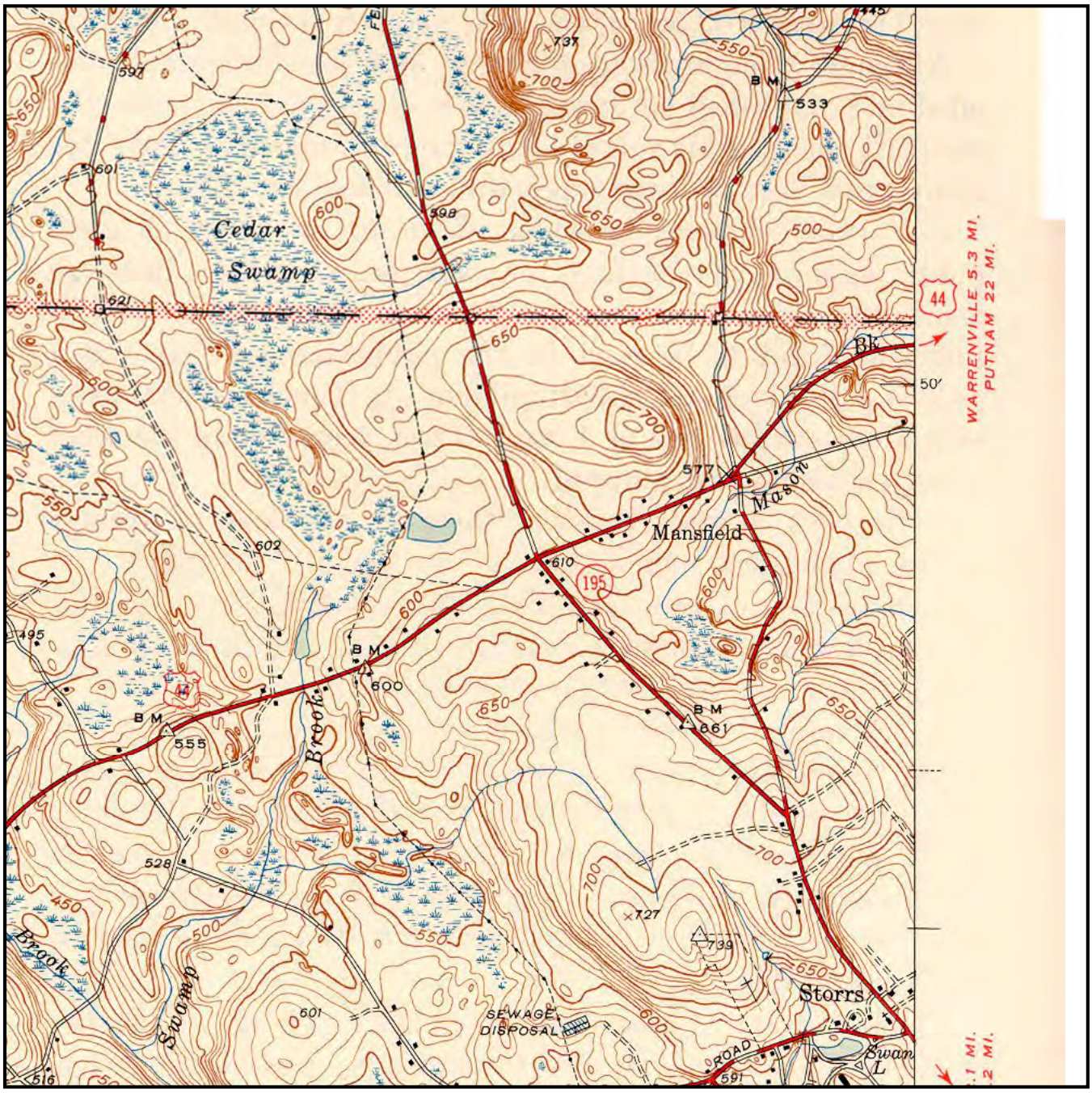
Building
Topo Contour
Depression
Quarry or Open Pit Mine
Railroad
Tanks
Primary Highway
Trail

Environmental FirstSearch

Historical Topographic Map

Quad Name: Coventry, CT
Year: 1944 Original Map Scale: 1: 31680

1660 STORRS ROAD, STORRS MANSFIELD, CT



Job Number: 01-216075
Target Site: -72.266486, 41.827851

0 miles 0.5 1

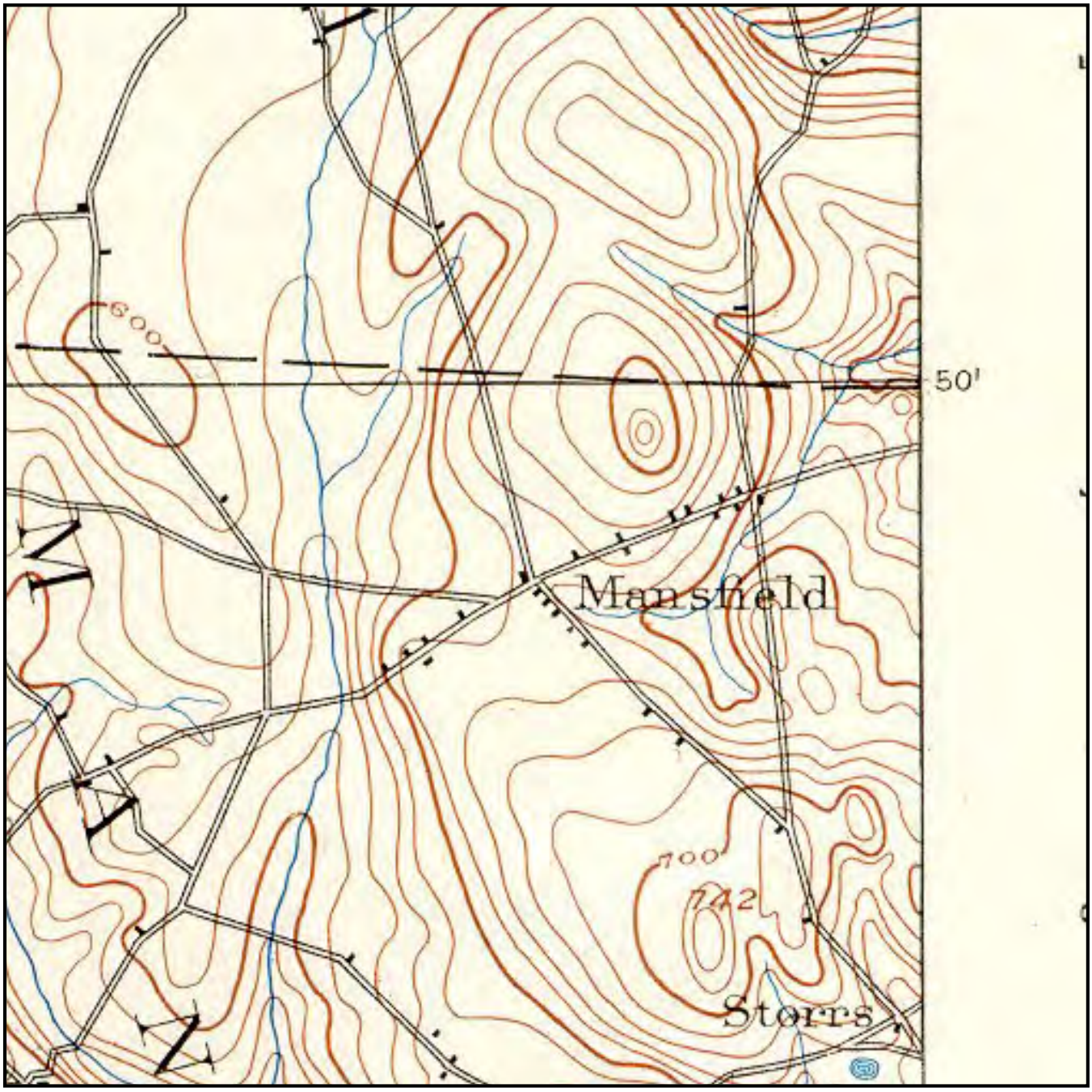
Building
Topo Contour
Depression
Quarry or Open Pit Mine
Railroad
Tanks
Primary Highway
Trail

Environmental FirstSearch

Historical Topographic Map

Quad Name: Tolland, CT
Year: 1892 Original Map Scale: 1: 62500

1660 STORRS ROAD, STORRS MANSFIELD, CT



Job Number: 01-216075
Target Site: -72.266486, 41.827851

0 miles 0.5 1

Building
Railroad
Topo Contour
Tanks
Depression
Primary Highway
Quarry or Open Pit Mine
Trail

APPENDIX G

FIRSTSEARCH

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

Target Property:

1660 STORRS ROAD

STORRS MANSFIELD CT 06268

Job Number: 01-216075

PREPARED FOR:

ECS, Inc.

588 Silver Street

Agawam, MA 01001

04-28-11

Tel: (781) 551-0470 *Fax: (781) 551-0471*

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Environmental FirstSearch
Search Summary Report

Target Site: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	04-01-11	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	04-01-11	0.50	0	0	0	0	-	0	0
CERCLIS	Y	03-31-11	0.50	0	0	0	0	-	0	0
NFRAP	Y	03-31-11	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	03-10-11	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	03-10-11	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	03-10-11	0.25	0	0	2	-	-	1	3
RCRA NLR	Y	03-10-11	0.25	0	0	1	-	-	1	2
Federal Brownfield	Y	03-01-11	0.50	0	0	0	0	-	0	0
ERNS	Y	04-18-11	0.15	0	0	0	-	-	7	7
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	2	2
State/Tribal Sites	Y	04-23-10	1.00	1	2	1	1	1	4	10
State Spills 90	Y	03-22-11	0.25	1	31	4	-	-	401	437
State Spills 80	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal SWL	Y	03-24-11	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	03-29-11	0.50	5	9	3	2	-	15	34
State/Tribal UST/AST	Y	04-18-11	0.25	1	3	2	-	-	5	11
State/Tribal EC	Y	NA	0.50	0	0	0	0	-	0	0
State/Tribal IC	Y	01-01-05	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	04-23-10	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	05-01-08	0.50	0	0	0	0	-	0	0
State Other	Y	04-23-10	0.25	0	1	0	-	-	3	4
FI Map Coverage	Y	05-07-09	0.12	0	0	-	-	-	0	0
Federal IC/EC	Y	02-07-11	0.50	0	0	0	0	-	0	0
- TOTALS -				8	46	13	3	1	439	510

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

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Environmental FirstSearch
Site Information Report

Request Date:	04-28-11	**Search Type:**	COORD
Requestor Name:	Abby Albano	**Job Number:**	01-216075
Standard:	AAI		

Target Site: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

Demographics

Sites:	510	**Non-Geocoded:**	439	**Population:**	NA
Radon:	1.1 - 5.5 PCI/L				

Site Location

	Degrees (Decimal)	Degrees (Min/Sec)		UTMs
Longitude:	-72.26637	-72:15:59	**Easting:**	727017.622
Latitude:	41.827902	41:49:40	**Northing:**	4634068.486
Elevation:	614		**Zone:**	18

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)

ZIP Code	City Name	ST	Dist/Dir	Sel
06279	WILLINGTON	CT	0.50 NE	Y

Services:

	Requested?	Date
Fire Insurance Maps	No	
Aerial Photographs	Yes	04-28-11
Historical Topos	Yes	04-28-11
City Directories	Yes	04-28-11
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
1	SPILLS	ST OF CT D P W 944242/CLOSED	1660 STORRS RD STORRS MANSFIE CT 06268	0.00 --	0	2
1	LUST	REPUBLIC UCONN TEXACO 1323-1327/NO	1660 STORRS RD STORRS MANSFIE CT 06268	0.00 --	0	3
1	LUST	REPUBLIC OIL, STORRS TEXACO 28414/CLEANUP INITIATED	1660 STORRS RD STORRS MANSFIE CT 06268	0.00 --	0	4
1	LUST	STORRS TEXACO 2692/NO	1660 STORRS RD STORRS MANSFIE CT 06268	0.00 --	0	5
1	UST	BATES CITGO 01208/CURRENTLY IN USE	1660 STORRS RD STORRS MANSFIE CT 06268	0.00 --	0	7
1	STATE	REPUBLIC OIL \ 4 CORNERS 2355/SUSPECTED	1660 STORRS RD STORRS MANSFIE CT 06268	0.00 --	0	9
1	LUST	STORRS TEXACO 30512/INVESTIGATION	1660 STORRS RD STORRS MANSFIE CT 06268	0.00 --	0	10
1	LUST	REPUBLIC OIL 1321/NO	1660 STORRS RD STORRS MANSFIE CT 06268	0.00 --	0	11
2	SPILLS	NORTHEAST UTILITIES 936307/CLOSED	MIDDLE TNPKE/RT 195 STORRS MANSFIE CT 06268	0.02 SW	+ 4	13
2	SPILLS	NORTHEAST UTILITIES 925485/CLOSED	708 MIDDLE TNPKE/RT 195 STORRS MANSFIE CT 06268	0.02 SW	+ 4	15
2	SPILLS	 954188/CLOSED	STATE HIGHWAY 195/UNITED ST STORRS MANSFIE CT 06268	0.02 SW	+ 4	17
2	SPILLS	REPUBLIC OIL 924270/CLOSED	UNITED STATES HIGHWAY 44/19 STORRS MANSFIE CT 06268	0.02 SW	+ 4	19
2	SPILLS	EXXON INC 943792/CLOSED	UNITED STATES HIGHWAY 44/RT STORRS MANSFIE CT 06268	0.02 SW	+ 4	21
2	SPILLS	 923887/CLOSED	UNITED STATES HIGHWAY 44/RT STORRS MANSFIE CT 06268	0.02 SW	+ 4	23
2	SPILLS	 952374/CLOSED	UNITED STATES HIGHWAY 44/RT STORRS MANSFIE CT 06268	0.02 SW	+ 4	25
2	SPILLS	MANSFIELD TRAINING SCHOOL ST O 912998/CLOSED	STATE HIGHWAY 195 and UNITE STORRS MANSFIE CT 06268	0.02 SW	+ 4	27
2	SPILLS	 952435/CLOSED	STATE HIGHWAY 195/UNITED ST STORRS MANSFIE CT 06268	0.02 SW	+ 4	29
2	SPILLS	 935692/CLOSED	STATE HIGHWAY 195/UNITED ST STORRS MANSFIE CT 06268	0.02 SW	+ 4	31
3	SPILLS	MVA 200400653/CLOSED	MIDDLE TPKE and STORRS RD STORRS MANSFIE CT 06268	0.02 SW	+ 3	32
4	SPILLS	 200107538/CLOSED	STATE HIGHWAY 195 AND 44 STORRS MANSFIE CT 06268	0.02 SW	+ 3	33
4	SPILLS	 200103122/CLOSED	STATE HIGHWAY 195 ROUTE STORRS MANSFIE CT 06268	0.02 SW	+ 3	34

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
4	SPILLS	200104287/CLOSED	UNITED STATES HIGHWAY 44/ R STORRS MANSFIE CT 06268	0.02 SW	+ 3	34
4	SPILLS	9606354/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	0.02 SW	+ 3	35
4	SPILLS	200303554/CLOSED	UNITED STATES HIGHWAY 44/RT STORRS MANSFIE CT 06268	0.02 SW	+ 3	36
4	SPILLS	200707094/CLOSED	UNITED STATES HIGHWAY 44 an STORRS MANSFIE CT 06268	0.02 SW	+ 3	37
4	SPILLS	200508707/CLOSED	STATE HIGHWAY 195 and UNITE STORRS MANSFIE CT 06268	0.02 SW	+ 3	38
4	SPILLS	200407480/CLOSED	UNITED STATES HIGHWAY 44 an STORRS MANSFIE CT 06268	0.02 SW	+ 3	39
4	SPILLS	9901771/CLOSED	UNITED STATES HIGHWAY 44 an STORRS MANSFIE CT 06268	0.02 SW	+ 3	40
4	SPILLS	UNKNOWN 200402236/CLOSED	UNITED STATES HIGHWAY 44 an STORRS MANSFIE CT 06268	0.02 SW	+ 3	41
4	SPILLS	MVA 9605060/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	0.02 SW	+ 3	42
4	SPILLS	956405/CLOSED	UNITED STATES HIGHWAY 44/RT STORRS MANSFIE CT 06268	0.02 SW	+ 3	44
5	SPILLS	9900253/CLOSED	STATE HIGHWAY 195 and UNITE STORRS MANSFIE CT 06268	0.02 SE	- 1	45
6	STATE	EXXON CORP. 35795 1915/SUSPECTED	623 MIDDLE TPKE STORRS MANSFIE CT 06268	0.03 SW	+ 4	46
7	LUST	STEVE ROGERS 4207/YES	650 MIDDLE TPKE STORRS MANSFIE CT 06268	0.05 SE	0	47
7	SPILLS	STEVE ROGERS 945771/CLOSED	650 MIDDLE TPKE STORRS MANSFIE CT 06268	0.05 SE	0	49
7	LUST	STEVE ROGERS 30498/LUST COMPLETED (PROG	650 MIDDLE TPKE STORRS MANSFIE CT 06268	0.05 SE	0	50
8	LUST	STORRS AUTOMOTIVE 28413/CLEANUP INITIATED	1659 STORRS RD STORRS MANSFIE CT 06268	0.05 SW	- 3	51
8	UST	PUBLIC AMERICA 12343/CURRENTLY IN USE	1659 STORRS RD STORRS MANSFIE CT 06268	0.05 SW	- 3	53
8	UST	STORRS AUTOMOTIVE 06004	1659 STORRS RD STORRS MANSFIE CT 06268	0.05 SW	- 3	54
8	UST	STORRS AUTOMOTIVE MANSFIELD FO 01245/PERMANENTLY CLOSED	1659 STORRS RD STORRS MANSFIE CT 06268	0.05 SW	- 3	56
8	LUST	STORRS AUTOMOTIVE 1317-1320/NO	1659 STORRS RD STORRS MANSFIE CT 06268	0.05 SW	- 3	58

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
9	SPILLS	MVA 200000544/CLOSED	STATE HIGHWAY 195 and STATE STORRS MANSFIE CT 06268	0.07 NW	- 2	59
10	SPILLS	200903705/CLOSED	637 MIDDLE TPKE STORRS MANSFIE CT 06268	0.07 SW	- 3	60
11	LUST	JOHN JONES 33107/LUST COMPLETED (PROG	643 MIDDLE TPKE STORRS MANSFIE CT 06268	0.08 NE	+ 17	61
11	LUST	JOHN JONES 9703067/CLOSED	643 MIDDLE TPKE STORRS MANSFIE CT 06268	0.08 NE	+ 17	62
11	SPILLS	JOHN JONES 9703067/CLOSED	643 MIDDLE TPKE STORRS MANSFIE CT 06268	0.08 NE	+ 17	63
12	STATE	WILLINGTON TIRE COMPANY, INC. 4444/SUSPECTED	1733 STORRS RD STORRS MANSFIE CT 06268	0.11 NW	- 2	65
12	OTHER	WILLINGTON TIRE COMPANY, INC. 4444/PTP	1733 STORRS RD STORRS MANSFIE CT 06268	0.11 NW	- 2	66
12	SPILLS	MVA 9803957/CLOSED	1733 STORRS RD STORRS MANSFIE CT 06268	0.11 NW	- 2	67
13	LUST	ROSAL S APARTMENTS 1322/NO	STATE HIGHWAY 195 and UNITE STORRS MANSFIE CT 06268	0.12 SW	- 10	68
13	LUST	ROSAL S APARTMENTS 30365/PENDING	STATE HIGHWAY 195 and UNITE STORRS MANSFIE CT 06268	0.12 SW	- 10	69
13	LUST	ROZALL APARTMENTS - BOB RICKIE 200503384/CLOSED	611 MIDDLE TPKE STORRS MANSFIE CT 06268	0.12 SW	- 10	70
13	SPILLS	GROUNDWATER AND ENVIRONMENTAL 200707882/CLOSED	611 MIDDLE TPKE STORRS MANSFIE CT 06268	0.12 SW	- 10	71
13	SPILLS	ROZALL APARTMENTS - BOB RICKIE 200503384/CLOSED	611 MIDDLE TPKE STORRS MANSFIE CT 06268	0.12 SW	- 10	72
14	RCRAGN	CVS PHARMACY 00785 CTR000007625/SGN	UNITED STATES HIGHWAY 44 an STORRS MANSFIE CT 06268	0.14 SW	- 4	73
14	LUST	EXXON CONTACT=ELENORE LUCA 200002973/CLOSED	632 MIDDLE (FOUR CORNERS) STORRS MANSFIE CT 06268	0.14 SW	- 4	74
14	SPILLS	EXXON CONTACT=ELENORE LUCA 200002973/CLOSED	632 MIDDLE (FOUR CORNERS) STORRS MANSFIE CT 06268	0.14 SW	- 4	75
15	LUST	HUSKY MOBILE (FORMER BP) 28416/LUST COMPLETED (PROG	607 MIDDLE TPKE STORRS MANSFIE CT 06268	0.15 SW	- 4	76
15	UST	HUSKY MOBIL 01185/CURRENTLY IN USE	607 MIDDLE TPKE STORRS MANSFIE CT 06268	0.15 SW	- 4	78
15	STATE	HUSKY S MINI MART 2095/SUSPECTED	607 MIDDLE TPKE STORRS MANSFIE CT 06268	0.15 SW	- 4	79
15	SPILLS	DRAKE PETROLEUM 911076/CLOSED	607 MIDDLE TPKE STORRS MANSFIE CT 06268	0.15 SW	- 4	81

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
15	SPILLS	XTRA MART/HUSKY S MOBIL 94900/CLOSED	607 MIDDLE TNPK/RT 44 STORRS MANSFIE CT 06268	0.15 SW	- 4	83
16	RCRAGN	ALLIANCE ENERGY CTD983876962/SGN	632 MIDDLE TPKE STORRS MANSFIE CT 06268	0.16 NE	+ 26	84
16	LUST	EXXON RAS 3-5795 35727/PENDING	632 MIDDLE TPKE STORRS MANSFIE CT 06268	0.16 NE	+ 26	85
16	RCRANLR	ALLIANCE ENERGY CTD983876962/NLR	632 MIDDLE TPKE STORRS MANSFIE CT 06268	0.16 NE	+ 26	86
16	SPILLS	EXXON COMPANY 935587/CLOSED	632 MIDDLE TNPKE STORRS MANSFIE CT 06268	0.16 NE	+ 26	88
16	UST	EXXON, 3-5795 01199/PERMANENTLY CLOSED	UNITED STATES HIGHWAY 44A STORRS MANSFIE CT 06268	0.16 NE	+ 26	90
17	LUST	MARTY S CITGO 28412/LUST COMPLETED (PROG	575 MIDDLE TPKE STORRS MANSFIE CT 06268	0.33 SW	- 8	92
17	STATE	CIRCLE K 84663 2493/SUSPECTED	575 MIDDLE TPKE STORRS MANSFIE CT 06268	0.33 SW	- 8	94
18	LUST	MARTY S CITGO 1313-1315/YES	UNITED STATES HIGHWAY 44 STORRS MANSFIE CT 06268	0.34 SW	- 6	95
19	STATE	UCONN - PUMP HOUSE 2864/SUSPECTED	TOWER LOOP RD STORRS MANSFIE CT 06268	0.90 SE	+ 76	96

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	UNK 9804859/CLOSED	STORRS-MANSFIELD- UCONN ALU STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN 200308995/CLOSED	UNIV OF CONNECTICUT - DEPOT STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN 200303285/CLOSED	UCONN STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN 200402506/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN 200801550/CLOSED	STATE HIGHWAY 195 UNCONN MA STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN CAMPUS 200110066/CLOSED	UCONN CAMPUS STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN CONST. SUBCONTRACTOR 200504485/CLOSED	HUSKY DR STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN FACILITIES SERVICES MI 200208491/CLOSED	UCONN FARM M SEVICES BUILDI STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN FD 200506369/CLOSED	GLEN BROOK RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN TRANSPORTATION 200805838/CLOSED	MANSFIELD RD and KING HILL STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNIVERSITY OF CONNECTICUT 200002510/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNIVERSITY OF CT. 200303987/CLOSED	200 N HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN 9604607/CLOSED	ALUMNI RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UNK 200802387/CLOSED	N STORRS - - UCONN STORRS M STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNK 201003954/CLOSED	95 DEMMING ST STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNK 201100741/CLOSED	S STORRS-MANSFIELD 1 EAGLEV STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNK 201005495/CLOSED	STORRS-MANSFIELD Y LOT ON H STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNK. 9807654/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKN 200603202/CLOSED	1296 CONN STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 9906413/CLOSED	MANSFIELD SIDE OF THE WILLA STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	UNKNOWN 200002569/CLOSED	UNIV OF CONNECTICUT PROP RT STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNIVERSITY OF CONNECTICUT 201002249/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN 200200975/CLOSED	REVENE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UNVIVERSITY OF CT. 200601612/CLOSED	N EAGERVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	ST OF CT D P W 955904/CLOSED	HORSE BARN HILL RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	ST OF CT UCONN 955080/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	ST OF CT UCONN 956020/CLOSED	WHITNEY RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	ST OF CT UNIV 94146/CLOSED	FAIRFIELD RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	STUDENT 9604956/CLOSED	UCONN IN PARKING LOT STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	TELECOM 201005393/CLOSED	STORRS-MANSFIELD, CORNER OF STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	TOWN OF MANSFIELD 200003072/CLOSED	MANSFIELD LANDFILL RT 89 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	TOWN OF MANSFIELD 200504811/CLOSED	CLOVER MILL RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN 200201829/CLOSED	STOORS - UCONN CAMPUS STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN 200106182/CLOSED	WHITNEY RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UCONN 200304196/CLOSED	UCONN CAMPUS SEWAGE STATION STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN 200907003/CLOSED	44 WEAVER RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UCONN 201007194/CLOSED	SPRING MANOR RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN 9908488/CLOSED	STORRS-MANSFIELD UCONN STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UCONN 942637/CLOSED	WPCF FACILITY STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UCONN 201100700/CLOSED	917 TOWERS CT and ENTRANCE STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	UCONN 955348/CLOSED	GLENNBROOK RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UCONN 9603512/CLOSED	CENTRAL WAREHOUSE AUDITORIM STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200002242/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UCONN 955258/CLOSED	HORSE BARN HILL RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	TRASH COMPANY 201101391/OPEN	STORRS-MANSFIELD 4 DAVIS RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UNKNOWN VEHICLE 200305645/CLOSED	200 N HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN VEHICLE 9806903/CLOSED	STORRS-MANSFIELD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200008618/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200605169/CLOSED	RTE 195 SOUTH OF MOULTON RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200700978/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UNKNOWN 201002802/CLOSED	917 TOWER CT STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UNKNOWN CAR 200400540/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UNKNOWN MOTORIST 200205361/CLOSED	HORSE BARN HILL - UCONN RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UNKNOWN MOTORIST 200202230/CLOSED	HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN MOTORIST 200508416/CLOSED	STORRS-MANSFIELD - UCONN STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 201000471/CLOSED	UCONN CAMPUS STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	ST OF CT D P W 955830/CLOSED	HORSE BARN HILL RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UNKNOWN 201000598/CLOSED	MANSFIELD RD and GILBERT RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	MVA 200100998/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	WILLIAMTIC WASTE 200306611/CLOSED	STORRS-MANSFIELD, BOLTON RD STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	WILLIMANTIC WASTER PAPER 201100499/CLOSED	TROY BLDG. - GILBERT RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200009357/CLOSED	CEDAR SWAMP BETWEEN RTE 44 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	956764/CLOSED	N EAGLEVILLE LOT RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	962484/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200107905/CLOSED	KING HILL UCONN CAMPUS RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200401895/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200405757/CLOSED	HORSE BARN HILL RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UNKNOWN TRUCK (REPORTER HAS PH 200605872/CLOSED	SEPERATIST RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200907013/CLOSED	RT 195 TO EAGLEVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200400291/CLOSED	CONTACT RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200706620/CLOSED	N HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200905038/CLOSED	STORRS-MANSFIELD UCONN CAMP STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200904692/CLOSED	STORRS-MANSFIELD UCONN CAMP STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200900682/CLOSED	19 HUSKY CIR STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200806869/CLOSED	STATE HIGHWAY 195 N N EAGLE STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200806190/CLOSED	STATE HIGHWAY 275 and SEPER STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200801780/CLOSED	STADIUM RD. and SEPARTIST R STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200704145/CLOSED	HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200907504/CLOSED	ROUTE 89 and CLARKE ST STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200906001/CLOSED	STORRS-MANSFIELD UCONN HIL STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	UNKNOWN 200305163/CLOSED	S PARKING LOT OFF RT195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200907203/CLOSED	STORRS-MANSFIELD UCONN STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200906286/CLOSED	N STORRS-MANSFIELD EAGLEVIL STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200907502/CLOSED	STORRS-MANSFIELD UCONN CAMP STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 201000525/CLOSED	UCONN STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 201001487/CLOSED	N EAGLEVILLE RD and N CAMP STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 9605359/CLOSED	STORRS-MANSFIELD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	UNKNOWN 201005341/CLOSED	CHEFFEEVILLE NEAR FENTON RI STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 201003146/CLOSED	STAFFORD RD and OLD KENT RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 201002438/CLOSED	ROUTE 275 and 32 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200207603/CLOSED	GLENBROOK PARKING LOT STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	M.V A - CAR FIRE 200203104/CLOSED	ROUTE 6 - LAH WESTBOUND N STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	MVA 200006450/CLOSED	195 WILLOW BROOK RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	CONNECTICUT LIGHT and POWER 200205567/CLOSED	BIRCH RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	CONTRACTOR 200002844/CLOSED	GLEN BROOK RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	DAIRY MART 9804314/CLOSED	N EAGLEVILLE DAIRY RY MART STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	DALMIK WELL DRILLING 9804020/CLOSED	GREENFIELD OFF RT 320 DR STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	DEPOT REST 200304963/CLOSED	57 E MAIN ST STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	EandS TRUCKING 200305974/CLOSED	STADIUM RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	ENV. HEALTH and SAFETY 200108860/CLOSED	STORRS-MANSFIELD FAIRFIELD STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	HOSE BROKE 200402719/CLOSED	STADIUM RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	CLandP 200605836/CLOSED	GURLEYVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	JVC 3 CONSTRUCTION 200006625/CLOSED	RTE 275 1 MILE FROM STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	CLandP 200103833/CLOSED	GRANDVIEW POLE 3795 CIR STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	M.V.A 200000291/CLOSED	ROUTE 32 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	M.V.A. 9808335/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	M.V.A. 9901089/CLOSED	STORRS-MANSFIELD / ALUMNI P STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	MACK LADD 200301928/CLOSED	STORRS-MANSFIELD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	MICHAEL TAYLOR 944288/CLOSED	HUNTING LODGE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	MILTON BEBE CONSTRUCTION 200007661/CLOSED	UCONN - STORRS STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	MR.CORNELL 201007144/OPEN	147 STAFFORD RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	MV ACCIDENT 9902561/CLOSED	MANSFIELD RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	MV ACCIDENT 200000809/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	JUHAM JAVANDINEN 201000467/CLOSED	285 HANKSVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	STATE	UCONN GRAVEL PIT 1287/SUSPECTED	N OFF EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	RCRAGN	UNIVERSITY OF CT E H and S CTD983884305/LGN	HORSEBARN HILL RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	RCRANLR	SOUTHERN NEW ENGLAND TELE CO CTD980515043/NLR	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	ERNS	CENTRAL UTILITY PLANT NRC-610542/FIXED	GLENN BROOK RD STORRS MANSFIE CT	NON GC	N/A	N/A
	ERNS	INTERSECTION OF HORSEBARN HILL NRC-811444/MOBILE	UNKNOWN STORRS MANSFIE CT	NON GC	N/A	N/A
	ERNS	PRIVATE CITIZEN 605966/FIXED FACILITY	VALLY PARK BARLOW STORRS MANSFIE CT 06268	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	ERNS	UNIVERSITY OF CONNECTICUT 604297/FIXED FACILITY	STATE HIGHWAY 195 UNIV OF C STORRS MANSFIE CT	NON GC	N/A	N/A
	ERNS	UNIVERSITY OF CT NRC-573639/STORAGE TANK	STADIUM RD STORRS MANSFIE CT	NON GC	N/A	N/A
	ERNS	D20824/UNKNOWN	UNKNOWN STORRS MANSFIE CT	NON GC	N/A	N/A
	ERNS	H50128/FIX FAC	UNKNOWN STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	CLandP 200804485/CLOSED	STATE HIGHWAY 275 and 7 EAS STORRS MANSFIE CT	NON GC	N/A	N/A
	STATE	SNET 4442/SUSPECTED	UCONN CAMPUS STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	MVA 9806266/CLOSED	MIDDLE TURNPIKE STORRS MANSFIE CT	NON GC	N/A	N/A
	STATE	UCONN ORCHARD 2687/SUSPECTED	STATE HIGHWAY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	ALGONQUIN GAS CO 944812/CLOSED	TUCKER ST STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	ANDREWS OIL 200307467/CLOSED	153 AVERY ST STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	BIO - PHYSICS BUILDING - UCONN 200400293/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	BRAGG TRUCKING 926398/CLOSED	UNITED STATES HIGHWAY 44 RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	C WHITE 9707484/CLOSED	MANSFIELD EXTRA MART STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	C. L. and P 200003591/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	CAMPUS BUS COMPANY 9605922/CLOSED	CONTECH RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	CLandP 9802242/CLOSED	GURLEYVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	STATE	MANSFIELD DEPOT 2757/SUSPECTED	UNITED STATES HIGHWAY 44 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAA 200006866/CLOSED	33 KNOLL WOOD ACRES STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	RESIDENTIAL FORESTERS 200505999/CLOSED	OLD TURNPIKE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	S.A.A. 9905090/CLOSED	AUDITORIUM RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	SAA 200905259/CLOSED	STORRS-MANSFIELD UCONN BOLT STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAA 201005434/CLOSED	STORRS-MANSFIELD MANSFIELD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAA 201003088/CLOSED	6 SHERMAN PL STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAA 201100633/CLOSED	STORRS-MANSFIELD KING HILL STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAA 201100768/CLOSED	STORRS-MANSFIELD 1346 STORR STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAA 201100056/CLOSED	N STORRS-MANSFIELD 97 EAGLE STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAA 200605842/CLOSED	RTE 195 and HORSE BARN HILL STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	MV IN POND 200407694/CLOSED	BONE MILL RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	SAA 200705905/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	PRIVATE VEHICLE 9606124/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	SAA 200807392/CLOSED	UCONN CAMPUS, STORRS MANSFI STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAA 200805481/CLOSED	584 GURLYVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAA 200602084/CLOSED	UNKNOWN STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAA 200606452/CLOSED	STORRS-MANSFIELD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAA 200208619/CLOSED	UCONN - STORRS STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAA 200802926/CLOSED	BAXTER RD and RT-44 TO HUNT STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAME 200006218/CLOSED	UCONN/STADIUM DR/PARKING LO STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAME 200306485/CLOSED	CAMPUS AT END OF AUDITORIUM STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAME 200301682/CLOSED	E ROUTE 44 POLE 1554 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	SAA 200705907/CLOSED	HORSE BARN HILL RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	200407541/CLOSED	HORSE BARN HILL RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	ST OF CT D P W 954812/CLOSED	S EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	MVA 200405945/CLOSED	HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	MVA 200104814/CLOSED	STORRS-MANSFIELDRT 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	MVA 200303002/CLOSED	GLENBROOK RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	MVA 200300400/CLOSED	STORRS-MANSFIELD STATE 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	MVA 200008538/CLOSED	HORSE BARN HILL AND STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	MVA 200400120/CLOSED	STATE HIGHWAY 195 SOUTH OF STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	MVA 200304275/CLOSED	BONEMILL RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	MVA 200605812/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	PRIVATE VEHICLE 200407408/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	MVA 9707452/CLOSED	CODFISH FALLS RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	PRIVATE VEHICLE 200401907/CLOSED	HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	N U 911740/CLOSED	UNITED STATES HIGHWAY 44 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	N.U. 9604718/CLOSED	STATE HIGHWAY 32 RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	NONE 912661/CLOSED	RTE 275 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	NORTHEAST UTILITIES 942776/CLOSED	ATWOODVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	NORTHEAST UTILITIES 943348/CLOSED	OLD TURNPIKE STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	PRIVATE 200306833/CLOSED	HORSEHILL BARN RD and RT 19 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	PRIVATE VEHICLE 200208457/CLOSED	STAFFORD RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	PRIVATE VEHICLE 200306195/CLOSED	STADIUM RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	PRIVATE VEHICLE 9604880/CLOSED	HUNTING LODGE ST STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	MV UNKNOWN 9906436/CLOSED	HORSE POND HILL RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200907063/CLOSED	1346 STORRS RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9705550/CLOSED	HUNTINGTON LODGE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9705201/CLOSED	STADIUM RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9700738/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9604570/CLOSED	STORRS - UCONN STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9702354/CLOSED	UNITED STATES HIGHWAY 44 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9700190/CLOSED	ATWOODVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9700300/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	96283/CLOSED	UNITED STATES HIGHWAY 44 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	961674/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	961648/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	942549/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	942081/CLOSED	UNITED STATES HIGHWAY 44 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	951755/CLOSED	FOREST RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9605102/CLOSED	UNKNOWN STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200406401/CLOSED	STATE HIGHWAY 32 N OF UNITE STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	953010/CLOSED	HILLSIDE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	201101073/CLOSED	40 MOODY RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201101206/CLOSED	1501 STORRS STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	934231/CLOSED	GURLYVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	95459/CLOSED	PLEASANT VALLEY RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	951769/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9704681/CLOSED	MANSFIELD CITY 1 MILE FROM STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	952644/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9706055/CLOSED	N INTERSECTIONS OF EAGLEVIL STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	953922/CLOSED	HILLSIDE ST STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	955101/CLOSED	LEDGEBROOK RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	962042/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	962204	STATE HIGHWAY 32 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9705202/CLOSED	STADIUM RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9701732/CLOSED	N EAGLE VILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	952434/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200110080/CLOSED	GRAD DORM L ROOM 104 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	9801690/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200109129/CLOSED	N EAGLEVILLE and AGRICULTUR STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200108164/CLOSED	N ROUTE 195 TRANSPORTED TO STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200108509/CLOSED	STORRS RD STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	200105189/CLOSED	N EAGLEVILLE BY CAMPUS RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200304119/CLOSED	STORRS-MANSFIELD - STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200109906/CLOSED	MANSFIELD CITY TOWN RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200203830/CLOSED	STORRS-MANSFIELD 134 PETERS STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200201384/CLOSED	MANSFIELD GETTY - ROUTE 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200406241/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200406665/CLOSED	N HILL SIDE STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200604950/CLOSED	STORRS-MANSFIELD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200607360/CLOSED	STORRS RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200607657/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200106945/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200004142/CLOSED	RTE 6 UNDER HINDSTREET INTE STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201100294/CLOSED	ROUTE 195 NEAR MANSFIELD RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	9901559/CLOSED	N RT 32 JUST OF COVENTRY STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9807142/CLOSED	UNITED STATES HIGHWAY 44 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9800416/CLOSED	OFF RT 144 HUNTING LODGE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	9808579/CLOSED	LOT 24 VALLEY PARK BARLOW D STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200304646/CLOSED	STORRS-MANSFIELD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200001108/CLOSED	MANSFIELD RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	9701630/CLOSED	MANSFIELD CITY RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	200006394/CLOSED	N STORRS-MANSFIELD RTH CAMP STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200102791/CLOSED	STORRS/ ALUMNI DR STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200101175/CLOSED	HILLSIDE DR STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200103154/CLOSED	STATE HIGHWAY 195 IN FRONT STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	957048/CLOSED	269 E CENTER ST STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200203825/CLOSED	ALUMNI SERVICE (UCONN STORR STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200000919/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	OTHER	SNET 4442/PTP	UCONN CAMPUS STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200906629/CLOSED	NORTH EAGLEVILLE RD and NOR STORRS MANSFIE CT	NON GC	N/A	N/A
	UST	UNIVERSITY OF CONNECTICUT 09997/PERMANENTLY CLOSED	GLENBROOK RD STORRS MANSFIE CT	NON GC	N/A	N/A
	UST	MANSFIELD SAND PILE 05998/PERMANENTLY CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	UST	MANSFIELD PROFESSIONAL PARK; B 10091/PERMANENTLY CLOSED	UNITED STATES HIGHWAY 44 STORRS MANSFIE CT	NON GC	N/A	N/A
	UST	FARM SERVICES DEPARTMENT, UCON 09998/CURRENTLY IN USE	HORSEBARN HILL RD STORRS MANSFIE CT	NON GC	N/A	N/A
	LUST	CASTLEMAN BLDG. 31674/LUST COMPLETED (PROG	GLENBROOK RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	OTHER	UNIVERSITY OF CONNECTICUT CTOT-07-4-122	ALUMNI RD STORRS MANSFIE CT	NON GC	N/A	N/A
	LUST	HUSKY BP 1330/YES	UNITED STATES HIGHWAY 44 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200905083/CLOSED	3 N HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200905328/CLOSED	INT HILLSIDE RD and STADIUM STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200905892/CLOSED	N EAGLEVILLE FROM NORTHWOOD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200906067/CLOSED	HILL SIDE and STADIUM STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	200906351/CLOSED	STATE HWY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201100777/OPEN	N STORRS-MANSFIELD 126 EAGL STORRS MANSFIE CT	NON GC	N/A	N/A
	OTHER	UNIVERSITY OF CONNECTICUT CTOT-0509-2474/PTP	ALUMNI RD STORRS MANSFIE CT	NON GC	N/A	N/A
	LUST	UCONN PHARMACY BUILDING 45121/PENDING	UNKNOWN STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTA BIA-06268	UNKNOWN CT 06268	NON GC	N/A	N/A
	LUST	WILLLINGTON DOT 29028/CLEANUP INITIATED	RTE 74 WILLINGTON CT 06279	NON GC	N/A	N/A
	LUST	I-84 WESTBOUND REST AREA 29797/INVESTIGATION	I-84 W WILLINGTON CT 06279	NON GC	N/A	N/A
	LUST	DOT REST AREA 45145/PENDING	RTE 84 WILLINGTON CT 06279	NON GC	N/A	N/A
	LUST	UCONN STORRS HORSEBARN 4652	HORSEBARN HILL RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	UST	UNIVERSITY OF CONNECTICUT 09999/PERMANENTLY CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	LUST	UCONN PHYSICS DEPT. BUILDING 45122/PENDING	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	201000662/CLOSED	126 N EAGVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	LUST	UCONN GLENNBROOK ROAD 31389/LUST COMPLETED (PROG	GLENNBROOK RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	LUST	UCONN GEOPHYSICS BLDG 45120/PENDING	UCONN CAMPUS STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	LUST	UCONN FACILITIES MANAGEMENT 31673/LUST COMPLETED (PROG	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	LUST	UCONN 200801550/CLOSED	STATE HIGHWAY 195 UNCONN MA STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	LUST	UCONN 2693/NO	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	LUST	STORRS/UCONN DPW 4631	S BLDG RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	LUST	UCONN PUMPING STATION 45123/PENDING	FENTON RIVER STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	201007403/CLOSED	112 SAW MILL BROOK LN STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	200906597/CLOSED	N HILL SIDE KING HILL RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201006310/CLOSED	48 WEAVER RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201006462/CLOSED	GILBERT TO MANSFIELD RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201006603/CLOSED	N HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201006647/CLOSED	233 GLENNBROOK RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201007650/CLOSED	GIRLIVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201006962/CLOSED	NORTH EAGLE VILLE RD and ST STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201006100/CLOSED	RT 32 and WEST HIGHLAND RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	941770/CLOSED	STORRS RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	941975/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	942488/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	943329/CLOSED	RTE 89 RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	201007496/CLOSED	195 and HORSEBARN HILL RD. STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200706674/CLOSED	HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201006839/OPEN	FAIRFIELD WAY STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201004930/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201000674/CLOSED	NORTH CAMPUS SERVICE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201000775/CLOSED	UCONN GANT T SCIENCE COMPLE STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201001212/CLOSED	1276 STORRS RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201001218/CLOSED	UCONN POWER PLANT STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	201001659/CLOSED	161 STORRS RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201006446/CLOSED	CHEMISTRY RESEARCH BLDG. RM STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201002144/CLOSED	STATE HIGHWAY 195 and NORTH STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201100624/CLOSED	LEDOYT RD and NORTH EAGLEVI STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201005318/CLOSED	97 N EAGLEVILL IMS BUILDING STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201005390/CLOSED	UCONN STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201005385/CLOSED	STORRS RD and GURLIVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201005797/CLOSED	STORRS RD and WILLOWBROOK STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201005997/CLOSED	2011 N HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201006099/CLOSED	NORTH EAGLEVILLE RD and KIN STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201002104/CLOSED	10 LAUREL WAY STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200904483/CLOSED	STORRS RD and MANSFIELD RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200505684/CLOSED	GIRLYVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200901604/CLOSED	STATE HIGHWAY 195 and MOULT STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200902102/CLOSED	STATE HIGHWAY 32 and RT-275 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200902338/CLOSED	STORRS RD and S EAGLEVILLE STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200902874/CLOSED	STATE HIGHWAY 195 and MOULT STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200900715/CLOSED	YOUNG BUILDING STORRS RD, R STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200904290/CLOSED	ROUTE 275 and EAGLEVILLE DA STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200900666/CLOSED	SILO RD STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	200904990/CLOSED	HILLSIDE and STADIUM RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200502009/CLOSED	N UCONN B-PROJECT JECT SERV STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200502062/CLOSED	HANKS HILL RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200502784/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200503259/CLOSED	STORRS-MANSFIELD GLENN BROO STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200507339/CLOSED	STORRS CENTRAL WAREHOUSE AT STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200903365/CLOSED	STORRS RD and MOULTON RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200806546/CLOSED	STATE HIGHWAY 195 and UNITE STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200701253/CLOSED	209 STAFFORD RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200602980/CLOSED	STORRS RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200602968/CLOSED	HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200805361/CLOSED	N HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200805401/CLOSED	189 STORRS RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200901354/CLOSED	UCONN CAMPUS ON HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200806275/CLOSED	N EAGLEVILLE RD and KING HI STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200505923/CLOSED	GURLEYVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200806902/CLOSED	CHARTER OAK APARTMENTS STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200807402/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200807587/CLOSED	STORRS-MANSFIELD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200807925/OPEN	IMS BUILDING LARGER GANT CO STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	200900558/CLOSED	STORRS RD and HORSEBARN HIL STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200900608/CLOSED	STATE HIGHWAY 195 and DOG L STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200805610/CLOSED	KING HILL RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200603804/CLOSED	UNITED STATES HIGHWAY 44 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200505225/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200406092/CLOSED	MANSFIELD CITY RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200406857/CLOSED	KNOLTON HILL RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	201005969/CLOSED	103 HORSE BARN HILL RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200500122/CLOSED	UNITED STATES HIGHWAY 44 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200306804/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200600284/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200205179/CLOSED	BUNDY RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200604831/CLOSED	UNITED STATES HIGHWAY 44 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200605891/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200606005/CLOSED	HUNTING LODGE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200705565/CLOSED	STATE HIGHWAY 195 JUST S OF STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200705745/CLOSED	HUNTING LODGE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200707708/CLOSED	N EAGELVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200500522/CLOSED	STADIUM RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200401430/CLOSED	UCONN TRANSFER STATION STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	200506146/CLOSED	EAGLVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200506542/CLOSED	PLAINS RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200202750/CLOSED	STORRS-MANSFIELD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200306417/CLOSED	CHARTER OAK APTS BLDG STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200306944/CLOSED	PARKING LOT OFF OF RTE STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200402120/CLOSED	GURLYVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200308353/CLOSED	NATHAN HALE PARKING LOT STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200506890/CLOSED	STORRS LOWER T LOT STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200402032/CLOSED	MANSFIELD HOLLOW STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200402722/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200403009/CLOSED	DODD CENTER STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	942159/CLOSED	PLAINS BR RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200105222/CLOSED	RAVINE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200108510/CLOSED	STATE HIGHWAY 32 NEAR RT 27 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200307438/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	951554/CLOSED	SEPARATIST RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	201003610/CLOSED	POLE 2595 - CEDAR SWAMP R STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	944372/CLOSED	2 HILL PINE DR STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	945882/CLOSED	6 LOT UCONN STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	946085/CLOSED	GILBERT RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	947159/CLOSED	GURLEYVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200007846/CLOSED	STORRS RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	911769/CLOSED	SEPERATIST RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200007190/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	951560/CLOSED	STATE HIGHWAY 195 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	201002157/CLOSED	NORTHEAGLEVILLE RD GANT COM STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201002246/CLOSED	AGRONOMY RD and STATE HIGHW STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201002241/CLOSED	N HILLSIDE DR STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201002488/CLOSED	STORRS RD. and MANSFIELD RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200507451/CLOSED	N PHARMACY BUILDING EAGLEVI STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	947323/CLOSED	OVER RT 6 OVERPASS STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9903119/CLOSED	CEDAR SWAMP RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTA BIA-06279	UNKNOWN CT 06279	NON GC	N/A	N/A
	SPILLS	200800421/CLOSED	STATE HIGHWAY 195 and EO SM STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200801127/CLOSED	RT 44 NEAR DEPOT STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200801876/CLOSED	324 STORRS RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200802729/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	941333/CLOSED	1102 WARRENVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200804809/CLOSED	NORTHEND OF CAMPUS STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201004365/CLOSED	RTE 195 and HORSEBARN HILL STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	9904916/CLOSED	CATFISH FALLS RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9906421/CLOSED	STATE HIGHWAY 32 STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9906855/CLOSED	N UCONN TOWERS LOT STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9907069/CLOSED	N SERVICE ROAD, OFF OF EAGL STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	9908310/CLOSED	COVENTRY BY SOUTH CAMPUS RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200006968/CLOSED	GURYVILLE RD STORRS MANSFIE CT 06268	NON GC	N/A	N/A
	SPILLS	200804483/CLOSED	POLE 239 ON S EAGLEVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200407485/CLOSED	UCONN CAMPUS LOT STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201002878/CLOSED	2390 HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200207014/CLOSED	UNIVERSITY MOTORPOOL CONTAC STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200207786/CLOSED	TECHNOLOGY BEHIND THE FIRE STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200208875/CLOSED	STATE HIGHWAY 32 AND PREISD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200300069/CLOSED	BRITTNEY HALL STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200206617/CLOSED	9 N HILLSIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200302669/CLOSED	STORRS-MANSFIELD WHITNEY RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200206442/CLOSED	BOLTON COURT 7 RTE STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200407722/CLOSED	3 N HILL SIDE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200408256/CLOSED	WEAVER RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200501871/CLOSED	UNITED STATES HIGHWAY 44 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200501869/CLOSED	S RTE OF RTE STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Sites Summary Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

TOTAL: 510 **GEOCODED:** 71 **NON GEOCODED:** 439 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	200501995/CLOSED	N EAGLEVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200506749/CLOSED	PLEASANT VALLEY RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200301584/CLOSED	STORRS-MANSFIELD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	9902123/CLOSED	STORRS-MANSFIELD - UCONN BU STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201004505/CLOSED	DEPOT CAMPUS OFF OF ROUTE STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	201004500/CLOSED	STORRS RD and WILLABROOK STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200907056/CLOSED	NORTH EAGLEVILLE RD. and F STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200906510/CLOSED	RT 195 NEAR TOWERS DORMS STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200905684/CLOSED	STORRS-MANSFIELD BUS STOP STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200206727/CLOSED	S UCONN - BOLTON ROAD, CAMP STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	9901475/CLOSED	UCONN UNIVERSITY HEATING PL STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200706555/CLOSED	10 HUSKY CIR STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	9807667/CLOSED	CORATVILLE RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	9701141/CLOSED	UCONN CAMPUS HORSE BARN RD- STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	9803354/CLOSED	1594 KING ST STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200203942/CLOSED	UCONN-STORRS/CENTRAL UTILIT STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200204138/CLOSED	UCONN CAMPUS/RT-195 STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200205546/CLOSED	CHAPEL - RD STORRS MANSFIE CT	NON GC	N/A	N/A
	SPILLS	200905088/CLOSED	STATE HIGHWAY 195 and WILLO STORRS MANSFIE CT	NON GC	N/A	N/A

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 25 **DIST/DIR:** 0.00 -- **ELEVATION:** 614 **MAP ID:** 1

NAME: ST OF CT D P W
ADDRESS: 1660 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: ST OF CT D P W
SOURCE: CT DEP

REV: 3/13/01
ID1: 944242
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR
REPORT DATE: 08/01/94
REPORT TIME: 14
ACTUAL TIME: 41
REPORTER: DAVE SUPRENANT
D P W

WORK PHONE: 203 486 2392
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: PETROLEUM
DISCHARGED: CONTAM SOIL
GALLONS:
YARDS:
POUNDS:
CON:
DRUMS:
FEDRAL:
CERCLA:
ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:
REP QUAN:
TOTAL POUNDS:

DESCRIPTION:

DATE: 08/01/94
DATE UNKNOWN:
CONTINUOUS SPILL:
SPILL TIME:
RELEASE TERMINATED:
ONGOING RELEASE:
UNKNOWN:
CONTAINED:

ADDITIONAL INFORMATION: REMOVED (2) 500 GAL (1) 1K STEEL (3) 5K USTS PROJECT VI2B760A38 FUSS and O NEIL ON SITE PUMP OUT STATION

WATERBODY:
RIVER:
LIS:
TRIBUTARY:
CATCH BASIN:
POND:
AIR:
SURFACE WATER:
GROUND WATER:
GROUND SURFACE: Y
INSIDE BUILDING:
OTHER AREA:
TOTAL IN WATER:
TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED:
RESPONSIBLE PARTY: ST OF CT D P W

PHONE:
ACCEPT RESPONSIBILITY: Y
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN:
DUN BRAD:
NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED COAST GAURD:
NOTIFIED FIRE MARSHALL:
NOTIFIED LOCAL FIRE DEPT:
NOTIFIED POLICE:
NOTIFIED ATTORNEY GENERAL:
NOTIFIED AQUACULTURE:
NOTIFIED STATE DOHS:
NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE AIR BUREAU:
NOTIFIED STATE WASTE BUREAU:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 25 **DIST/DIR:** 0.00 -- **ELEVATION:** 614 **MAP ID:** 1

NAME: ST OF CT D P W
ADDRESS: 1660 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: ST OF CT D P W
SOURCE: CT DEP

REV: 3/13/01
ID1: 944242
ID2:
STATUS: CLOSED
PHONE:

NOTIFIED WEED HAZ WASTE:
PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: GOVERNMENTAL

CAUSE: INGROUND TANK FAILURE

CORRECTIVE ACTION TAKEN: CONTRACTED REFERRED

NOTIFIED WEED SOLID WASTE:
NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: WILLIAMSON
ASSIGNED DATE: 08/01/94
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION: REFERRED TO LUST

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 62 **DIST/DIR:** 0.00 -- **ELEVATION:** 614 **MAP ID:** 1

NAME: REPUBLIC UCONN TEXACO
ADDRESS: 1660 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV:
ID1: 1323-1327
ID2:
STATUS: NO
PHONE:

REPORT DATE: 03-29-90
MATERIAL: STEEL
LOW CAPACITY: 2000
PRODUCT: GAS/DF

FED REG: YES
NUMBER OF TANKS: 5
HIGH CAPACITY: 8000

TANK REMOVED: YES
TANK RELEASE: YES

UNCONTROLLED RELEASE: YES
PIPING RELEASE: YES

EMERGENCY:
OVERFILL RELEASE:

REMEDIATION: SOIL REMOVAL
REFERRED: WCU/UST
COMMENT:

COMPLETE: NO

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 61 **DIST/DIR:** 0.00 -- **ELEVATION:** 614 **MAP ID:** 1

NAME: REPUBLIC OIL, STORRS TEXACO
ADDRESS: 1660 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 7/18/06
ID1: 28414
ID2: 388
STATUS: CLEANUP INITIATED
PHONE:

SITE INFORMATION

INCIDENT DATE: 9/26/1989
SPILL CASE ID:
SITS CASE ID:
UST SITE ID: 106

MATERIAL:

MOTOR FUEL: -1
DIESEL: 0
GASOLINE: 0
OTHER **0**

CAUSE

LEAK 0
TANK: 0
PIPING: 0
OVERFILL 0
REMOVAL: 0

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 70 **DIST/DIR:** 0.00 -- **ELEVATION:** 614 **MAP ID:** 1

NAME: STORRS TEXACO
ADDRESS: 1660 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV:
ID1: 2692
ID2:
STATUS: NO
PHONE:

REPORT DATE: 03-28-90
MATERIAL: STEEL
LOW CAPACITY: 2000
PRODUCT: S UL

FED REG: YES
NUMBER OF TANKS: 1
HIGH CAPACITY: 2000

TANK REMOVED:
TANK RELEASE:

UNCONTROLLED RELEASE: YES
PIPING RELEASE: YES

EMERGENCY:
OVERFILL RELEASE:

REMEDIATION: NONE
REFERRED: WCU/UST
COMMENT:

COMPLETE: NO

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

UST

SEARCH ID: 47 **DIST/DIR:** 0.00 -- **ELEVATION:** 614 **MAP ID:** 1

NAME: BATES CITGO
ADDRESS: 1660 STORRS RD
MANSFIELD CT 06250
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 4/18/11
ID1: 01208
ID2: 78-1208
STATUS: CURRENTLY IN USE
PHONE:

TOTAL NUMBER OF TANKS: 10

SITE INFORMATION

FACILITY ID: 01208

TANK ID: 1208-1
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 1/1/1972
SUBSTANCE STORED: GASOLINE
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED: 4/1/1990
CAPACITY (GALS): 8000
TANK PROTECTION:
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01208

TANK ID: 1208-10
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 1/1/1971
SUBSTANCE STORED: DIESEL
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED: 4/1/1990
CAPACITY (GALS): 4000
TANK PROTECTION:
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01208

TANK ID: 1208-2
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 7/1/1990
SUBSTANCE STORED: GASOLINE
TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3)
PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC
DOUBLE-WALLED

DATE LAST USED:
CAPACITY (GALS): 8000
TANK PROTECTION:
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01208

TANK ID: 1208-3
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 1/1/1971
SUBSTANCE STORED: GASOLINE
TANK MATERIAL: ASPHALT COATED OR BARE STEEL

DATE LAST USED: 4/1/1990
CAPACITY (GALS): 4000
TANK PROTECTION:

- Continued on next page -

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

UST

SEARCH ID: 47 **DIST/DIR:** 0.00 -- **ELEVATION:** 614 **MAP ID:** 1

NAME: BATES CITGO
ADDRESS: 1660 STORRS RD
MANSFIELD CT 06250
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 4/18/11
ID1: 01208
ID2: 78-1208
STATUS: CURRENTLY IN USE
PHONE:

PIPE MATERIAL: BARE OR GALVONIZED STEEL **PIPE PROTECTION:**

SITE INFORMATION

FACILITY ID: 01208

TANK ID: 1208-4
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 7/1/1990 **DATE LAST USED:**
SUBSTANCE STORED: GASOLINE **CAPACITY (GALS):** 8000
TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3) **TANK PROTECTION:**
PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC **PIPE PROTECTION:**
DOUBLE-WALLED

SITE INFORMATION

FACILITY ID: 01208

TANK ID: 1208-5
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 1/1/1971 **DATE LAST USED:** 4/1/1990
SUBSTANCE STORED: GASOLINE **CAPACITY (GALS):** 4000
TANK MATERIAL: ASPHALT COATED OR BARE STEEL **TANK PROTECTION:**
PIPE MATERIAL: BARE OR GALVONIZED STEEL **PIPE PROTECTION:**

SITE INFORMATION

FACILITY ID: 01208

TANK ID: 1208-6
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 7/1/1990 **DATE LAST USED:**
SUBSTANCE STORED: GASOLINE **CAPACITY (GALS):** 8000
TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3) **TANK PROTECTION:**
PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC **PIPE PROTECTION:**
DOUBLE-WALLED

SITE INFORMATION

FACILITY ID: 01208

TANK ID: 1208-7
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 1/1/1971 **DATE LAST USED:** 4/1/1990
SUBSTANCE STORED: GASOLINE **CAPACITY (GALS):** 4000

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

UST

SEARCH ID: 47 **DIST/DIR:** 0.00 -- **ELEVATION:** 614 **MAP ID:** 1

NAME: BATES CITGO
ADDRESS: 1660 STORRS RD
MANSFIELD CT 06250
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 4/18/11
ID1: 01208
ID2: 78-1208
STATUS: CURRENTLY IN USE
PHONE:

TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

TANK PROTECTION:
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01208

TANK ID: 1208-8
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 7/1/1990
SUBSTANCE STORED: DIESEL
TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3)
PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC
DOUBLE-WALLED

DATE LAST USED:
CAPACITY (GALS): 4000
TANK PROTECTION:
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01208

TANK ID: 1208-9
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 1/1/1971
SUBSTANCE STORED: GASOLINE
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED: 4/1/1990
CAPACITY (GALS): 2000
TANK PROTECTION:
PIPE PROTECTION:

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

STATE

SEARCH ID: 7 **DIST/DIR:** 0.00 -- **ELEVATION:** 614 **MAP ID:** 1

NAME: REPUBLIC OIL \ 4 CORNERS
ADDRESS: 1660 STORRS RD
MANSFIELD CT
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 2355
ID2:
STATUS: SUSPECTED
PHONE:

SITE INFORMATION

WASTE TYPE1: NCHLR VOC - NON CHLORINATED VOLATILE ORGANIC COMPOUNDS
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY: KNIGHT, C.
UPDATED PROGRAM: PWP - DEP WATER BUREAU - POTABLE WATER PROGRAM
UPDATED: 4/6/1995
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS: OVERSEEING QUARTERLY MONITORING OF AFFECTED AREA. HYDROGEOLOGY REPORT SUBMITTED NEEDS REVIEW. (4/95)

SITE NAMES

COMMENTS:

REFERRAL INFORMATION
SOURCE: PWP - DEP WATER BUREAU - POTABLE WATER PROGRAM
RECEIVED: 4/6/1995
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED: 4/13/1995
OUTCOME: PWP

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 71 **DIST/DIR:** 0.00 -- **ELEVATION:** 614 **MAP ID:** 1

NAME: STORRS TEXACO
ADDRESS: 1660 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 7/18/06
ID1: 30512
ID2: 2441
STATUS: INVESTIGATION
PHONE:

SITE INFORMATION

INCIDENT DATE: 3/28/1990
SPILL CASE ID:
SITS CASE ID:
UST SITE ID:

MATERIAL:

MOTOR FUEL: -1
DIESEL: 0
GASOLINE: -1
OTHER **0**

CAUSE

LEAK 0
TANK: 0
PIPING: 0
OVERFILL 0
REMOVAL: 0

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 60 **DIST/DIR:** 0.00 -- **ELEVATION:** 614 **MAP ID:** 1

NAME: REPUBLIC OIL
ADDRESS: 1660 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV:
ID1: 1321
ID2:
STATUS: NO
PHONE:

REPORT DATE: 09-26-89
MATERIAL: STEEL
LOW CAPACITY: 275
PRODUCT: WO

FED REG: YES
NUMBER OF TANKS: 1
HIGH CAPACITY: 275

TANK REMOVED: YES
TANK RELEASE: YES

UNCONTROLLED RELEASE: YES
PIPING RELEASE: YES

EMERGENCY:
OVERFILL RELEASE:

REMEDIATION: SOIL REMOVAL
REFERRED: WCU
COMMENT:

COMPLETE: NO

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 21 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME: NORTHEAST UTILITIES
ADDRESS: MIDDLE TNPKE/RT 195
STORRS MANSFIELD CT 06268
CONTACT: NORTHEAST UTILITIES
SOURCE: CT DEP

REV: 3/13/01
ID1: 936307
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR
REPORT DATE: 11/14/93
REPORT TIME: 14
ACTUAL TIME: 32
REPORTER: MIKE HURLEY
C LandP
TOLLAND STAGE RD
TOLLAND CT 6084

WORK PHONE: 203 871 9285
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: DIELECT
DISCHARGED: TRANSFORMER OIL NON PCB
GALLONS: 1
YARDS:
POUNDS:
CON:
DRUMS:
FEDRAL:
CERCLA:
ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:
REP QUAN:
TOTAL POUNDS:

DESCRIPTION:

DATE: 11/14/93
DATE UNKNOWN:
CONTINUOUS SPILL:
SPILL TIME: 100
RELEASE TERMINATED: Y
ONGOING RELEASE:
UNKNOWN:
CONTAINED: Y

ADDITIONAL INFORMATION:

WATERBODY:
RIVER:
LIS:
TRIBUTARY:
CATCH BASIN:
POND:
AIR:
SURFACE WATER:
GROUND WATER:
GROUND SURFACE: Y
INSIDE BUILDING:
OTHER AREA:
TOTAL IN WATER:
TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED:
RESPONSIBLE PARTY: NORTHEAST UTILITIES

PHONE:
ACCEPT RESPONSIBILITY: Y
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN: N U CREW CLEANED UP
DUN BRAD:
NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED COAST GAURD:
NOTIFIED FIRE MARSHALL:
NOTIFIED LOCAL FIRE DEPT:
NOTIFIED POLICE:
NOTIFIED ATTORNEY GENERAL:
NOTIFIED AQUACULTURE:
NOTIFIED STATE DOHS:
NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE AIR BUREAU:
NOTIFIED STATE WASTE BUREAU:
NOTIFIED WEED HAZ WASTE:
NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 21 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME: NORTHEAST UTILITIES
ADDRESS: MIDDLE TNPKE/RT 195
STORRS MANSFIELD CT 06268
CONTACT: NORTHEAST UTILITIES
SOURCE: CT DEP

REV: 3/13/01
ID1: 936307
ID2:
STATUS: CLOSED
PHONE:

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: UTILITY

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CAUSE: MOTOR VEHICLE ACCIDENT TRANS/CAPACITOR

CORRECTIVE ACTION TAKEN: SANDED

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY:
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION:

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 22 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME: NORTHEAST UTILITIES
ADDRESS: 708 MIDDLE TNPKE/RT 195
STORRS MANSFIELD CT 06268
CONTACT: NORTHEAST UTILITIES
SOURCE: CT DEP

REV: 3/13/01
ID1: 925485
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR
REPORT DATE: 10/29/92
REPORT TIME: 11
ACTUAL TIME: 25
REPORTER: WAYNE ENGLISH
C LandP

WORK PHONE: 203 871 3570
HOME PHONE:
POLE NUMBER: 1797
INCIDENT TYPE: PETROLEUM
DISCHARGED: TRANSFORMER OIL NON PCB
GALLONS:
YARDS:
POUNDS:
CON:
DRUMS:
FEDRAL:
CERCLA:
ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:
REP QUAN:
TOTAL POUNDS:

DESCRIPTION:

DATE: 10/29/92
DATE UNKNOWN:
CONTINUOUS SPILL:
SPILL TIME: 1125
RELEASE TERMINATED: Y
ONGOING RELEASE:
UNKNOWN:
CONTAINED: Y

ADDITIONAL INFORMATION:

WATERBODY:
RIVER:
LIS:
TRIBUTARY:
CATCH BASIN:
POND:
AIR:
SURFACE WATER:
GROUND WATER:
GROUND SURFACE: Y
INSIDE BUILDING:
OTHER AREA:
TOTAL IN WATER:
TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED:
RESPONSIBLE PARTY: NORTHEAST UTILITIES

PHONE:
ACCEPT RESPONSIBILITY: Y
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN: CLEANED/REMOVED
DUN BRAD:
NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED COAST GAURD:
NOTIFIED FIRE MARSHALL:
NOTIFIED LOCAL FIRE DEPT:
NOTIFIED POLICE:
NOTIFIED ATTORNEY GENERAL:
NOTIFIED AQUACULTURE:
NOTIFIED STATE DOHS:
NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE AIR BUREAU:
NOTIFIED STATE WASTE BUREAU:
NOTIFIED WEED HAZ WASTE:
NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 22 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME: NORTHEAST UTILITIES
ADDRESS: 708 MIDDLE TNPKE/RT 195
STORRS MANSFIELD CT 06268
CONTACT: NORTHEAST UTILITIES
SOURCE: CT DEP

REV: 3/13/01
ID1: 925485
ID2:
STATUS: CLOSED
PHONE:

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME: 1125
DISCHARGE CLASS: UTILITY

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE: 10/29/92

CAUSE: NATURAL OTHER LEAKING BUSHING

CORRECTIVE ACTION TAKEN: CLEANED

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: GOTHBERG
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION:

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 30 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME:
ADDRESS: STATE HIGHWAY 195/UNITED STATES HIGHWAY 44
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 3/13/01
ID1: 954188
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR
REPORT DATE: 08/01/95
REPORT TIME: 14
ACTUAL TIME: 50
REPORTER: ELTON
EAGLEVILLE FIRE DEPT

WORK PHONE: 203 875 2543
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: CHEMICAL
DISCHARGED: ANTIFREEZE
GALLONS: 5
YARDS:
POUNDS:
CON:
DRUMS:
FEDRAL:
CERCLA:
ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:
REP QUAN:
TOTAL POUNDS:

DESCRIPTION:

DATE: 08/01/95
DATE UNKNOWN:
CONTINUOUS SPILL:
SPILL TIME: 1423
RELEASE TERMINATED: Y
ONGOING RELEASE:
UNKNOWN:
CONTAINED: Y

ADDITIONAL INFORMATION:

WATERBODY:
RIVER:
LIS:
TRIBUTARY:
CATCH BASIN:
POND:
AIR:
SURFACE WATER:
GROUND WATER:
GROUND SURFACE: Y
INSIDE BUILDING:
OTHER AREA:
TOTAL IN WATER:
TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED: 5
RESPONSIBLE PARTY:

PHONE:
ACCEPT RESPONSIBILITY:
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN: SANDED
DUN BRAD:
NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED COAST GAURD:
NOTIFIED FIRE MARSHALL:
NOTIFIED LOCAL FIRE DEPT:
NOTIFIED POLICE:
NOTIFIED ATTORNEY GENERAL:
NOTIFIED AQUACULTURE:
NOTIFIED STATE DOHS:
NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE AIR BUREAU:
NOTIFIED STATE WASTE BUREAU:
NOTIFIED WEED HAZ WASTE:
NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 30 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME:
ADDRESS: STATE HIGHWAY 195/UNITED STATES HIGHWAY 44
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 3/13/01
ID1: 954188
ID2:
STATUS: CLOSED
PHONE:

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: PRIVATE

CAUSE: MOTOR VEHICLE ACCIDENT

CORRECTIVE ACTION TAKEN: SANDED

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: STAVOLA
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION:

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 23 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME: REPUBLIC OIL
ADDRESS: UNITED STATES HIGHWAY 44/195
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: REPUBLIC OIL
SOURCE: CT DEP

REV: 3/13/01
ID1: 924270
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR
REPORT DATE: 08/27/92
REPORT TIME: 9
ACTUAL TIME: 28
REPORTER: PAUL KOZELKA
REPUBLIC OIL CO
117 ASH ST
WILLIMANTIC CT 6226

WORK PHONE: 203 423 7701
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: PETROLEUM
DISCHARGED: DIESEL
GALLONS: 3
YARDS:
POUNDS:
CON:
DRUMS:
FEDRAL:
CERCLA:
ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:
REP QUAN:
TOTAL POUNDS:

DESCRIPTION:

DATE: 08/26/92
DATE UNKNOWN:
CONTINUOUS SPILL:
SPILL TIME: 1630
RELEASE TERMINATED: Y
ONGOING RELEASE:
UNKNOWN:
CONTAINED: Y

ADDITIONAL INFORMATION:

WATERBODY:
RIVER:
LIS:
TRIBUTARY:
CATCH BASIN:
POND:
AIR:
SURFACE WATER:
GROUND WATER:
GROUND SURFACE: Y
INSIDE BUILDING:
OTHER AREA:
TOTAL IN WATER:
TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED:
RESPONSIBLE PARTY: REPUBLIC OIL
117 ASH ST
WILLIMANTIC CT 6226

PHONE:
ACCEPT RESPONSIBILITY: Y
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN: SPEEDI DRI
DUN BRAD:
NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED COAST GAURD:
NOTIFIED FIRE MARSHALL:
NOTIFIED LOCAL FIRE DEPT:
NOTIFIED POLICE:
NOTIFIED ATTORNEY GENERAL:
NOTIFIED AQUACULTURE:
NOTIFIED STATE DOHS:
NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE AIR BUREAU:
NOTIFIED STATE WASTE BUREAU:
NOTIFIED WEED HAZ WASTE:
NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 23 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME: REPUBLIC OIL
ADDRESS: UNITED STATES HIGHWAY 44/195
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: REPUBLIC OIL
SOURCE: CT DEP

REV: 3/13/01
ID1: 924270
ID2:
STATUS: CLOSED
PHONE:

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME: 928
DISCHARGE CLASS: COMMERCIAL

CAUSE: OVERFILL

CORRECTIVE ACTION TAKEN: REMOVED

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: YORKE
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE: 08/27/92

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION:

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 13 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME: EXXON INC
ADDRESS: UNITED STATES HIGHWAY 44/RT 195
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: EXXON INC
SOURCE: CT DEP

REV: 3/13/01
ID1: 943792
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR
REPORT DATE: 07/12/94
REPORT TIME: 12
ACTUAL TIME: 23
REPORTER: PATRICK LAM
EXXON INC
1400 OLD COUNTRY RD
WESTBURY NY

WORK PHONE: 516 876 4660
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: PETROLEUM
DISCHARGED: GASOLINE
GALLONS: 1
YARDS:
POUNDS:
CON:
DRUMS:
FEDRAL:
CERCLA:
ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:
REP QUAN:
TOTAL POUNDS:

DESCRIPTION:

DATE: 07/12/94
DATE UNKNOWN:
CONTINUOUS SPILL:
SPILL TIME:
RELEASE TERMINATED:
ONGOING RELEASE:
UNKNOWN:
CONTAINED:

ADDITIONAL INFORMATION:

WATERBODY:
RIVER:
LIS:
TRIBUTARY:
CATCH BASIN:
POND:
AIR:
SURFACE WATER:
GROUND WATER: Y
GROUND SURFACE: Y
INSIDE BUILDING:
OTHER AREA:
TOTAL IN WATER:
TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED:
RESPONSIBLE PARTY: EXXON INC
1400 OLD COUNTRY RD
WESTBURY NY

PHONE:
ACCEPT RESPONSIBILITY: Y
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN: MONITORED
DUN BRAD:
NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED COAST GAURD:
NOTIFIED FIRE MARSHALL:
NOTIFIED LOCAL FIRE DEPT:
NOTIFIED POLICE:
NOTIFIED ATTORNEY GENERAL:
NOTIFIED AQUACULTURE:
NOTIFIED STATE DOHS:
NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE AIR BUREAU:
NOTIFIED STATE WASTE BUREAU:
NOTIFIED WEED HAZ WASTE:
NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 13 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME: EXXON INC
ADDRESS: UNITED STATES HIGHWAY 44/RT 195
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: EXXON INC
SOURCE: CT DEP

REV: 3/13/01
ID1: 943792
ID2:
STATUS: CLOSED
PHONE:

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: COMMERCIAL

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CAUSE: TRANSFER LINE FAILURE

CORRECTIVE ACTION TAKEN: REFERRED TEST WELLS CONTAINED/REMOVED

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: ACETO
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION: REFERRED TO WATER MNGMNT

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 41 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME:
ADDRESS: UNITED STATES HIGHWAY 44/RT 195
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 3/13/01
ID1: 923887
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR
REPORT DATE: 08/05/92
REPORT TIME: 10
ACTUAL TIME: 32
REPORTER: TED MORESETT
MANSFIELD F D

WORK PHONE: 203 429 35
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: CHEMICAL
DISCHARGED: ETHYLENE GLYCOL
GALLONS: 2
YARDS:
POUNDS:
CON:
DRUMS:
FEDRAL:
CERCLA:
ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:
REP QUAN:
TOTAL POUNDS:

DESCRIPTION:

DATE:
DATE UNKNOWN:
CONTINUOUS SPILL:
SPILL TIME:
RELEASE TERMINATED:
ONGOING RELEASE:
UNKNOWN:
CONTAINED:

ADDITIONAL INFORMATION:

WATERBODY:
RIVER:
LIS:
TRIBUTARY:
CATCH BASIN: Y
POND:
AIR:
SURFACE WATER: Y
GROUND WATER:
GROUND SURFACE:
INSIDE BUILDING:
OTHER AREA:
TOTAL IN WATER: 1
TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED:
RESPONSIBLE PARTY:

PHONE:
ACCEPT RESPONSIBILITY:
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN:
DUN BRAD:
NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED COAST GAURD:
NOTIFIED FIRE MARSHALL:
NOTIFIED LOCAL FIRE DEPT:
NOTIFIED POLICE:
NOTIFIED ATTORNEY GENERAL:
NOTIFIED AQUACULTURE:
NOTIFIED STATE DOHS:
NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE AIR BUREAU:
NOTIFIED STATE WASTE BUREAU:
NOTIFIED WEED HAZ WASTE:
NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 41 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME:
ADDRESS: UNITED STATES HIGHWAY 44/RT 195
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 3/13/01
ID1: 923887
ID2:
STATUS: CLOSED
PHONE:

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS:

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CAUSE:

CORRECTIVE ACTION TAKEN: NONE DISPERSED

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: PORTER
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION: 87 MAZDA B2000 CT COMBO 262CMY KIM LIPSTREU 135 ARMITAGE RD, ASHFORD D O B 02/03/73

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 32 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME:
ADDRESS: UNITED STATES HIGHWAY 44/RT 195
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 3/13/01
ID1: 952374
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR
REPORT DATE: 04/26/95
REPORT TIME: 18
ACTUAL TIME: 14
REPORTER: TYLER MALLIX
TOLLAND BASE

WORK PHONE: 203 875 2543
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: CHEMICAL
DISCHARGED: ANTIFREEZE/TRANSMISSION FLUID
GALLONS: 2
YARDS:
POUNDS:
CON:
DRUMS:
FEDRAL:
CERCLA:
ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:
REP QUAN:
TOTAL POUNDS:

DESCRIPTION:

DATE: 04/26/95
DATE UNKNOWN:
CONTINUOUS SPILL:
SPILL TIME:
RELEASE TERMINATED: Y
ONGOING RELEASE:
UNKNOWN:
CONTAINED: Y

ADDITIONAL INFORMATION:

WATERBODY:
RIVER:
LIS:
TRIBUTARY:
CATCH BASIN:
POND:
AIR:
SURFACE WATER:
GROUND WATER:
GROUND SURFACE: Y
INSIDE BUILDING:
OTHER AREA:
TOTAL IN WATER:
TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED: 2
RESPONSIBLE PARTY:

PHONE:
ACCEPT RESPONSIBILITY:
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN: SANDED
DUN BRAD:
NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED COAST GAURD:
NOTIFIED FIRE MARSHALL:
NOTIFIED LOCAL FIRE DEPT:
NOTIFIED POLICE:
NOTIFIED ATTORNEY GENERAL:
NOTIFIED AQUACULTURE:
NOTIFIED STATE DOHS:
NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE AIR BUREAU:
NOTIFIED STATE WASTE BUREAU:
NOTIFIED WEED HAZ WASTE:
NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 32 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME:
ADDRESS: UNITED STATES HIGHWAY 44/RT 195
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 3/13/01
ID1: 952374
ID2:
STATUS: CLOSED
PHONE:

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: TRANSPORTATION

CAUSE: MOTOR VEHICLE ACCIDENT

CORRECTIVE ACTION TAKEN: SANDED

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY:
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION:

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 16 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME: MANSFIELD TRAINING SCHOOL ST OF CT DMR
ADDRESS: STATE HIGHWAY 195 and UNITED STATES HIGHWAY 44
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: MANSFIELD TRAINING SCHOOL ST OF CT DMR
SOURCE: CT DEP

REV: 3/13/01
ID1: 912998
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR
REPORT DATE: 06/08/91 **REPORT TIME:** 11
ACTUAL TIME: 30
REPORTER: GARY WHITE
DICK S MANSFIELD EXXON

WORK PHONE:
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: OTHER **DISCHARGED:** DETERGENT/WATER
GALLONS: **YARDS:**
POUNDS: **CON:**
DRUMS: **FEDRAL:**
CERCLA: **ACROSS PROPERTY LINES:**
EMERGENCY CLEANUP: **REP QUAN:**
TOTAL POUNDS:

DESCRIPTION:

DATE: 06/08/91 **DATE UNKNOWN:**
CONTINUOUS SPILL: **SPILL TIME:**
RELEASE TERMINATED: Y **ONGOING RELEASE:**
UNKNOWN: **CONTAINED:**

ADDITIONAL INFORMATION: CALLER I DING HIMSELF AS DR DI METRI OF EPA CALLED MR WHITE and COMPLAINED ABOUT RUNOFF FROM CAR WASH

WATERBODY: CATCHA BASIN **RIVER:**
LIS: **TRIBUTARY:**
CATCH BASIN: Y **POND:**
AIR: **SURFACE WATER:**
GROUND WATER: **GROUND SURFACE:**
INSIDE BUILDING: **OTHER AREA:**
TOTAL IN WATER: **TOTAL RECOVERED FROM WATER:**
TOTAL RECOVERED:
RESPONSIBLE PARTY: MANSFIELD TRAINING SCHOOL ST OF CT DMR

PHONE: **ACCEPT RESPONSIBILITY:**
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN: HAY BALES TO FILTER DISCHARGE
DUN BRAD: **NOTIFIED FEDERAL GOVERNMENT:**
NOTIFIED COAST GAURD: **NOTIFIED FIRE MARSHALL:**
NOTIFIED LOCAL FIRE DEPT: **NOTIFIED POLICE:**
NOTIFIED ATTORNEY GENERAL: **NOTIFIED AQUACULTURE:**
NOTIFIED STATE DOHS: **NOTIFIED STATE WATER BUREAU:**
NOTIFIED STATE AIR BUREAU: **NOTIFIED STATE WASTE BUREAU:**

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 16 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME: MANSFIELD TRAINING SCHOOL ST OF CT DMR
ADDRESS: STATE HIGHWAY 195 and UNITED STATES HIGHWAY 44
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: MANSFIELD TRAINING SCHOOL ST OF CT DMR
SOURCE: CT DEP

REV: 3/13/01
ID1: 912998
ID2:
STATUS: CLOSED
PHONE:

NOTIFIED WEED HAZ WASTE:
PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: GOVERNMENTAL

CAUSE: ILLEGAL DISCHARGE

CORRECTIVE ACTION TAKEN: NONE REQUIRED

NOTIFIED WEED SOLID WASTE:
NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: COSS
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION: ADVOSED STATION OWNER TO DISCONTINUE THE WASHING OF CARS IN HIS PARKING LOT IN FUTURE

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 31 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME:
ADDRESS: STATE HIGHWAY 195/UNITED STATES HIGHWAY 44
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 3/13/01
ID1: 952435
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR
REPORT DATE: 05/09/95
REPORT TIME: 11
ACTUAL TIME: 40
REPORTER: DISP 3
TOLLAND DISPATCH
RT 190
TOLLAND CT 6084

WORK PHONE: 203 875 2543
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: CHEMICAL
DISCHARGED: ANTIFREEZE
GALLONS: 2
YARDS:
POUNDS:
CON:
DRUMS:
FEDRAL:
CERCLA:
ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:
REP QUAN:
TOTAL POUNDS:

DESCRIPTION:

DATE: 05/09/95
DATE UNKNOWN:
CONTINUOUS SPILL:
SPILL TIME: 1140
RELEASE TERMINATED: Y
ONGOING RELEASE:
UNKNOWN:
CONTAINED: Y

ADDITIONAL INFORMATION:

WATERBODY:
RIVER:
LIS:
TRIBUTARY:
CATCH BASIN:
POND:
AIR:
SURFACE WATER:
GROUND WATER:
GROUND SURFACE: Y
INSIDE BUILDING:
OTHER AREA:
TOTAL IN WATER:
TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED: 2
RESPONSIBLE PARTY:

PHONE:
ACCEPT RESPONSIBILITY:
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN: SANDED
DUN BRAD:
NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED COAST GAURD:
NOTIFIED FIRE MARSHALL:
NOTIFIED LOCAL FIRE DEPT:
NOTIFIED POLICE:
NOTIFIED ATTORNEY GENERAL:
NOTIFIED AQUACULTURE:
NOTIFIED STATE DOHS:
NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE AIR BUREAU:
NOTIFIED STATE WASTE BUREAU:
NOTIFIED WEED HAZ WASTE:
NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 31 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME:
ADDRESS: STATE HIGHWAY 195/UNITED STATES HIGHWAY 44
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 3/13/01
ID1: 952435
ID2:
STATUS: CLOSED
PHONE:

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: PRIVATE

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CAUSE: MOTOR VEHICLE ACCIDENT

CORRECTIVE ACTION TAKEN: SANDED

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: ALEXANDER
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION:

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 42 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME:
ADDRESS: STATE HIGHWAY 195/UNITED STATES HIGHWAY 44
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 3/13/01
ID1: 935692
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR
REPORT DATE: 10/16/93 **REPORT TIME:** 15
ACTUAL TIME: 44
REPORTER: ELTON
TOLLAND FIRE DEPT

WORK PHONE: 203 875 2543
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: CHEMICAL **DISCHARGED:** ANTIFREEZE
GALLONS: 4 **YARDS:**
POUNDS: **CON:**
DRUMS: **FEDRAL:**
CERCLA: **ACROSS PROPERTY LINES:**
EMERGENCY CLEANUP: **REP QUAN:**
TOTAL POUNDS:

DESCRIPTION:

DATE: 10/16/93 **DATE UNKNOWN:**
CONTINUOUS SPILL: **SPILL TIME:** 1534
RELEASE TERMINATED: Y **ONGOING RELEASE:**
UNKNOWN: **CONTAINED:** Y

ADDITIONAL INFORMATION: M/V FLIPPED OVER RADIATOR LEAKED FD SANDED

WATERBODY: **RIVER:**
LIS: **TRIBUTARY:**
CATCH BASIN: **POND:**
AIR: **SURFACE WATER:**
GROUND WATER: **GROUND SURFACE:** Y
INSIDE BUILDING: **OTHER AREA:**
TOTAL IN WATER: **TOTAL RECOVERED FROM WATER:**
TOTAL RECOVERED: 4
RESPONSIBLE PARTY:

PHONE: **ACCEPT RESPONSIBILITY:**
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN: SANDED
DUN BRAD: **NOTIFIED FEDERAL GOVERNMENT:**
NOTIFIED COAST GAURD: **NOTIFIED FIRE MARSHALL:**
NOTIFIED LOCAL FIRE DEPT: **NOTIFIED POLICE:**
NOTIFIED ATTORNEY GENERAL: **NOTIFIED AQUACULTURE:**
NOTIFIED STATE DOHS: **NOTIFIED STATE WATER BUREAU:**
NOTIFIED STATE AIR BUREAU: **NOTIFIED STATE WASTE BUREAU:**
NOTIFIED WEED HAZ WASTE: **NOTIFIED WEED SOLID WASTE:**

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 42 **DIST/DIR:** 0.02 SW **ELEVATION:** 618 **MAP ID:** 2

NAME:
ADDRESS: STATE HIGHWAY 195/UNITED STATES HIGHWAY 44
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 3/13/01
ID1: 935692
ID2:
STATUS: CLOSED
PHONE:

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: PRIVATE

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CAUSE: MOTOR VEHICLE ACCIDENT

CORRECTIVE ACTION TAKEN: SANDED

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY:
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION:

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 19 **DIST/DIR:** 0.02 SW **ELEVATION:** 617 **MAP ID:** 3

NAME: MVA
ADDRESS: MIDDLE TPKE and STORRS RD
MANSFIELD CT

CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/22/11
ID1: 200400653
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 2/2/2004
TIME OF RELEASE:
ACTION: SANDED

DISHCHARGER: MVA

STORRS-MANSFIELD CT 06268

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 2/2/2004
TIME OF RELEASE:
ACTION: REMOVED

DISHCHARGER: MVA

STORRS-MANSFIELD CT 06268

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 2/2/2004
TIME OF RELEASE:
ACTION: CONTAINED

DISHCHARGER: MVA

STORRS-MANSFIELD CT 06268

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 2/2/2004 9:01:01 AM
REPORTED BY: DISPATCH
REPORTER S PHONE: 0000000

MATERIAL RELEASED: MOTOR OIL
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 34 **DIST/DIR:** 0.02 SW **ELEVATION:** 617 **MAP ID:** 4

NAME:
ADDRESS: STATE HIGHWAY 195 AND 44
MANSFIELD CT
TOLLAND
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/22/11
ID1: 200107538
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 9/29/2001
TIME OF RELEASE:
ACTION: CLEANED

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 9/29/2001
TIME OF RELEASE:
ACTION: SANDED

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 9/29/2001 12:36:30 PM
REPORTED BY: DISPATCHER 619
REPORTER S PHONE: 8752543

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 3 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 36 **DIST/DIR:** 0.02 SW **ELEVATION:** 617 **MAP ID:** 4

NAME:
ADDRESS: STATE HIGHWAY 195 ROUTE
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: 0- NO RESPONSE
SOURCE: CT DEP

REV: 11/1/01
ID1: 200103122
ID2:
STATUS: CLOSED
PHONE:

CAUSE OF INCIDENT: MV ACCIDENT

SPILLS

SEARCH ID: 37 **DIST/DIR:** 0.02 SW **ELEVATION:** 617 **MAP ID:** 4

NAME:
ADDRESS: UNITED STATES HIGHWAY 44/ RT 195
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: 0- NO RESPONSE
SOURCE: CT DEP

REV: 11/1/01
ID1: 200104287
ID2:
STATUS: CLOSED
PHONE:

CAUSE OF INCIDENT: FIRE

CAUSE OF INCIDENT: MV ACCIDENT

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 39 **DIST/DIR:** 0.02 SW **ELEVATION:** 617 **MAP ID:** 4

NAME:
ADDRESS: STATE HIGHWAY 195
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: 0
SOURCE: CT DEP

REV: 3/16/04
ID1: 9606354
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 12/2/1996
TIME OF RELEASE: 6:42:00 PM
ACTION: OTHER

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 6:43:00 PM
REPORTED BY: 1
REPORTER S PHONE: 8752543

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SPEEDI DRI TO BE DONE SHORTLY

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 33 **DIST/DIR:** 0.02 SW **ELEVATION:** 617 **MAP ID:** 4

NAME:
ADDRESS: UNITED STATES HIGHWAY 44/RT195
MANSFIELD CT
TOLLAND
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/22/11
ID1: 200303554
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 5/12/2003
TIME OF RELEASE:
ACTION: SANDED

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 5/12/2003 9:27:02 PM
REPORTED BY: 519
REPORTER S PHONE: 8752543

MATERIAL RELEASED: CHEMICAL
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 43 **DIST/DIR:** 0.02 SW **ELEVATION:** 617 **MAP ID:** 4

NAME:
ADDRESS: UNITED STATES HIGHWAY 44 and STATE HIGHWAY 195
MANSFIELD CT
TOLLAND
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/22/11
ID1: 200707094
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 11/1/2007
TIME OF RELEASE:
ACTION: SANDED

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 11/1/2007 9:23:55 AM
REPORTED BY: 219
REPORTER S PHONE: 6752543

MATERIAL RELEASED: GASOLINE
QUANTITY SPILLED: 4 GAL

CAUSE OF INCIDENT: OVERFILL

EMERGENCY MEASURES:

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 44 **DIST/DIR:** 0.02 SW **ELEVATION:** 617 **MAP ID:** 4

NAME:
ADDRESS: STATE HIGHWAY 195 and UNITED STATES HIGHWAY 44
MANSFIELD CT
TOLLAND
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/22/11
ID1: 200508707
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 12/29/2005
TIME OF RELEASE: 5:30:00 PM
ACTION: SANDED

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 12/29/2005
TIME OF RELEASE: 5:30:00 PM
ACTION: CLEANED

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 12/29/2005
TIME OF RELEASE: 5:30:00 PM
ACTION: OTHER

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 12/29/2005 5:59:24 PM
REPORTED BY: 119
REPORTER S PHONE: 8752543

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 45 **DIST/DIR:** 0.02 SW **ELEVATION:** 617 **MAP ID:** 4

NAME:
ADDRESS: UNITED STATES HIGHWAY 44 and STATE HIGHWAY 195
MANSFIELD CT
TOLLAND
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/22/11
ID1: 200407480
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 10/29/2004
TIME OF RELEASE:
ACTION: SANDED

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 10/29/2004 10:23:30 AM
REPORTED BY: 519
REPORTER S PHONE: 8752543

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 4 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SPEEDY DRY

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 38 **DIST/DIR:** 0.02 SW **ELEVATION:** 617 **MAP ID:** 4

NAME:
ADDRESS: UNITED STATES HIGHWAY 44 and STATE HIGHWAY 195
MANSFIELD CT
TOLLAND
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/22/11
ID1: 9901771
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 3/20/1999
TIME OF RELEASE: 7:30:00 PM
ACTION: CONTAINED

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 3/20/1999
TIME OF RELEASE: 7:30:00 PM
ACTION: REMOVED

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 7:48:00 PM
REPORTED BY: CHRIS
REPORTER S PHONE: 8752543

MATERIAL RELEASED: GASOLINE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: OVERFILL

EMERGENCY MEASURES:

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 27 **DIST/DIR:** 0.02 SW **ELEVATION:** 617 **MAP ID:** 4

NAME: UNKNOWN
ADDRESS: UNITED STATES HIGHWAY 44 and STATE HIGHWAY 195
MANSFIELD CT
TOLLAND
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/22/11
ID1: 200402236
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 4/13/2004
TIME OF RELEASE:
ACTION: SANDED

DISHCHARGER: UNKNOWN

CT

DISCHARGER S PHONE: 2475930
ACCEPTS RESPONSIBILITY: NO

REPORT TIME: 2:12:00 PM
REPORTED BY: TOLLAND BASE
REPORTER S PHONE: 8752543

MATERIAL RELEASED: ANTIFREEZE and MOTOR OIL
QUANTITY SPILLED: 3 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SANDED BY DOT

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 20 **DIST/DIR:** 0.02 SW **ELEVATION:** 617 **MAP ID:** 4

NAME: MVA
ADDRESS: STATE HIGHWAY 195
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: 0
SOURCE: CT DEP

REV: 3/16/04
ID1: 9605060
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 10/2/1996
TIME OF RELEASE: 12:00:00 PM
ACTION: SANDED

DISHCHARGER: MVA

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 12:33:00 PM
REPORTED BY: DISPATCHER ELTON
REPORTER S PHONE: 8752543

MATERIAL RELEASED: OIL AND ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SANDED

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 35 **DIST/DIR:** 0.02 SW **ELEVATION:** 617 **MAP ID:** 4

NAME:
ADDRESS: UNITED STATES HIGHWAY 44/RT 195
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 3/13/01
ID1: 956405
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR
REPORT DATE: 11/05/95
REPORT TIME: 7
ACTUAL TIME: 39
REPORTER: DISP 3
TOLLAND COUNTY DISP

WORK PHONE: 203 875 2543
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: CHEMICAL
DISCHARGED: ETHYLENE GLYCOL
GALLONS: 6
YARDS:
POUNDS:
CON:
DRUMS:
FEDRAL:
CERCLA:
ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:
REP QUAN:
TOTAL POUNDS:

DESCRIPTION:

DATE: 11/05/95
DATE UNKNOWN:
CONTINUOUS SPILL:
SPILL TIME: 726
RELEASE TERMINATED: Y
ONGOING RELEASE:
UNKNOWN:
CONTAINED: Y

ADDITIONAL INFORMATION:

WATERBODY:
RIVER:
LIS:
TRIBUTARY:
CATCH BASIN:
POND:
AIR:
SURFACE WATER:
GROUND WATER:
GROUND SURFACE: Y
INSIDE BUILDING:
OTHER AREA:
TOTAL IN WATER:
TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED: 6
RESPONSIBLE PARTY:

PHONE:
ACCEPT RESPONSIBILITY:
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN: SANDED
DUN BRAD:
NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED COAST GAURD:
NOTIFIED FIRE MARSHALL:
NOTIFIED LOCAL FIRE DEPT:
NOTIFIED POLICE:
NOTIFIED ATTORNEY GENERAL:
NOTIFIED AQUACULTURE:
NOTIFIED STATE DOHS:
NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE AIR BUREAU:
NOTIFIED STATE WASTE BUREAU:
NOTIFIED WEED HAZ WASTE:
NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 35 **DIST/DIR:** 0.02 SW **ELEVATION:** 617 **MAP ID:** 4

NAME:
ADDRESS: UNITED STATES HIGHWAY 44/RT 195
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 3/13/01
ID1: 956405
ID2:
STATUS: CLOSED
PHONE:

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: PRIVATE

CAUSE: MOTOR VEHICLE ACCIDENT

CORRECTIVE ACTION TAKEN: SANDED

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY:
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION:

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 29 **DIST/DIR:** 0.02 SE **ELEVATION:** 613 **MAP ID:** 5

NAME:
ADDRESS: STATE HIGHWAY 195 and UNITED STATES HIGHWAY 44
MANSFIELD CT
TOLLAND
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/22/11
ID1: 9900253
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE:
TIME OF RELEASE: 8:00:00 PM
ACTION: CLEANED

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE:
TIME OF RELEASE: 8:00:00 PM
ACTION: SANDED

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 8:30:00 PM
REPORTED BY: TOLLAND 911
REPORTER S PHONE: 8752543

MATERIAL RELEASED: MOTOR VEHICLE FLUIDS
QUANTITY SPILLED: 5 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SANDED

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

STATE

SEARCH ID: 5 **DIST/DIR:** 0.03 SW **ELEVATION:** 618 **MAP ID:** 6

NAME: EXXON CORP. 35795
ADDRESS: 623 MIDDLE TPKE
MANSFIELD CT

CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 1915
ID2:
STATUS: SUSPECTED
PHONE:

SITE INFORMATION

WASTE TYPE1: NCHLR VOC - NON CHLORINATED VOLATILE ORGANIC COMPOUNDS
WASTE TYPE2: HYDRO/OIL - HYDROCARBONS AND/OR FUEL OIL
WASTE TYPE3:

DISPOSAL METHOD: UST

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY: POST, M.
UPDATED PROGRAM: CORE
UPDATED: 8/31/1994
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS: WC-5052 STORRS RD. (RT 195)

SITE NAMES
EXXON CO USA 35795
EXXON CO USA 35795

COMMENTS: STORRS RD. (RT 195)

REFERRAL INFORMATION
SOURCE: REMEDIAL - DEP WATER BUREAU - REMEDIATION SECTION
RECEIVED: 8/31/1994
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED:
OUTCOME:

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 66 **DIST/DIR:** 0.05 SE **ELEVATION:** 614 **MAP ID:** 7

NAME: STEVE ROGERS
ADDRESS: 650 MIDDLE TPKE
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV:
ID1: 4207
ID2:
STATUS: YES
PHONE:

REPORT DATE: 10-06-94
MATERIAL: STEEL
LOW CAPACITY: 1000
PRODUCT: HF2

FED REG: NO
NUMBER OF TANKS: 1
HIGH CAPACITY: 1000

TANK REMOVED: YES
TANK RELEASE:

UNCONTROLLED RELEASE: YES
PIPING RELEASE:

EMERGENCY:
OVERFILL RELEASE:

REMEDIATION: NONE
REFERRED:
COMMENT:

COMPLETE: YES

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 26 **DIST/DIR:** 0.05 SE **ELEVATION:** 614 **MAP ID:** 7

NAME: STEVE ROGERS
ADDRESS: 650 MIDDLE TPKE
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: STEVE ROGERS
SOURCE: CT DEP

REV: 3/13/01
ID1: 945771
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: 934
REPORT DATE: 10/06/94 **REPORT TIME:** 15
ACTUAL TIME: 50
REPORTER: STEVE ROGERS

WORK PHONE: 203 429 8455
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: PETROLEUM **DISCHARGED:** 2 FUEL OIL
GALLONS: **YARDS:**
POUNDS: **CON:**
DRUMS: **FEDRAL:**
CERCLA: **ACROSS PROPERTY LINES:**
EMERGENCY CLEANUP: **REP QUAN:**
TOTAL POUNDS:

DESCRIPTION:

DATE: 10/06/94 **DATE UNKNOWN:**
CONTINUOUS SPILL: **SPILL TIME:**
RELEASE TERMINATED: Y **ONGOING RELEASE:**
UNKNOWN: **CONTAINED:** Y

ADDITIONAL INFORMATION: 1K TANK REMOVED LIMITS OF EXCAVATION DUE TO PROXIMITY TO BLDG PROPERTY HAS KNOWN CONTAM BTEX FROM REPUBLIC OIL PROBLEM PRIOR SPILL

WATERBODY: **RIVER:**
LIS: **TRIBUTARY:**
CATCH BASIN: **POND:**
AIR: **SURFACE WATER:**
GROUND WATER: Y **GROUND SURFACE:** Y
INSIDE BUILDING: **OTHER AREA:**
TOTAL IN WATER: **TOTAL RECOVERED FROM WATER:**
TOTAL RECOVERED:
RESPONSIBLE PARTY: STEVE ROGERS
650 MIDDLE TNPK
MANSFIELD CT 6250

PHONE: **ACCEPT RESPONSIBILITY:** Y
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN:
DUN BRAD: **NOTIFIED FEDERAL GOVERNMENT:**
NOTIFIED COAST GAURD: **NOTIFIED FIRE MARSHALL:**
NOTIFIED LOCAL FIRE DEPT: **NOTIFIED POLICE:**
NOTIFIED ATTORNEY GENERAL: **NOTIFIED AQUACULTURE:**
NOTIFIED STATE DOHS: **NOTIFIED STATE WATER BUREAU:**
NOTIFIED STATE AIR BUREAU: **NOTIFIED STATE WASTE BUREAU:**

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 26 **DIST/DIR:** 0.05 SE **ELEVATION:** 614 **MAP ID:** 7

NAME: STEVE ROGERS
ADDRESS: 650 MIDDLE TPKE
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: STEVE ROGERS
SOURCE: CT DEP

REV: 3/13/01
ID1: 945771
ID2:
STATUS: CLOSED
PHONE:

NOTIFIED WEED HAZ WASTE:
PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: PRIVATE

NOTIFIED WEED SOLID WASTE:
NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CAUSE: LEAKING UST REPORT

CORRECTIVE ACTION TAKEN: REMOVED TANK SOIL REMOVAL

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: TORRES
ASSIGNED DATE: 10/06/94
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER: 934
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED: 10/06/94
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT: Y
COPY: 2

MISCELLANEOUS INFORMATION: 1K TANK REMOVED PROPERTY WAS PREVIOUSLY POLLUTED W BTEX BY NEIGHBOR REPUBLIC OIL TANK WAS IN BETWEEN SEPTIC TANK AND BLDG AND THEREFORED DID NOT REQUIRE FURTHER REMEDIATION

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 67 **DIST/DIR:** 0.05 SE **ELEVATION:** 614 **MAP ID:** 7

NAME: STEVE ROGERS
ADDRESS: 650 MIDDLE TPKE
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 7/18/06
ID1: 30498
ID2: 2427
STATUS: LUST COMPLETED (PROGRAM NO LON
PHONE:

SITE INFORMATION

INCIDENT DATE: 10/6/1994
SPILL CASE ID:
SITS CASE ID:
UST SITE ID:

MATERIAL:

MOTOR FUEL: 0
DIESEL: 0
GASOLINE: 0
OTHER **0**

CAUSE

LEAK 0
TANK: 0
PIPING: 0
OVERFILL 0
REMOVAL: 0

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 69 **DIST/DIR:** 0.05 SW **ELEVATION:** 611 **MAP ID:** 8

NAME: STORRS AUTOMOTIVE
ADDRESS: 1659 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 7/18/06
ID1: 28413
ID2: 387
STATUS: CLEANUP INITIATED
PHONE:

SITE INFORMATION

INCIDENT DATE: 7/18/1989
SPILL CASE ID:
SITS CASE ID:
UST SITE ID: 59

MATERIAL:

MOTOR FUEL: -1
DIESEL: 0
GASOLINE: -1
OTHER **0**

CAUSE

LEAK 0
TANK: 0
PIPING: 0
OVERFILL 0
REMOVAL: 0

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

UST

SEARCH ID: 50 **DIST/DIR:** 0.05 SW **ELEVATION:** 611 **MAP ID:** 8

NAME: PUBLIC AMERICA
ADDRESS: 1659 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 4/18/11
ID1: 12343
ID2: 78-12343
STATUS: CURRENTLY IN USE
PHONE:

TOTAL NUMBER OF TANKS: 4

SITE INFORMATION

FACILITY ID: 12343

TANK ID: 12343-1
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 1/1/1999
DATE LAST USED:
SUBSTANCE STORED: GASOLINE
CAPACITY (GALS): 10000
TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC
TANK PROTECTION: DOUBLE-WALLED
PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 12343

TANK ID: 12343-2
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 1/1/1999
DATE LAST USED:
SUBSTANCE STORED: GASOLINE
CAPACITY (GALS): 10000
TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC
TANK PROTECTION: DOUBLE-WALLED
PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 12343

TANK ID: 12343-3
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 1/1/1999
DATE LAST USED:
SUBSTANCE STORED: GASOLINE
CAPACITY (GALS): 10000
TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC
TANK PROTECTION: DOUBLE-WALLED
PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 12343

TANK ID: 12343-4
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED:
DATE LAST USED:
SUBSTANCE STORED: OTHER PETROLEUM (SPECIFY)
CAPACITY (GALS): 10
TANK MATERIAL:
TANK PROTECTION:
PIPE MATERIAL: OTHER (SPECIFY)
PIPE PROTECTION:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

UST

SEARCH ID: 50 **DIST/DIR:** 0.05 SW **ELEVATION:** 611 **MAP ID:** 8

NAME: PUBLIC AMERICA
ADDRESS: 1659 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 4/18/11
ID1: 12343
ID2: 78-12343
STATUS: CURRENTLY IN USE
PHONE:

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

UST

SEARCH ID: 51 **DIST/DIR:** 0.05 SW **ELEVATION:** 611 **MAP ID:** 8

NAME: STORRS AUTOMOTIVE
ADDRESS: 1659 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT: PAUL KOZELKA
SOURCE: CT DEP

REV:
ID1: 06004
ID2:
STATUS:
PHONE: (203)423-7701

	Tanks	Installed	Capacity
CURRENT:	3	JAN 50	5000
REMOVED:	0		
PERMANENT:	0		
UNKNOWN:	0		
TEMP:	0		
CLOSED:	0		

PRODUCTS: OIL/PETRO
TANK MATERIAL: STEEL
PIPE MATERIAL: GALV STEEL

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

UST

SEARCH ID: 52 **DIST/DIR:** 0.05 SW **ELEVATION:** 611 **MAP ID:** 8

NAME: STORRS AUTOMOTIVE MANSFIELD FOUR CORNERS
ADDRESS: 1659 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 6/4/10
ID1: 01245
ID2: 78-1245
STATUS: PERMANENTLY CLOSED
PHONE:

TOTAL NUMBER OF TANKS: 8

SITE INFORMATION

FACILITY ID: 01245

TANK ID: 1245-1
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 11/1/1966
SUBSTANCE STORED: GASOLINE
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED: 1/1/1988
CAPACITY (GALS): 6000
TANK PROTECTION:
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01245

TANK ID: 1245-2
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 11/1/1966
SUBSTANCE STORED: GASOLINE
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED: 1/1/1988
CAPACITY (GALS): 5000
TANK PROTECTION:
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01245

TANK ID: 1245-3
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 11/1/1966
SUBSTANCE STORED: GASOLINE
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED: 1/1/1988
CAPACITY (GALS): 5000
TANK PROTECTION:
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01245

TANK ID: 1245-4
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 11/1/1966
SUBSTANCE STORED: GASOLINE
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED: 1/1/1988
CAPACITY (GALS): 5000
TANK PROTECTION:
PIPE PROTECTION:

- Continued on next page -

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

UST

SEARCH ID: 52 **DIST/DIR:** 0.05 SW **ELEVATION:** 611 **MAP ID:** 8

NAME: STORRS AUTOMOTIVE MANSFIELD FOUR CORNERS
ADDRESS: 1659 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 6/4/10
ID1: 01245
ID2: 78-1245
STATUS: PERMANENTLY CLOSED
PHONE:

SITE INFORMATION

FACILITY ID: 01245

TANK ID: 1245-5
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 9/1/1984
SUBSTANCE STORED: DIESEL
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED: 1/1/1988
CAPACITY (GALS): 2000
TANK PROTECTION:
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01245

TANK ID: 1245-6
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 11/1/1966
SUBSTANCE STORED: HEATING OIL
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED: 4/1/1988
CAPACITY (GALS): 550
TANK PROTECTION:
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01245

TANK ID: 1245-7
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 11/1/1966
SUBSTANCE STORED: USED OIL
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED: 1/1/1988
CAPACITY (GALS): 550
TANK PROTECTION:
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01245

TANK ID: 1245-8
TANK STATUS: PERMANENTLY CLOSED-

DATE INSTALLED:
SUBSTANCE STORED: OTHER PETROLEUM (SPECIFY)
TANK MATERIAL:
PIPE MATERIAL: OTHER (SPECIFY)

DATE LAST USED:
CAPACITY (GALS): 0
TANK PROTECTION:
PIPE PROTECTION:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

UST

SEARCH ID: 52 **DIST/DIR:** 0.05 SW **ELEVATION:** 611 **MAP ID:** 8

NAME: STORRS AUTOMOTIVE MANSFIELD FOUR CORNERS
ADDRESS: 1659 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 6/4/10
ID1: 01245
ID2: 78-1245
STATUS: PERMANENTLY CLOSED
PHONE:

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 68 **DIST/DIR:** 0.05 SW **ELEVATION:** 611 **MAP ID:** 8

NAME: STORRS AUTOMOTIVE
ADDRESS: 1659 STORRS RD
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV:
ID1: 1317-1320
ID2:
STATUS: NO
PHONE:

REPORT DATE: 07-18-89
MATERIAL: STEEL
LOW CAPACITY: 4000
PRODUCT: GAS

FED REG: YES
NUMBER OF TANKS: 4
HIGH CAPACITY: 4000

TANK REMOVED: YES
TANK RELEASE:

UNCONTROLLED RELEASE: YES
PIPING RELEASE: UNK

EMERGENCY: UNK
OVERFILL RELEASE: UNK

REMEDIATION: SOIL REMOVAL
REFERRED: WCU
COMMENT:

COMPLETE: NO

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 18 **DIST/DIR:** 0.07 NW **ELEVATION:** 612 **MAP ID:** 9

NAME: MVA
ADDRESS: STATE HIGHWAY 195 and STATE HIGHWAY 320
MANSFIELD CT
TOLLAND
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/22/11
ID1: 200000544
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 1/27/2000
TIME OF RELEASE:
ACTION: SANDED

DISHCHARGER: MVA

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 1/27/2000 9:19:21 AM
REPORTED BY: DISP. ELTON
REPORTER S PHONE: 8752543

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SANDED, NO DRAINS

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 40 **DIST/DIR:** 0.07 SW **ELEVATION:** 611 **MAP ID:** 10

NAME:
ADDRESS: 637 MIDDLE TPKE
MANSFIELD CT
TOLLAND
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/22/11
ID1: 200903705
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 7/7/2009
TIME OF RELEASE: 1:47:00 PM
ACTION: OTHER

DISHCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 7/7/2009 1:47:28 PM
REPORTED BY: NICK
REPORTER S PHONE: 5838917

MATERIAL RELEASED: NON HAZARDOUS MATERIAL and WATER
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: SEEPAGE

EMERGENCY MEASURES: SPEEDY DRYED

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 57 **DIST/DIR:** 0.08 NE **ELEVATION:** 631 **MAP ID:** 11

NAME: JOHN JONES
ADDRESS: 643 MIDDLE TPKE
STORRS MANSFIELD CT 06268
CONTACT:
SOURCE: CT DEP

REV: 7/18/06
ID1: 33107
ID2: 4982
STATUS: LUST COMPLETED (PROGRAM NO LON
PHONE:

SITE INFORMATION

INCIDENT DATE: 6/12/1997
SPILL CASE ID:
SITS CASE ID: 9703067
UST SITE ID:

MATERIAL:

MOTOR FUEL: 0
DIESEL: 0
GASOLINE: 0
OTHER **0**

CAUSE

LEAK 0
TANK: 0
PIPING: 0
OVERFILL 0
REMOVAL: 0

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 56 **DIST/DIR:** 0.08 NE **ELEVATION:** 631 **MAP ID:** 11

NAME: JOHN JONES
ADDRESS: 643 MIDDLE TPKE
MANSFIELD CT 06268

CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/29/11
ID1: 9703067
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 6/12/1997
TIME OF RELEASE:

DISHCHARGER: JOHN JONES

MANSFIELD CT 06268

DISCHARGER S PHONE: 860 4290362
ACCEPTS RESPONSIBILITY: YES

MATERIAL RELEASED (GAL): 2 FUEL OIL 0

CAUSE OF INCIDENT: 3 - INGROUND TANK FAILURE
OTHER:

REPORT TIME: 6/12/1997 11:51:03 AM
REPORTED BY: SALLY WEISS
REPORTER S PHONE: 6426618

AGENCY NOTIFIED: 9 - DEP
OTHER:
DEP BUREAU: BUREAU OF WASTE MANAGEMENT
DEP DIVISIPN: OIL AND CHEMICAL SPILL RESPONSE

ACTION TAKEN: 17 - REMOVED TANK
OTHER:

ACTION TAKEN: 18 - SOIL REMOVED
OTHER:

EMERGENCY MEASURES: TANK REMOVED ALONG WITH SOIL

MEDIA AFFECTED: 6 - OTHER

WATERBODY AFFECTED: 9 - OTHER

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 15 **DIST/DIR:** 0.08 NE **ELEVATION:** 631 **MAP ID:** 11

NAME: JOHN JONES
ADDRESS: 643 MIDDLE TPKE
MANSFIELD CT

CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/22/11
ID1: 9703067
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 6/12/1997
TIME OF RELEASE:
ACTION: SOIL REMOVED

DISHCHARGER: JOHN JONES

MANSFIELD CT 06268

DISCHARGER S PHONE: 4290362
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 6/12/1997
TIME OF RELEASE:
ACTION: REMOVED TANK

DISHCHARGER: JOHN JONES

MANSFIELD CT 06268

DISCHARGER S PHONE: 4290362
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 6/12/1997 11:51:03 AM
REPORTED BY: SALLY WEISS
REPORTER S PHONE: 6426618

MATERIAL RELEASED: 2 FUEL OIL
CAUSE OF INCIDENT: INGROUND TANK FAILURE

EMERGENCY MEASURES: TANK REMOVED ALONG WITH SOIL

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

STATE

SEARCH ID: 9 **DIST/DIR:** 0.11 NW **ELEVATION:** 612 **MAP ID:** 12

NAME: WILLINGTON TIRE COMPANY, INC.
ADDRESS: 1733 STORRS RD
MANSFIELD CT

CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 4444
ID2:
STATUS: SUSPECTED
PHONE:

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

COMMENTS:

INFORMATION
ESTABLISHMENT: WILLINGTON TIRE COMPANY, INC.
SELLER: HOLIDAY MALL ASSOCIATES LIMITED PTRNSP.
BUYER: E and I ASSOCIATES, LLC

FORM: FORM I **RECEIVED:** 4/2/1998
ACKNOWLEDGED: 8/6/1998 **RETURNED:** 4/27/1998
CERTIFIED: **REVISED:**
ECAF RECEIVED: **ECAF REVIEWED:**

STATUS:

STAFF:

CERTIFIER: HOLIDAY MALL ASSOCIATES LIMITED PTRNSP., TRANSFEROR

,

FIRST PAYMENT: $200 **SECOND PAYMENT:** $

COMMENTS:

REFERRAL INFORMATION

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

STATE

SEARCH ID: 9 **DIST/DIR:** 0.11 NW **ELEVATION:** 612 **MAP ID:** 12

NAME: WILLINGTON TIRE COMPANY, INC.
ADDRESS: 1733 STORRS RD
MANSFIELD CT

CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 4444
ID2:
STATUS: SUSPECTED
PHONE:

SOURCE: PTP - PROPERTY TRANSFER PROGRAM
RECEIVED: 4/2/1998
STAFF:
PROGRAM: PTP - PROPERTY TRANSFER PROGRAM
ASSIGNED:
COMPLETED: 4/2/1998
OUTCOME: PTP

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

OTHER

SEARCH ID: 46 **DIST/DIR:** 0.11 NW **ELEVATION:** 612 **MAP ID:** 12

NAME: WILLINGTON TIRE COMPANY, INC.
ADDRESS: 1733 STORRS RD
MANSFIELD CT

CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 4444
ID2:
STATUS: PTP
PHONE:

INFORMATION

ESTABLISHMENT: WILLINGTON TIRE COMPANY, INC.
SELLER: HOLIDAY MALL ASSOCIATES LIMITED PTRNSP.
BUYER: E and I ASSOCIATES, LLC

FORM: FORM I
RECEIVED: 4/2/1998
ACKNOWLEDGED: 8/6/1998
RETURNED: 4/27/1998
CERTIFIED:
REVISED:
ECAF RECEIVED:
ECAF REVIEWED:

STATUS:

STAFF:

CERTIFIER: HOLIDAY MALL ASSOCIATES LIMITED PTRNSP., TRANSFEROR

,

FIRST PAYMENT: $200
SECOND PAYMENT: $

COMMENTS:

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 17 **DIST/DIR:** 0.11 NW **ELEVATION:** 612 **MAP ID:** 12

NAME: MVA
ADDRESS: 1733 STORRS RD
MANSFIELD CT

CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/22/11
ID1: 9803957
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 6/22/1998
TIME OF RELEASE: 11:30:00 AM
ACTION: SANDED

DISHCHARGER: MVA

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

REPORT TIME: 11:39:00 AM
REPORTED BY: DISPATCHER 10
REPORTER S PHONE: 8752543

MATERIAL RELEASED: MOTOR VEHICLE FLUIDS
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: MOTOR VEHICLE FLUIDS

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 63 **DIST/DIR:** 0.12 SW **ELEVATION:** 604 **MAP ID:** 13

NAME: ROSAL S APARTMENTS
ADDRESS: STATE HIGHWAY 195 and UNITED STATES HIGHWAY 44
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV:
ID1: 1322
ID2:
STATUS: NO
PHONE:

REPORT DATE: 09-27-89
MATERIAL: STEEL
LOW CAPACITY: 5000
PRODUCT: HF2

FED REG: NO
NUMBER OF TANKS: 1
HIGH CAPACITY: 5000

TANK REMOVED: YES
TANK RELEASE:

UNCONTROLLED RELEASE:
PIPING RELEASE:

EMERGENCY:
OVERFILL RELEASE:

REMEDIATION:
REFERRED: LUST
COMMENT:

COMPLETE: NO

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 64 **DIST/DIR:** 0.12 SW **ELEVATION:** 604 **MAP ID:** 13

NAME: ROSAL S APARTMENTS
ADDRESS: STATE HIGHWAY 195 and UNITED STATES HIGHWAY 44
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 7/18/06
ID1: 30365
ID2: 2294
STATUS: PENDING
PHONE:

SITE INFORMATION

INCIDENT DATE: 9/27/1989
SPILL CASE ID:
SITS CASE ID:
UST SITE ID:

MATERIAL:

MOTOR FUEL: 0
DIESEL: 0
GASOLINE: 0
OTHER **0**

CAUSE

LEAK 0
TANK: 0
PIPING: 0
OVERFILL 0
REMOVAL: 0

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 65 **DIST/DIR:** 0.12 SW **ELEVATION:** 604 **MAP ID:** 13

NAME: ROZALL APARTMENTS - BOB RICKIER
ADDRESS: 611 MIDDLE TPKE
MANSFIELD CT 06268

CONTACT: WOFFORD, RON
SOURCE: CT DEP

REV: 3/29/11
ID1: 200503384
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 6/1/2005
TIME OF RELEASE:

DISHCHARGER: ROZALL APARTMENTS - BOB RICKIER

CT

DISCHARGER S PHONE: 860 4237296
ACCEPTS RESPONSIBILITY: YES

MATERIAL RELEASED (GAL): 2 FUEL OIL 4

CAUSE OF INCIDENT: 3 - INGROUND TANK FAILURE
OTHER:

REPORT TIME: 6/1/2005 1:53:26 PM
REPORTED BY: FRAN RAOLA 860-2082314
REPORTER S PHONE: 4293328

AGENCY NOTIFIED: 9 - DEP
OTHER:
DEP BUREAU: BUREAU OF WASTE MANAGEMENT
DEP DIVISIPN: OIL AND CHEMICAL SPILL RESPONSE

AGENCY NOTIFIED: 3 - LOCAL FIRE MARSHAL
OTHER:
DEP BUREAU:
DEP DIVISIPN:

EMERGENCY MEASURES: SMALL LEAK IN BASEMENT, CHRONIC LEAK, UNKNOWN WERE LEAK IS SUSPECTED AROUND FUEL, 3000 GAL TANK UNDER GROUND LINES, FM NOTICED LEAK DURING INSPECTION.

RELEASE CLASS: 6 - PRIVATE

MEDIA AFFECTED: 4 - GROUND SURFACE

WATERBODY AFFECTED: 9 - OTHER

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 14 **DIST/DIR:** 0.12 SW **ELEVATION:** 604 **MAP ID:** 13

NAME: GROUNDWATER AND ENVIRONMENTAL SERVICES
ADDRESS: 611 MIDDLE TPKE
MANSFIELD CT
TOLLAND
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 3/22/11
ID1: 200707882
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 12/6/2007
TIME OF RELEASE:
ACTION: OTHER

DISHCHARGER: GROUNDWATER AND ENVIRONMENTAL SERVICES

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 12/6/2007 12:04:07 PM
REPORTED BY: MICHELLE ALABISL
REPORTER S PHONE: 2206119

MATERIAL RELEASED: PVC PRIMER
CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: UNKNOWN AMOUNT OF PVC PRIMER SHOWING IN GROUNDWATER SAMPLING

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 24 **DIST/DIR:** 0.12 SW **ELEVATION:** 604 **MAP ID:** 13

NAME: ROZALL APARTMENTS - BOB RICKIER
ADDRESS: 611 MIDDLE TPKE
MANSFIELD CT

CONTACT: WOFFORD, RON
SOURCE: CT DEP

REV: 3/22/11
ID1: 200503384
ID2:
STATUS: CLOSED
PHONE:

REPORT TIME: 6/1/2005 1:53:26 PM
REPORTED BY: FRAN RAOLA 860-2082314
REPORTER S PHONE: 4293328

MATERIAL RELEASED: 2 FUEL OIL
QUANTITY SPILLED: 4 GAL

CAUSE OF INCIDENT: INGROUND TANK FAILURE

EMERGENCY MEASURES: SMALL LEAK IN BASEMENT, CHRONIC LEAK, UNKNOWN WERE LEAK IS SUSPECTED AROUND FUEL, 3000 GAL TANK UNDER GROUND LINES, FM NOTICED LEAK DURING INSPECTION.

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

RCRAGN

SEARCH ID: 2 **DIST/DIR:** 0.14 SW **ELEVATION:** 610 **MAP ID:** 14

NAME: CVS PHARMACY 00785
ADDRESS: UNITED STATES HIGHWAY 44 and MANSFIELD SHOPPING
STORRS CT 06268
TOLLAND
CONTACT:
SOURCE: EPA

REV: 3/10/11
ID1: CTR000007625
ID2:
STATUS: SGN
PHONE:

SITE INFORMATION

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: *N - NO*
GPRA POST CLOSURE: *N - NO*
GPRA CA: *N - NO*
GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: *N - NO*
GPRA POST CLOSURE: *N - NO*
GPRA CA: *N - NO*
GPRA COMPLIANCE MONITORING and ENFORCEMENT: *N - NO*

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO

SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC: N - NO
PERMIT WORKLOAD: -----
CLOSURE WORKLOAD: -----
POST CLOSURE WORKLOAD: -----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: -----
CORRECTIVE ACTION WORKLOAD: N - NO
GENERATOR STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000 KG/MONTH OF HAZARDOUS WASTE

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

D000
Silver

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 53 **DIST/DIR:** 0.14 SW **ELEVATION:** 610 **MAP ID:** 14

NAME: EXXON CONTACT=ELENORE LUCARINI
ADDRESS: 632 MIDDLE (FOUR CORNERS) TPKE
MANSFIELD CT 06268

CONTACT: WILLIAMSON, MATT
SOURCE: CT DEP

REV: 3/29/11
ID1: 200002973
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 5/3/2000
TIME OF RELEASE:

DISHCHARGER: EXXON CONTACT=ELENORE LUCARINI
52 BEACHAM ST.
EVERETT MA 02149-

DISCHARGER S PHONE: 617 3812915
ACCEPTS RESPONSIBILITY: YES

MATERIAL RELEASED (GAL): GASOLINE 0

CAUSE OF INCIDENT: 3 - INGROUND TANK FAILURE
OTHER:

REPORT TIME: 3:30:00 PM
REPORTED BY: BILL FABRI OF GES/and SCOTT WING/WATER
REPORTER S PHONE: 6889023

AGENCY NOTIFIED: 9 - DEP
OTHER:
DEP BUREAU: WATER MANAGEMENT ORDER
DEP DIVISIPN:

ACTION TAKEN: 4 - CONTRACTED
OTHER:

EMERGENCY MEASURES: THIS CONSULTANT HAS BEEN BAILING and SAMPLING SINCE ALLIANCE ENERGY PURCHASED IN LATE 1996/ BUT NO FREE PRODUCT

RELEASE CLASS: 8 - COMMERCIAL

MEDIA AFFECTED: 3 - GROUND WATER

WATERBODY AFFECTED: 4 - GROUNDWATER

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 11 **DIST/DIR:** 0.14 SW **ELEVATION:** 610 **MAP ID:** 14

NAME: EXXON CONTACT=ELENORE LUCARINI
ADDRESS: 632 MIDDLE (FOUR CORNERS) TPKE
MANSFIELD CT

CONTACT: WILLIAMSON, MATT
SOURCE: CT DEP

REV: 3/22/11
ID1: 200002973
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 5/3/2000
TIME OF RELEASE:
ACTION: CONTRACTED

DISHCHARGER: EXXON CONTACT=ELENORE LUCARINI
52 BEACHAM ST.
EVERETT MA 02149-

DISCHARGER S PHONE: 3812915
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 3:30:00 PM
REPORTED BY: BILL FABRI OF GES/and SCOTT WING/WATER
REPORTER S PHONE: 6889023

MATERIAL RELEASED: GASOLINE
CAUSE OF INCIDENT: INGROUND TANK FAILURE

EMERGENCY MEASURES: THIS CONSULTANT HAS BEEN BAILING and SAMPLING SINCE ALLIANCE ENERGY PURCHASED IN LATE 1996/ BUT NO FREE PRODUCT

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 55 **DIST/DIR:** 0.15 SW **ELEVATION:** 610 **MAP ID:** 15

NAME: HUSKY MOBILE (FORMER BP)
ADDRESS: 607 MIDDLE TPKE
STORRS MANSFIELD CT 06268
CONTACT:
SOURCE: CT DEP

REV: 7/18/06
ID1: 28416
ID2: 390
STATUS: LUST COMPLETED (PROGRAM NO LON
PHONE:

SITE INFORMATION

INCIDENT DATE: 3/28/1991
SPILL CASE ID:
SITS CASE ID:
UST SITE ID:

MATERIAL:

MOTOR FUEL: -1
DIESEL: 0
GASOLINE: -1
OTHER **0**

CAUSE

LEAK 0
TANK: 0
PIPING: 0
OVERFILL 0
REMOVAL: 0

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

UST

SEARCH ID: 49 **DIST/DIR:** 0.15 SW **ELEVATION:** 610 **MAP ID:** 15

NAME: HUSKY MOBIL
ADDRESS: 607 MIDDLE TPKE
MANSFIELD CT 06250
CONTACT:
SOURCE: CT DEP

REV: 4/18/11
ID1: 01185
ID2: 78-1185
STATUS: CURRENTLY IN USE
PHONE:

TOTAL NUMBER OF TANKS: 6

SITE INFORMATION

FACILITY ID: 01185

TANK ID: 1185-1
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 1/1/1950
SUBSTANCE STORED: GASOLINE
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED: 4/1/1988
CAPACITY (GALS): 2000
TANK PROTECTION:
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01185

TANK ID: 1185-2
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 10/1/1988
SUBSTANCE STORED: GASOLINE
TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED:
CAPACITY (GALS): 10000
TANK PROTECTION: DOUBLE-WALLED
PIPE PROTECTION: DOUBLE-WALLED

SITE INFORMATION

FACILITY ID: 01185

TANK ID: 1185-3
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 1/1/1950
SUBSTANCE STORED: GASOLINE
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED: 9/1/1988
CAPACITY (GALS): 3000
TANK PROTECTION:
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01185

TANK ID: 1185-4
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 10/1/1988
SUBSTANCE STORED: GASOLINE
TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED:
CAPACITY (GALS): 10000
TANK PROTECTION: DOUBLE-WALLED
PIPE PROTECTION: DOUBLE-WALLED

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

UST

SEARCH ID: 49 **DIST/DIR:** 0.15 SW **ELEVATION:** 610 **MAP ID:** 15

NAME: HUSKY MOBIL
ADDRESS: 607 MIDDLE TPKE
MANSFIELD CT 06250

CONTACT:
SOURCE: CT DEP

REV: 4/18/11
ID1: 01185
ID2: 78-1185
STATUS: CURRENTLY IN USE
PHONE:

SITE INFORMATION

FACILITY ID: 01185

TANK ID: 1185-5
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 1/1/1950
SUBSTANCE STORED: GASOLINE
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED: 9/1/1988
CAPACITY (GALS): 10000
TANK PROTECTION:
PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01185

TANK ID: 1185-6
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 10/1/1988
SUBSTANCE STORED: DIESEL
TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED:
CAPACITY (GALS): 4000
TANK PROTECTION: DOUBLE-WALLED
PIPE PROTECTION: DOUBLE-WALLED

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

STATE

SEARCH ID: 6 **DIST/DIR:** 0.15 SW **ELEVATION:** 610 **MAP ID:** 15

NAME: HUSKY S MINI MART
ADDRESS: 607 MIDDLE TPKE
MANSFIELD CT

CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 2095
ID2:
STATUS: SUSPECTED
PHONE:

SITE INFORMATION

WASTE TYPE1: HYDRO/OIL - HYDROCARBONS AND/OR FUEL OIL
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD: SPILL/DUMP

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY: POST, M.
UPDATED PROGRAM: CORE
UPDATED: 1/31/1995
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

COMMENTS:

REFERRAL INFORMATION

REFERRAL INFORMATION
SOURCE: SPILLS
RECEIVED: 7/22/1995
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED:
OUTCOME:

SOURCE: SPILLS
RECEIVED: 2/1/1995
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED:
OUTCOME:

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 10 **DIST/DIR:** 0.15 SW **ELEVATION:** 610 **MAP ID:** 15

NAME: DRAKE PETROLEUM
ADDRESS: 607 MIDDLE TPKE
STORRS MANSFIELD CT 06268
CONTACT: DRAKE PETROLEUM
SOURCE: CT DEP

REV: 3/13/01
ID1: 911076
ID2:
STATUS: CLOSED
PHONE: 401 461 5500

SITE INFORMATION

INSPECTOR S BADGE NUMBER: 934
REPORT DATE: 03/27/91
REPORT TIME: 8
ACTUAL TIME: 30
REPORTER: CHARLSE COSGROVE
DEPUTY F M

WORK PHONE: 203 429 35
HOME PHONE: 203 429 3328
POLE NUMBER:
INCIDENT TYPE: PETROLEUM
DISCHARGED: GASOLINE
GALLONS:
YARDS:
POUNDS:
CON:
DRUMS:
FEDRAL:
CERCLA:
ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:
REP QUAN:
TOTAL POUNDS:

DESCRIPTION:

DATE: 03/26/91
DATE UNKNOWN:
CONTINUOUS SPILL:
SPILL TIME: 230
RELEASE TERMINATED: Y
ONGOING RELEASE:
UNKNOWN:
CONTAINED:

ADDITIONAL INFORMATION: DUMPING EQUIPMENT

WATERBODY:
RIVER:
LIS:
TRIBUTARY:
CATCH BASIN:
POND:
AIR:
SURFACE WATER:
GROUND WATER: Y
GROUND SURFACE:
INSIDE BUILDING:
OTHER AREA:
TOTAL IN WATER:
TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED:
RESPONSIBLE PARTY: DRAKE PETROLEUM
355 ALLEN ST
PROVIDENCE RI

PHONE: 401 461 5500
ACCEPT RESPONSIBILITY: Y
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN: REPLACED DISPENSERS/LINES
DUN BRAD:
NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED COAST GAURD:
NOTIFIED FIRE MARSHALL:
NOTIFIED LOCAL FIRE DEPT:
NOTIFIED POLICE:
NOTIFIED ATTORNEY GENERAL:
NOTIFIED AQUACULTURE:
NOTIFIED STATE DOHS:
NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE AIR BUREAU:
NOTIFIED STATE WASTE BUREAU:
NOTIFIED WEED HAZ WASTE:
NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 10 **DIST/DIR:** 0.15 SW **ELEVATION:** 610 **MAP ID:** 15

NAME: DRAKE PETROLEUM
ADDRESS: 607 MIDDLE TPKE
STORRS MANSFIELD CT 06268
CONTACT: DRAKE PETROLEUM
SOURCE: CT DEP

REV: 3/13/01
ID1: 911076
ID2:
STATUS: CLOSED
PHONE: 401 461 5500

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: COMMERCIAL

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE: 03/16/91

CAUSE: OTHER DISPENSER

CORRECTIVE ACTION TAKEN: REPAIRED LINE OTHER REPLACED DISPENSERS

CONTRACTOR: Y
DID DEP HIRE CONT: N
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: SANTACROCE
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME: DRAKE PETROLEUM
355 ALLEN ST
PROVIDENCE RI

CONT NAME: NTSS, INC
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER: 934
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER: 3

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED: 03/27/91
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME: SAME
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT: Y
COPY: P

MISCELLANEOUS INFORMATION: DISPENSER WAS HIT BY VEHICLE BECAUSE OF POTENTIAL LINE DAMAGE A LINE TEST WAS ORDERED LINE FAILED DRAKE UNCOVERED LINESand TANKS 1) INSTALLED SUBMERSIBLE PUMPS 2) REPLACED LINES 3) REPLACED DISPENS

ERS THERE WAS NOT CONTAMIANTED SOIL

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 28 **DIST/DIR:** 0.15 SW **ELEVATION:** 610 **MAP ID:** 15

NAME: XTRA MART/HUSKY S MOBIL
ADDRESS: 607 MIDDLE TNPK/RT 44
STORRS MANSFIELD CT 06268
CONTACT: XTRA MART/HUSKY S MOBIL
SOURCE: CT DEP

REV: 3/13/01
ID1: 94900
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: 932
REPORT DATE: 02/20/94
REPORT TIME: 3
ACTUAL TIME: 58
REPORTER: DISP 12
TOLLAND DISPATCH

WORK PHONE: 203 875 2543
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: PETROLEUM
DISCHARGED: GASOLINE
GALLONS: 50
YARDS:
POUNDS:
CON:
DRUMS:
FEDRAL:
CERCLA:
ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:
REP QUAN:
TOTAL POUNDS:

DESCRIPTION:

DATE: 02/20/94
DATE UNKNOWN:
CONTINUOUS SPILL:
SPILL TIME:
RELEASE TERMINATED: Y
ONGOING RELEASE:
UNKNOWN:
CONTAINED: Y

ADDITIONAL INFORMATION:

WATERBODY:
RIVER:
LIS:
TRIBUTARY:
CATCH BASIN:
POND:
AIR:
SURFACE WATER:
GROUND WATER: Y
GROUND SURFACE: Y
INSIDE BUILDING:
OTHER AREA:
TOTAL IN WATER: 20
TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED: 30
RESPONSIBLE PARTY: XTRA MART/HUSKY S MOBIL
607 MIDDLE TNPKE
MANSFIELD CT 6250

PHONE:
ACCEPT RESPONSIBILITY: Y
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN: SANDED/SPEEDI DRI
DUN BRAD:
NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED COAST GAURD:
NOTIFIED FIRE MARSHALL:
NOTIFIED LOCAL FIRE DEPT:
NOTIFIED POLICE:
NOTIFIED ATTORNEY GENERAL:
NOTIFIED AQUACULTURE:
NOTIFIED STATE DOHS:
NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE AIR BUREAU:
NOTIFIED STATE WASTE BUREAU:
NOTIFIED WEED HAZ WASTE:
NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 28 **DIST/DIR:** 0.15 SW **ELEVATION:** 610 **MAP ID:** 15

NAME: XTRA MART/HUSKY S MOBIL
ADDRESS: 607 MIDDLE TNPK/RT 44
STORRS MANSFIELD CT 06268
CONTACT: XTRA MART/HUSKY S MOBIL
SOURCE: CT DEP

REV: 3/13/01
ID1: 94900
ID2:
STATUS: CLOSED
PHONE:

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: COMMERCIAL

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CAUSE: OTHER DISPENSER HIT BY M/V

CORRECTIVE ACTION TAKEN: OTHER REFERRED MONITOR WELL

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY:
ASSIGNED DATE: 02/20/94
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER: 932
ASSIGNED TIME: 4 13
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED: 02/20/94
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT: Y
COPY: 2

MISCELLANEOUS INFORMATION: SEE REPORT ANALYSES ATTACHED REFERRED TO WATER MNGMNT

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

RCRAGN

SEARCH ID: 1 **DIST/DIR:** 0.16 NE **ELEVATION:** 640 **MAP ID:** 16

NAME: ALLIANCE ENERGY
ADDRESS: 632 MIDDLE TPKE
STORRS MANSFIELD CT 06268

CONTACT: VICTORIA CAROLINE
SOURCE: EPA

REV: 6/6/06
ID1: CTD983876962
ID2:
STATUS: SGN
PHONE: 8008998602

SITE INFORMATION

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: *N - NO*
GPRA POST CLOSURE: *N - NO*
GPRA CA: *N - NO*
GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: *N - NO*
GPRA POST CLOSURE: *N - NO*
GPRA CA: *N - NO*
GPRA COMPLIANCE MONITORING and ENFORCEMENT: *N - NO*

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO

SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC: N - NO
PERMIT WORKLOAD: -----
CLOSURE WORKLOAD: -----
POST CLOSURE WORKLOAD: -----
PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: -----
CORRECTIVE ACTION WORKLOAD: N - NO
GENERATOR STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000 KG/MONTH OF HAZARDOUS WASTE

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

D000
Benzene

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 54 **DIST/DIR:** 0.16 NE **ELEVATION:** 640 **MAP ID:** 16

NAME: EXXON RAS 3-5795
ADDRESS: 632 MIDDLE TPKE
STORRS MANSFIELD CT 06268

CONTACT:
SOURCE: CT DEP

REV: 7/18/06
ID1: 35727
ID2: 7676
STATUS: PENDING
PHONE:

SITE INFORMATION

INCIDENT DATE: 8/29/1989
SPILL CASE ID:
SITS CASE ID: 198903059
UST SITE ID: 646

MATERIAL:

MOTOR FUEL: 0
DIESEL: 0
GASOLINE: 0
OTHER **0**

CAUSE

LEAK 0
TANK: 0
PIPING: 0
OVERFILL 0
REMOVAL: 0

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

RCRANLR

SEARCH ID: 3 **DIST/DIR:** 0.16 NE **ELEVATION:** 640 **MAP ID:** 16

NAME: ALLIANCE ENERGY
ADDRESS: 632 MIDDLE TPKE
STORRS CT 06268

CONTACT:
SOURCE: EPA

REV: 3/10/11
ID1: CTD983876962
ID2:
STATUS: NLR
PHONE:

SITE INFORMATION

CONTACT INFORMATION: CAROLYN JONES
WASTE ADMIN
PO BOX 4552
HOUSTON TX 772104552

PHONE: 7136569075

UNIVERSE TYPE:

SIC INFORMATION:

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 12 **DIST/DIR:** 0.16 NE **ELEVATION:** 640 **MAP ID:** 16

NAME: EXXON COMPANY
ADDRESS: 632 MIDDLE TNPKE
STORRS MANSFIELD CT 06268
CONTACT: EXXON COMPANY
SOURCE: CT DEP

REV: 3/13/01
ID1: 935587
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR
REPORT DATE: 10/11/93
REPORT TIME: 11
ACTUAL TIME: 26
REPORTER: STEVE NELSON
EXXON COMPANY

WORK PHONE: 800 892 3647
HOME PHONE:
POLE NUMBER:
INCIDENT TYPE: PETROLEUM
DISCHARGED: GASOLINE
GALLONS: 1
YARDS:
POUNDS:
CON:
DRUMS:
FEDRAL:
CERCLA:
ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:
REP QUAN:
TOTAL POUNDS:

DESCRIPTION:

DATE: 10/11/93
DATE UNKNOWN:
CONTINUOUS SPILL:
SPILL TIME: 1045
RELEASE TERMINATED: Y
ONGOING RELEASE:
UNKNOWN:
CONTAINED: Y

ADDITIONAL INFORMATION: MECHANICAL MALFUNCTION ON GAS PUMP

WATERBODY:
RIVER:
LIS:
TRIBUTARY:
CATCH BASIN:
POND:
AIR:
SURFACE WATER:
GROUND WATER:
GROUND SURFACE: Y
INSIDE BUILDING:
OTHER AREA:
TOTAL IN WATER:
TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED: 1
RESPONSIBLE PARTY: EXXON COMPANY

PHONE:
ACCEPT RESPONSIBILITY: Y
POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN: SANDED
DUN BRAD:
NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED COAST GAURD:
NOTIFIED FIRE MARSHALL:
NOTIFIED LOCAL FIRE DEPT:
NOTIFIED POLICE:
NOTIFIED ATTORNEY GENERAL:
NOTIFIED AQUACULTURE:
NOTIFIED STATE DOHS:
NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE AIR BUREAU:
NOTIFIED STATE WASTE BUREAU:
NOTIFIED WEED HAZ WASTE:
NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

SPILLS

SEARCH ID: 12 **DIST/DIR:** 0.16 NE **ELEVATION:** 640 **MAP ID:** 16

NAME: EXXON COMPANY
ADDRESS: 632 MIDDLE TNPKE
STORRS MANSFIELD CT 06268
CONTACT: EXXON COMPANY
SOURCE: CT DEP

REV: 3/13/01
ID1: 935587
ID2:
STATUS: CLOSED
PHONE:

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: COMMERCIAL

CAUSE: OTHER EQUIP FAILURE

CORRECTIVE ACTION TAKEN: EVAPORATED SANDED

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY:
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION:

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

UST

SEARCH ID: 48 **DIST/DIR:** 0.16 NE **ELEVATION:** 640 **MAP ID:** 16

NAME: EXXON, 3-5795
ADDRESS: UNITED STATES HIGHWAY 44A
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 4/18/11
ID1: 01199
ID2: 78-1199
STATUS: PERMANENTLY CLOSED
PHONE:

TOTAL NUMBER OF TANKS: 9

SITE INFORMATION

FACILITY ID: 01199

TANK ID: 1199-1
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 10/1/1969 **DATE LAST USED:** 8/1/1989
SUBSTANCE STORED: GASOLINE **CAPACITY (GALS):** 6000
TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3) **TANK PROTECTION:**
PIPE MATERIAL: BARE OR GALVONIZED STEEL **PIPE PROTECTION:**

SITE INFORMATION

FACILITY ID: 01199

TANK ID: 1199-2
TANK STATUS: PERMANENTLY CLOSED-

DATE INSTALLED: 9/1/1989 **DATE LAST USED:** 8/1/1996
SUBSTANCE STORED: GASOLINE **CAPACITY (GALS):** 12000
TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC **TANK PROTECTION:**
PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC **PIPE PROTECTION:**

SITE INFORMATION

FACILITY ID: 01199

TANK ID: 1199-3
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 10/1/1969 **DATE LAST USED:** 8/1/1989
SUBSTANCE STORED: GASOLINE **CAPACITY (GALS):** 6000
TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3) **TANK PROTECTION:**
PIPE MATERIAL: BARE OR GALVONIZED STEEL **PIPE PROTECTION:**

SITE INFORMATION

FACILITY ID: 01199

TANK ID: 1199-4
TANK STATUS: PERMANENTLY CLOSED-

DATE INSTALLED: 9/1/1989 **DATE LAST USED:** 8/1/1996
SUBSTANCE STORED: GASOLINE **CAPACITY (GALS):** 12000
TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC **TANK PROTECTION:**
PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC **PIPE PROTECTION:**

- Continued on next page -

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

UST

SEARCH ID: 48 **DIST/DIR:** 0.16 NE **ELEVATION:** 640 **MAP ID:** 16

NAME: EXXON, 3-5795
ADDRESS: UNITED STATES HIGHWAY 44A
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 4/18/11
ID1: 01199
ID2: 78-1199
STATUS: PERMANENTLY CLOSED
PHONE:

SITE INFORMATION

FACILITY ID: 01199

TANK ID: 1199-5
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 10/1/1969 **DATE LAST USED:** 8/1/1989
SUBSTANCE STORED: GASOLINE **CAPACITY (GALS):** 4000
TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3) **TANK PROTECTION:**
PIPE MATERIAL: BARE OR GALVONIZED STEEL **PIPE PROTECTION:**

SITE INFORMATION

FACILITY ID: 01199

TANK ID: 1199-6
TANK STATUS: PERMANENTLY CLOSED-

DATE INSTALLED: 9/1/1989 **DATE LAST USED:**
SUBSTANCE STORED: GASOLINE **CAPACITY (GALS):** 12000
TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC **TANK PROTECTION:**
PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC **PIPE PROTECTION:**

SITE INFORMATION

FACILITY ID: 01199

TANK ID: 1199-7
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 10/1/1969 **DATE LAST USED:** 8/1/1989
SUBSTANCE STORED: GASOLINE **CAPACITY (GALS):** 1000
TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3) **TANK PROTECTION:**
PIPE MATERIAL: BARE OR GALVONIZED STEEL **PIPE PROTECTION:**

SITE INFORMATION

FACILITY ID: 01199

TANK ID: 1199-8
TANK STATUS: PERMANENTLY CLOSED-

DATE INSTALLED: 9/1/1989 **DATE LAST USED:**
SUBSTANCE STORED: USED OIL **CAPACITY (GALS):** 1000
TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC **TANK PROTECTION:**
PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC **PIPE PROTECTION:**

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

UST

SEARCH ID: 48 **DIST/DIR:** 0.16 NE **ELEVATION:** 640 **MAP ID:** 16

NAME: EXXON, 3-5795
ADDRESS: UNITED STATES HIGHWAY 44A
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 4/18/11
ID1: 01199
ID2: 78-1199
STATUS: PERMANENTLY CLOSED
PHONE:

SITE INFORMATION

FACILITY ID: 01199

TANK ID: 1199-9
TANK STATUS: PERMANENTLY CLOSED-

DATE INSTALLED: 9/1/1989
SUBSTANCE STORED: GASOLINE
TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC
PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC

DATE LAST USED:
CAPACITY (GALS): 1000
TANK PROTECTION:
PIPE PROTECTION:

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 59 **DIST/DIR:** 0.33 SW **ELEVATION:** 606 **MAP ID:** 17

NAME: MARTY S CITGO
ADDRESS: 575 MIDDLE TPKE
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 7/18/06
ID1: 28412
ID2: 386
STATUS: LUST COMPLETED (PROGRAM NO LON
PHONE:

SITE INFORMATION

INCIDENT DATE: 11/28/1988
SPILL CASE ID:
SITS CASE ID:
UST SITE ID: 695

MATERIAL:

MOTOR FUEL: 0
DIESEL: 0
GASOLINE: 0
OTHER **0**

CAUSE

LEAK 0
TANK: 0
PIPING: 0
OVERFILL 0
REMOVAL: 0

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

STATE

SEARCH ID: 4 **DIST/DIR:** 0.33 SW **ELEVATION:** 606 **MAP ID:** 17

NAME: CIRCLE K 84663
ADDRESS: 575 MIDDLE TPKE
MANSFIELD CT
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 2493
ID2:
STATUS: SUSPECTED
PHONE:

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY: POST, M.
UPDATED PROGRAM: CORE
UPDATED: 6/26/1995
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES
MARTY S SERVICE
MARTY S SERVICE

COMMENTS:

INFORMATION
ESTABLISHMENT: MARTY S SERVICE
SELLER: NEW ENGLAND PETROLEUM INC
BUYER: CHELSEA PARTNERS LTD.

FORM: FORM I
ACKNOWLEDGED: 12/2/1994
CERTIFIED:
ECAF RECEIVED:

RECEIVED: 10/5/1994
RETURNED: 11/8/1994
REVISED: 11/21/1994
ECAF REVIEWED:

STATUS:

STAFF:

CERTIFIER: ,

,

FIRST PAYMENT: $200 **SECOND PAYMENT:** $

COMMENTS:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

STATE

SEARCH ID: 4 **DIST/DIR:** 0.33 SW **ELEVATION:** 606 **MAP ID:** 17

NAME: CIRCLE K 84663
ADDRESS: 575 MIDDLE TPKE
MANSFIELD CT
TOLLAND
CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 2493
ID2:
STATUS: SUSPECTED
PHONE:

REFERRAL INFORMATION

SOURCE: PWP - DEP WATER BUREAU - POTABLE WATER PROGRAM
RECEIVED: 6/26/1995
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED:
OUTCOME:

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

LUST

SEARCH ID: 58 **DIST/DIR:** 0.34 SW **ELEVATION:** 608 **MAP ID:** 18

NAME: MARTY S CITGO
ADDRESS: UNITED STATES HIGHWAY 44
STORRS MANSFIELD CT 06268
TOLLAND
CONTACT:
SOURCE: CT DEP

REV:
ID1: 1313-1315
ID2:
STATUS: YES
PHONE:

REPORT DATE: 11-28-88
MATERIAL: STEEL
LOW CAPACITY: 6000
PRODUCT: GAS

FED REG: YES
NUMBER OF TANKS: 3
HIGH CAPACITY: 6000

TANK REMOVED: UNK
TANK RELEASE:

UNCONTROLLED RELEASE:
PIPING RELEASE:

EMERGENCY:
OVERFILL RELEASE:

REMEDIATION:
REFERRED: SWU
COMMENT:

COMPLETE: YES

Environmental FirstSearch
Site Detail Report

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

STATE

SEARCH ID: 8 **DIST/DIR:** 0.90 SE **ELEVATION:** 690 **MAP ID:** 19

NAME: UCONN - PUMP HOUSE
ADDRESS: TOWER LOOP RD
MANSFIELD CT

CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 2864
ID2:
STATUS: SUSPECTED
PHONE:

SITE INFORMATION

WASTE TYPE1: HYDRO/OIL - HYDROCARBONS AND/OR FUEL OIL
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD: UST

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP: SPILLS
UPDATED BY: DANYLUK, M.
UPDATED PROGRAM: DandA
UPDATED: 9/27/1996
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS: SPILLS REC D REPORT 10/6/95 OF LEAKING 2 FUEL OIL 1,000 GAL UST. (9/96)

SITE NAMES

COMMENTS:

REFERRAL INFORMATION
SOURCE: SPILLS
RECEIVED: 10/6/1995
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED:
OUTCOME:

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: 1660 STORRS ROAD
STORRS MANSFIELD CT 06268

JOB: 01-216075

Street Name	Dist/Dir	Street Name	Dist/Dir
Middle Tpke	0.02 SE		
State Highway 195	0.00 --		
State Highway 320	0.05 NW		
Storrs Rd	0.00 --		
United States Highwa	0.02 SE		
Willington Hill Rd	0.05 NW		

HISTORICAL FIRE INSURANCE MAPS

NO MAPS AVAILABLE

04-28-11
01-216075
1660 STORRS ROAD
STORRS MANSFIELD CT 06268

A search of FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability confirmed that there are NO MAPS AVAILABLE for the Subject Location as shown above.

FirstSearch Technology Corporation's proprietary database of historical fire insurance map availability represents abstracted information from the Sanborn® Map Company obtained through online access to the U.S. Library of Congress via local libraries.

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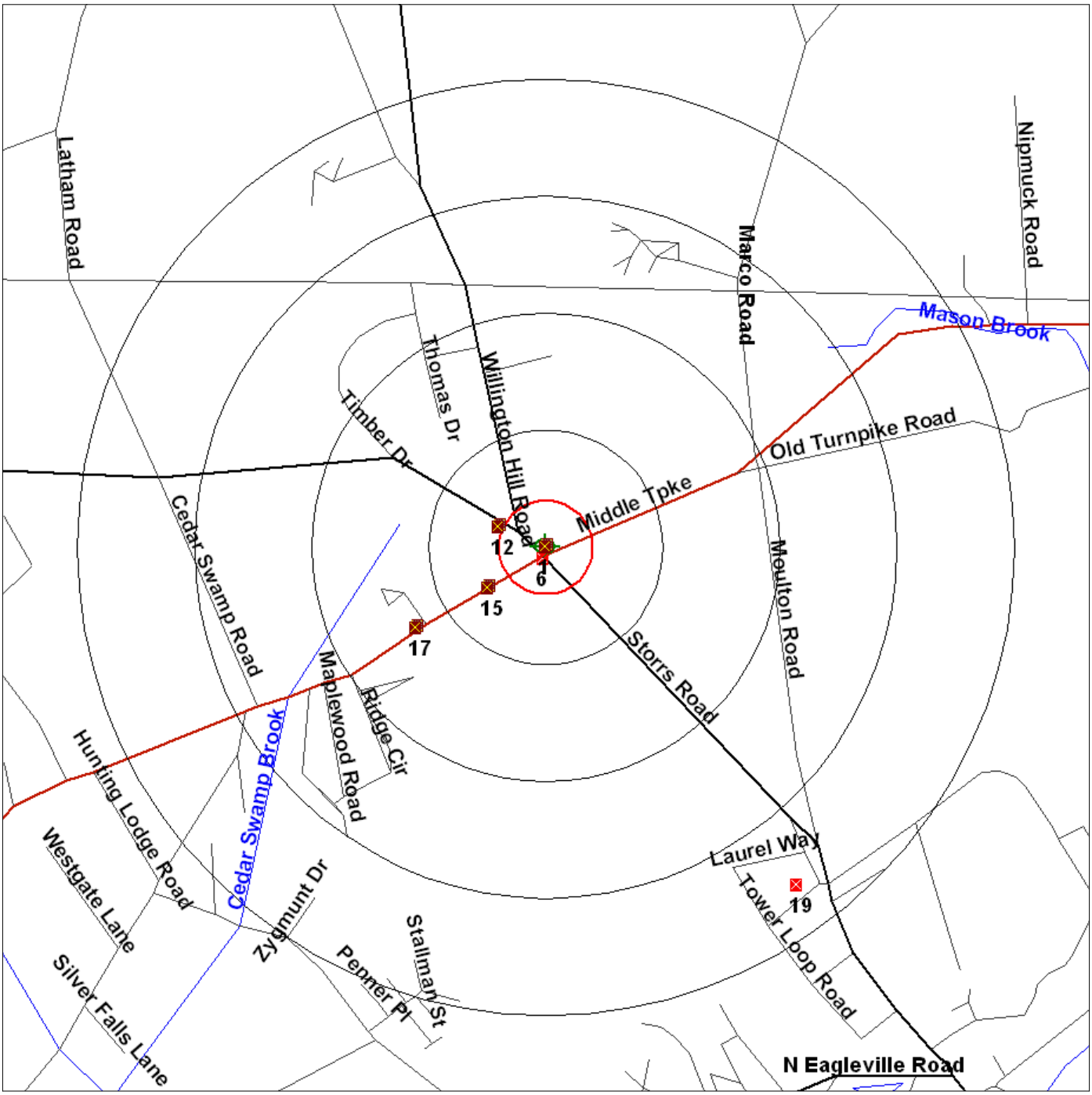
Environmental FirstSearch

1 Mile Radius

ASTM Map: NPL, RCRACOR, STATE Sites

1660 STORRS ROAD, STORRS MANSFIELD CT 06268



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 41.827902 Longitude: -72.26637) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.5 Mile Radius

ASTM Map: CERCLIS, RCRATSD, LUST, SWL

1660 STORRS ROAD, STORRS MANSFIELD CT 06268

Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 41.827902 Longitude: -72.26637) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

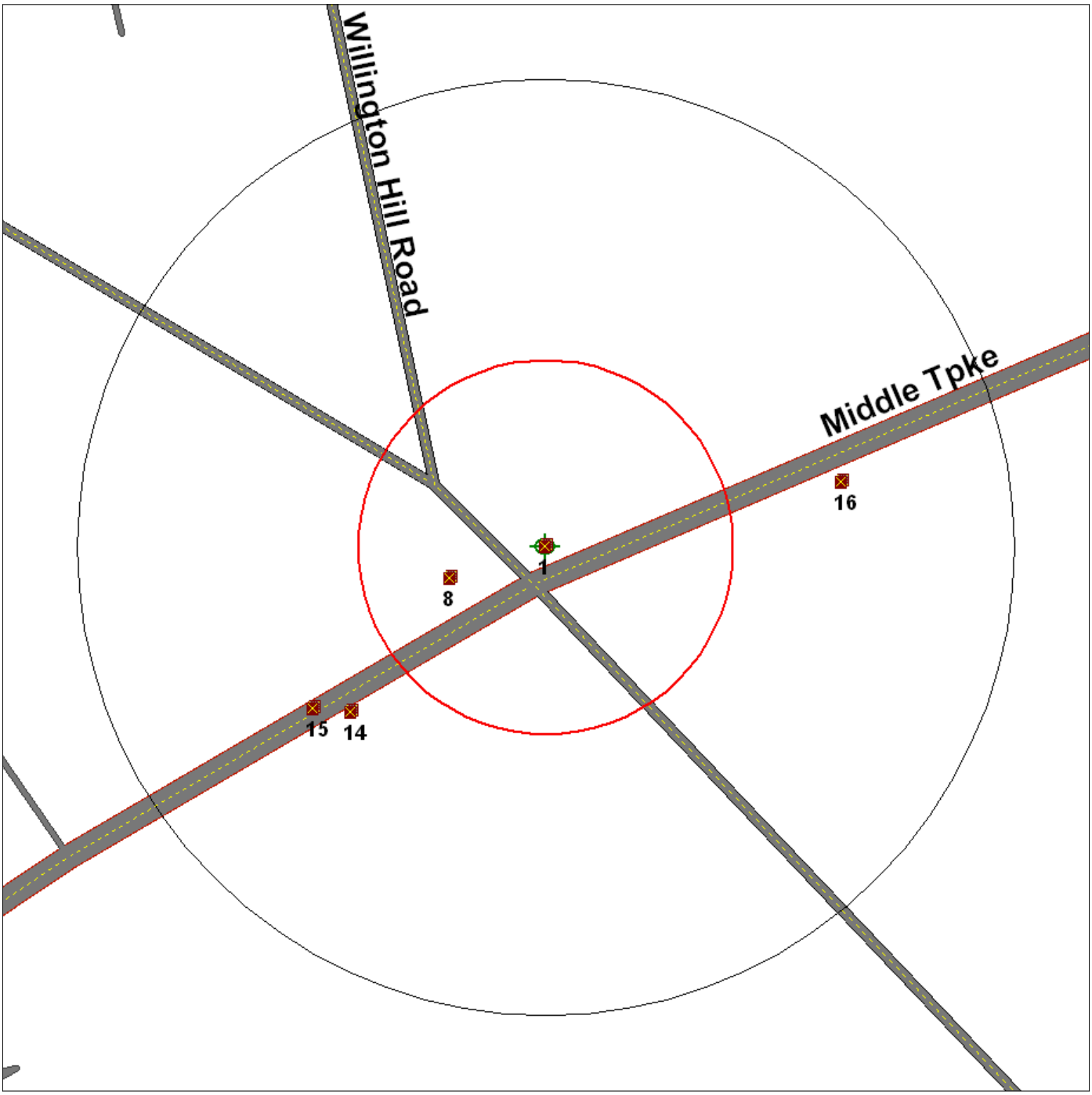
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.25 Mile Radius

ASTM Map: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS

1660 STORRS ROAD, STORRS MANSFIELD CT 06268



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 41.827902 Longitude: -72.26637) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

Railroads .....

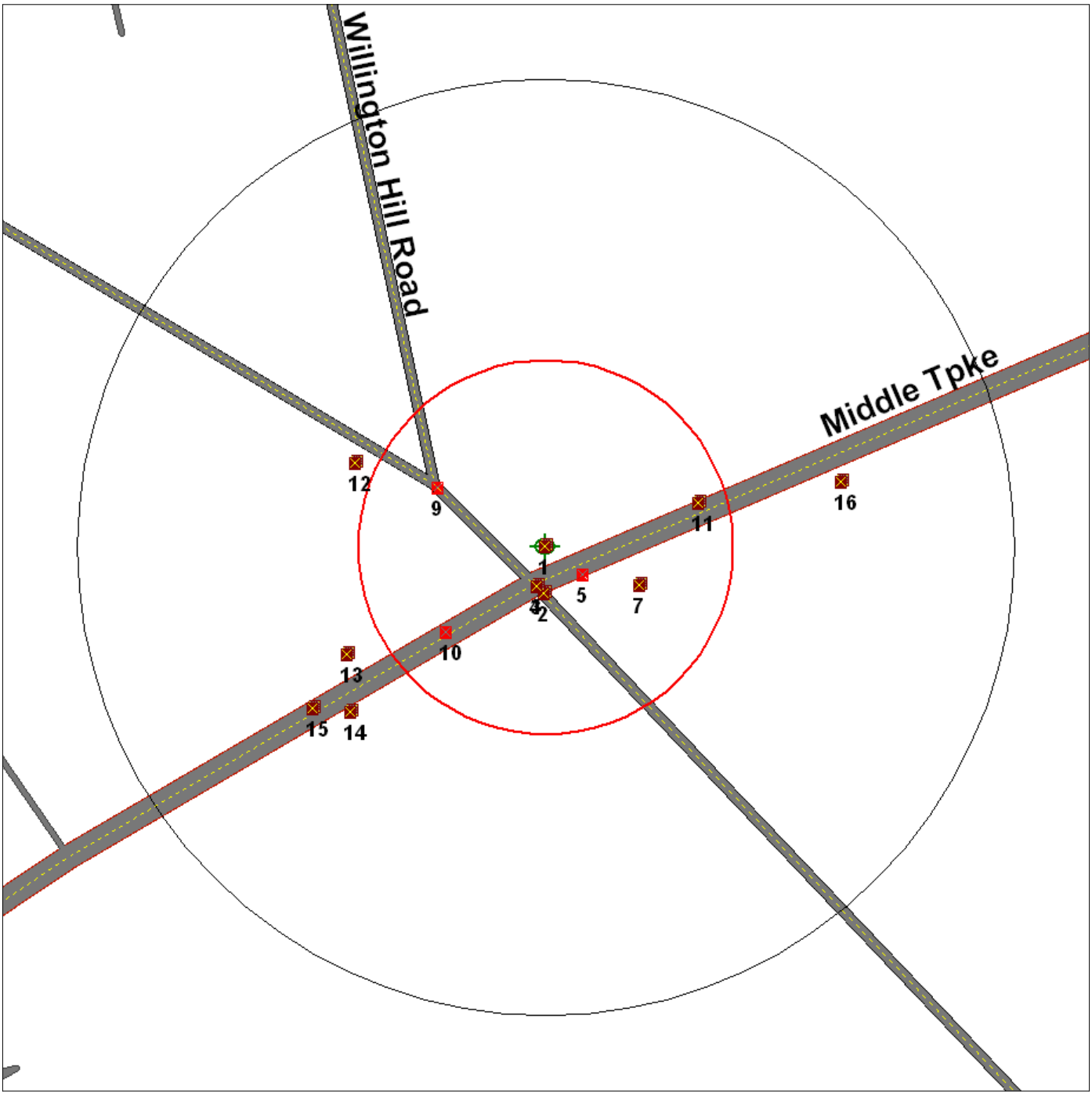
Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

Environmental FirstSearch

.25 Mile Radius

Non-ASTM Map: RCRANLR, Spills 90, Other

1660 STORRS ROAD, STORRS MANSFIELD CT 06268



Source: 2005 U.S. Census TIGER Files

Target Site (Latitude: 41.827902 Longitude: -72.26637) .....

Identified Site, Multiple Sites, Receptor .....

NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste

Triballand.....

National Historic Sites and Landmark Sites .....

Railroads .....

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

APPENDIX H

STANDARD OPERATING PROCEDURES

DRILLING EQUIPMENT STANDARDS

1. EQUIPMENT DECONTAMINATION

All drilling equipment and associated tools, including but not limited to, augers, flush-threaded casing, drill rods, sampling equipment, wrenches, etc., that may have come in contact with any material which could cause contamination shall be decontaminated using a high pressure detergent steam cleaning equipment, followed by, if needed a nanograde methanol swabbing. This will be followed by a distilled or controlled water rinse. The control water shall be obtained from a source approved by the supervising field representative.

2. EQUIPMENT AND MATERIALS

All equipment will be in good repair and in proper working order with no visible signs of oil or hydraulic fluid leaks.

The drill rig shall be capable of providing a power driven sectional hollow stem auger and/or flush-threaded casing with a minimum inside diameter of 2 1/2 inches to a minimum depth of 60 feet. In addition, the following equipment shall be available:

- Drill Rods, minimum size equivalent to the "A" Rod, (1 5/8 inches 0.D. and 1 1/8 I.D.);
- lb. Drive Hammer and 300 lb. Drive Hammer;
- Split-spoon Samplers;
- Hollow Stem Auger Plug;
- Roller Bit and Diamond Corer Bit;
- Water Tank and Pump;
- Any other equipment needed to successfully complete job.

MONITORING WELL CONSTRUCTION PROCEDURE

The following Monitoring Well construction procedures are based on standard methods found in the Massachusetts Department of Environmental Protection (DEP) "Standard References for Monitoring Wells " (WSC-310-91) and the United States Environmental Protection Agency (EPA) "Subsurface Characterization and Monitoring Techniques: Volume 1" (EPA/625/R-93/00300)

1. MONITORING WELL MATERIALS

All materials used in the completion of monitoring wells shall be in good condition and free of any signs of possible contamination. The following materials may be used in the completion of monitoring wells.

- Schedule 40, flush-joint threaded PVC slotted well screen and solid riser
- Clean silica sand (graded appropriately for site-specific formation; No. 2 typical)
- Bentonite pellets and grout
- Portland Cement
- Flush-mounted curb box or vented steel locking aboveground protective well-casing and lock.

The attached Figure depicts a typical well construction schematic.

2. PROCEDURES

- Upon establishing the bottom elevation of the monitoring well, followed by the placement of a specified length of well screen and riser within the drill casing. If warranted, filter fabric may be placed on the screen prior to insertion into the drill casing to facilitate filtration. The sand pack will then be continuously added to the annular space as the drill casing are withdrawn. The drill casing will not be pulled above the sand as it is added, ensuring the placement of a continuous sand pack. A weighted tape will be used to continuously monitor the sand pack elevation relative to the auger bottom to ensure the screen has been fully covered. Unless otherwise specified, the sand pack will be placed to an elevation of two feet above the top of the well screen.

- A one-foot (or greater if specified) thick bentonite seal composed of pellets or chips will be added to the annular space. If the seal is placed above the water table, the pellets will be hydrated with potable water. A weighted tape will be used to assure that the bentonite is placed at the proper elevation, is the proper thickness, and is not hung up in the borehole. The drill casing will be withdrawn from above the elevation of the bentonite seal and the natural materials will be allowed to collapse, if specified. If natural materials are not collapsing, clean native materials or No. 2 silica sand will be used to fill the voids.

- From the top of the bentonite seal to two feet below grade, the annular space will be backfilled with natural materials unless other materials are specified.

- If well is to be screened below the water table, the annular space above the bentonite seal is to backfilled with a cement/bentonite grout, mixed according to a ratio of approximately 20:1 cement to bentonite (not less than 5:1, if porous formations require more bentonite), with a maximum of 8 gallons of water per 94-pound bag of cement. Grout to be put in place with a sideways or upwards discharging tremie pipe.

- Each well will be completed with either a flush mount or elevated locking, protective casing as specified. Any asphalt or concrete surface will be square-cut. The flush mount casings will be set in Portland cement that extends from the top of the native fill to ground surface. The cement seal shall be a minimum of 2 feet in diameter. The top of the cement surface will be tapered outward to drain water away from the well.

- A vent hole will be placed near the top of a solid riser. On wells with a flush mount protective casing, a vented, locking compression cap will be used to plug the PVC riser. The wells requiring an aboveground protective casings will be completed with a vented slip-on PVC cap and locking metal cover.

WELL DEVELOPMENT PROCEDURES

Fine-grained materials are often smeared on the sides of the borehole during drilling reducing the hydraulic conductivity of the materials opposite the screened portion of the well. These fine-grained materials must be removed from the well and well borehole in order to enhance the hydraulic connection between the well and the aquifer. Undeveloped wells may produce groundwater samples containing suspended sediments that will clog field filtering equipment and bias the chemical analysis. Well development procedures are based on the Massachusetts DEP guidelines (MADEP, 1991) and ASTM Designations D 5092 - 90 and D 4750 - 87 (References).

Well Development will be completed by (1) surging and bailing; or (2) mechanical surging and pumping, as specified.

The surging will start with a slow pace near the top of the water column and progress to a faster pace near the well screen. Care will be taken during well development to avoid entrapping air in the aquifer formation or plugging the well screen with fine-grained materials. All equipment placed in the monitoring well for development will be either dedicated to each well or decontaminated following specified or standard operating procedures. Decontamination will occur between each well location. In cases of gross contamination, rinse water will be drummed and disposed of according to applicable municipal, state, and federal regulations.

1. SURGING AND BAILING

Decontaminated stainless-steel bailers will be used to surge and bail the wells. Surging will be performed to first loosen the fine materials and draw them through the well screen followed by bailing to remove the sediment-laden water from the well. This procedure will be continued until the turbidity of the water is reduced and the water appears clear.

2. MECHANICAL SURGING AND PUMPING

OPTION 1: Wells can be developed using a QED Environmental Systems, Inc. Sample Pro 2-inch Well Development Pump or equivalent. This device combines mechanical surging (to loosen fine materials and draw them through the well screen) and pumping (to remove sediment laden materials from the well). Flexible wipers (Buna-N) are attached to the pump with a small clearage between the wiper and the walls of the well. As the pump is lowered into the well the wipers create a surging action forcing water within the well out through the well screen into the aquifer formation. As the pump is moved up, the water is pulled back through the screen into the well along with fine-grained materials. The QED pump will pump the sediment laden water from the well at an average flow of 5 gallons per minute during development. This procedure will be continued until the turbidity of the water is reduced and the water appears clear.

OPTION 2: Wells can be developed using a Waterra™ check valve attached to polyethylene tubing, which is then inserted to the screened portion of the well, and then gently pumped up and down. The pumping action of the check valve will both surge the filter pack and surrounding formation, while at the same time remove sediment and water. When operated by hand, a pumping rate of at least 0.5 gallons per minute can be achieved over a short period of time. A higher pumping rate (up to 4 gallons per minute) for longer periods can be achieved with a power-actuated tubing pump. This procedure will be continued until the turbidity of the water is reduced and the water appears clear.

WELL DEVELOPMENT PROCEDURES

Fine-grained materials are often smeared on the sides of the borehole during drilling reducing the hydraulic conductivity of the materials opposite the screened portion of the well. These fine-grained materials must be removed from the well and well borehole in order to enhance the hydraulic connection between the well and the aquifer. Undeveloped wells may produce groundwater samples containing suspended sediments that will clog field filtering equipment and bias the chemical analysis. Well development procedures are based on the Massachusetts DEP guidelines (MADEP, 1991) and ASTM Designations D 5092 - 90 and D 4750 - 87 (References).

Well Development will be completed by (1) surging and bailing; or (2) mechanical surging and pumping, as specified.

The surging will start with a slow pace near the top of the water column and progress to a faster pace near the well screen. Care will be taken during well development to avoid entrapping air in the aquifer formation or plugging the well screen with fine-grained materials. All equipment placed in the monitoring well for development will be either dedicated to each well or decontaminated following specified or standard operating procedures. Decontamination will occur between each well location. In cases of gross contamination, rinse water will be drummed and disposed of according to applicable municipal, state, and federal regulations.

1. SURGING AND BAILING

Decontaminated stainless-steel bailers will be used to surge and bail the wells. Surging will be performed to first loosen the fine materials and draw them through the well screen followed by bailing to remove the sediment-laden water from the well. This procedure will be continued until the turbidity of the water is reduced and the water appears clear.

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OPTION 2: Wells can be developed using a Waterra™ check valve attached to polyethylene tubing, which is then inserted to the screened portion of the well, and then gently pumped up and down. The pumping action of the check valve will both surge the filter pack and surrounding formation, while at the same time remove sediment and water. When operated by hand, a pumping rate of at least 0.5 gallons per minute can be achieved over a short period of time. A higher pumping rate (up to 4 gallons per minute) for longer periods can be achieved with a power-actuated tubing pump. This procedure will be continued until the turbidity of the water is reduced and the water appears clear.

SUBSURFACE SOIL SAMPLE COLLECTION PROCEDURES

Subsurface soil samples will be collected during the performance of soil borings and soil probes in order to determine the nature and extent of contamination. Soil sampling protocols are based on standard methods found in the following documents: MADEP (1991), USEPA (1991), USEPA (1993) and ASTM Designation: D 1586-84.

1. MATERIALS

The following materials will be available during subsurface soil sampling:

- health and safety equipment;
- disposable gloves;
- sample retrieval device (split-spoon sampler, macro-core sampler);
- map of the Site;
- field book;
- aluminum foil and zip-lock type bags;
- stainless steel sampling tool and bowl;
- polyethylene sheeting;
- knife;
- sample containers;
- photoionization detector;
- paper towels;
- chain-of-custody forms;
- cooler and ice;
- decontamination equipment and supplies (non-phosphate detergent, potable water, methanol and 10% nitric acid rinses, buckets, brushes, etc.).

GROUNDWATER SAMPLE COLLECTION PROCEDURES USING BAILERS OR PUMPS

The following groundwater sampling protocols are based on standard methods found in ASTM Designation: D4448-85a, USEPA guidance documents (numerous references), and Massachusetts DEP "Standard References for Monitoring Wells" (WSC-310-91).

1. MATERIALS

The following equipment and materials may be used during groundwater sampling. Not all material and equipment is necessary all of the time.

- health and safety equipment;
- map of well locations;
- well keys;
- interface probe;
- electronic water level indicator;
- PID or FID;
- pH, conductivity, and temperature meters; or a water quality monitoring system (pH, conductivity, temperature, ORP, and optional dissolved oxygen);
- field book;
- disposable gloves;
- stainless-steel, Teflon ™ or PVC, bailers with Teflon check valves;
- dedicated polypropylene cord;
- bucket (calibrated in gallons);
- sample containers and labels;
- chain-of-custody forms;
- cooler and cold source;
- decontamination equipment;
- polyethylene sheeting;
- polyethylene tubing and check valve;
- field filtering apparatus.

Pre-decontaminated bailers will be wrapped in an inert material (i.e. plastic bags) and stored in a clean environment during transport to the Site (See Decontamination Procedures).

In order to ensure the collection of groundwater samples representative of the aquifer, the standing water within the well is first purged. Note: Depth to water level measurements will be performed in each monitoring well prior to purging and sampling (see Water-Level Measurement Procedures).

2.0 WELL PURGING

- An interface probe or electronic water level indicator will be lowered to the air-water interface and the depth to water and depth of the well will be recorded. If the presence of a free phase product (light non-aqueous phase liquid - LNAPL) is suspected, an interface probe will be lowered to the product-water interface and the thickness of the product will be measured. Depth of the well will not be measured if LNAPL is present.

- If no free phase product is present in the well purging will begin:

  - Groundwater will be purged from the well using a decontaminated stainless-steel or PVC bottom-emptying bailer equipped with a Teflon™ check valve, or a non-contaminating water pump.

  - Groundwater collected during purging and sampling of groundwater monitoring wells will be discharged to the subsurface at the point of withdrawal in accordance with Massachusetts General Law Chapter 21E and 310 CMR 40.0056 of the Massachusetts Contingency Plan. If purge water is grossly contaminated (i.e. contains free phase product) this water will be drummed and disposed of according to applicable municipal, state, and federal regulations (See Disposal Procedures).

  - When using a pump, clean, dedicated polyethylene tubing will be used for each well. In appropriate situations, the polyethylene tubing can be stored in the well casing for use during future sampling events.

  - When using dedicated stainless-steel, PVC, or Teflon™ bailers to purge the wells, a separate pre-decontaminated bailer will be used for each well.

  - The bailer will be suspended with disposable/dedicated polypropylene cord. Care will be taken that the cord does not touch the ground during sampling and purging. The cord will be discarded upon completion of each well sampling event.

  - Non-dedicated bailers will be decontaminated in the field between each well sampling event according to Decontamination Procedures.

  - One of the following procedures will be used to determine if the purging is complete:

    A. The efficiency of purging will be verified by measuring changes in the temperature, pH, and specific conductance (in-situ parameters) of well water during purging. The stabilization of pH, temperature, and conductivity readings for two consecutive measurements, indicates that " stagnant water" has been removed from the well and that aquifer formation water (groundwater) is now entering the well. Stabilization will be defined as the following; The pH measurements should be to within ± 0.1 pH unit, the temperature to within ± 1.0°C, and specific conductance to within ± 10 umhos/cm for two consecutive readings.

B. An alternative method for determining if purging is complete may be used where the use of this method meets the assessment objectives. In this case, the well will be pumped or bailed until a specified volume of water has been removed from the well, commonly a minimum of 3 to 5 well bore volumes. In wells screened within low permeability formations, the well may go "dry" prior to the removal of 3 to 5 volumes. Purging is considered complete in this case. However, the complete draining of a well will be avoided if possible during the purging process because of the potential loss of volatiles.

- For complete purging of "stagnant water" (using either a pump or a bailer) the removal of well water will occur from just below the air-water interface in the well. In some situations, when using a pump, the pump intake may be lowered to remain just below the water surface as pumping is in progress. If the well screen is 20 feet or longer, groundwater will be pumped or bailed from the mid-point of the screen.

- The temperature, conductivity, and pH of the first well volume will be recorded using individual pH, conductivity, and temperature meters or a water quality monitoring system. These parameters may be measured following the removal of each subsequent well volume. If specified, oxidation reduction potential will also be recorded.

- The volume of purge water will be measured by pumping or bailing groundwater directly into a container of known volume.

- When using a pump for purging, a water quality monitoring system can be connected to the pump discharge in order to monitor the in-situ parameters. In-situ parameters may be alternatively monitored in a beaker filled from the bailer or the pump discharge.

- When bailing, care will be taken to assure that the bailer cord is held in the hand or placed upon plastic surrounding the well to prevent the potential of cross contamination from the ground surface to the well.

- The volume of water purged from the well, the measurements of temperature, pH, and specific conductivity, and observations of color, odor, and turbidity will be recorded on a sampling log. An example of the ECS Groundwater Sampling Log is attached.

- All measuring equipment will be decontaminated between uses (See Decontamination Protocols). The groundwater measuring equipment will be calibrated daily prior to use and in the field if field personnel suspect a problem with the calibration.

- When using dedicated bailers, the stainless-steel bailers will be rinsed with clean potable water following sample collection and placed in a plastic bag for transport to the company's facility where decontamination will take place (See Decontamination Procedures).

3.0 GROUNDWATER SAMPLING PROTOCOL

- Water samples for the analysis of volatile organic compounds (VOCs) (including volatile petroleum hydrocarbons) will be collected as soon as the well has sufficiently recovered from purging and within three hours of purging. Samples for the analysis for VOCs will be collected from the first volume of water collected from the top of the water column in the well.

- Groundwater samples collected for the analysis of VOCs will be collected in duplicate 40-milliliter glass vials with zero headspace. Vials will be pre-preserved with hydrochloric acid to a pH of <2. The vial will be uncapped carefully in order to avoid contact with the Teflon septum. The vial will be filled slowly taking care to not to agitate the sample when transferring it from the bailer to the sample vial. Each vial will be filled until there is a meniscus over the lip of the vial. If no meniscus forms, a sample of water will be collected in the cap and poured slowly into the vial to create a meniscus. The Teflon-faced septum will be placed on the convex meniscus and the cap screwed down. The vial will be inverted and tapped to check for the presence of air bubbles. If air bubbles are present, the sample will be discarded and another vial will be selected and filled.

- Groundwater samples for analysis for PCBs, pesticides, total and extractable petroleum hydrocarbons, semivolatiles organic compounds, metals, other inorganic compounds, and general chemical parameters, will be collected last. Assuming adequate recharge, all samples will be collected within 3 hours of purging or upon 90% recovery.

- Groundwater samples for the analysis for dissolved (soluble) metals will be collected by using HDPE tubing with a decontaminated checkvalve and an in-line dedicated 0.45 micron filter. Care will be taken to pump the sample with very gentle pressure, in order to avoid any potential failure of the cartridge filter. The sample will be collected directly in a 1-liter HDPE bottle pre-preserved with nitric acid to achieve a pH <2.

- The sample containers for groundwater samples collected for all analyses other than VOCs will be filled to 90% capacity. Care will be taken so that no portion of the sample comes in contact with the sampler's gloves. ECS Standard Operating Procedure (SOP) # 4.00 should be referenced for selection of proper sample containers and preservation methods for each analytical method.

- Duplicate samples, field blanks, and equipment rinsate blanks will be collected according to specified QA/QC frequency

- A trip blank consisting of deionized hydrocarbon-free laboratory water in a 40-milliliter Teflon-septum vial, prepared prior to sampling, will be present with the volatile samples at all times during sampling and transportation to the analytical laboratory, and will be subjected to the same analyses as the samples.

- All sample containers will be capped immediately after filling. The exterior of the container will be rinsed with deionized water and dried with paper towels. Samples will be cooled to 4°C by placing them immediately in a chilled, thermally insulated container with a cold source;

- All sample containers will be labeled immediately upon collection with the following information: site; project number; well number; date; time of collection; testing parameters; initials of sampling personnel.

- All equipment used to collect samples for analysis will be either decontaminated before each use or dedicated to a particular sample location after initial decontamination.

- Based on the results of previous sampling and analysis, sampling will progress from the least contaminated well to the most contaminated well.

- All groundwater samples will be immediately placed in a chilled, thermally-insulated container and submitted as soon as possible to a Massachusetts-certified analytical laboratory under Chain of Custody protocol. Information regarding sample holding times is found in Table 1. Information regarding Chain of Custody protocol is found in the Sample Custody Procedure.

GROUNDWATER SAMPLE COLLECTION PROCEDURES USING LOW FLOW SAMPLING METHODOLOGY

The following groundwater sampling protocols are based on the USEPA Region 1 Low Stress (low flow) Purging and Sampling Procedure for the Collection of Ground Water Samples from Monitoring Wells (July 30, 1996, Revision 2) (Region 1 Low Flow SOP #: GW 0001) with the following modifications.

1.0 MATERIALS

The following equipment and materials may be used during groundwater sampling. Not all material and equipment is necessary all of the time.

- health and safety equipment;
- map of well locations;
- well construction data;
- field data from last sampling and/or gauging event;
- well keys;
- interface probe;
- electronic water level indicator;
- PID or FID;
- a multiprobe water quality monitoring system (pH, specific conductivity, temperature, ORP, and optional dissolved oxygen)-i.e. Geotech Multiprobe Sampling System™ or YSI Model 3560 Water Quality Monitoring System™
- field book;
- adjustable rate peristaltic pump;
- 3/16-inch inside diameter and ¼-inch outside diameter polyethylene tubing;
- ¼-inch inside diameter silicone tubing;
- cable ties;
- folding table;
- disposable gloves;
- bucket (calibrated in gallons);
- sample containers and labels;
- chain-of-custody forms;
- cooler and ice;
- decontamination equipment;
- polyethylene sheeting;
- field filtering apparatus.

In order to ensure the collection of groundwater samples representative of the aquifer, stabilization of groundwater parameters must occur prior to sampling. Note: Depth to water level measurements will be performed in each monitoring well prior to purging and sampling (see Water-Level Measurement Procedures).

2.0 WELL PURGING

An electronic water level indicator will be lowered slowly to the air-water interface and the depth to water will be recorded. Care should be taken such that any particulates in the water column are not mobilized. Depth of the well should be based on previous sampling logs or measurements made after the collection of the groundwater sample. If the presence of a free phase product (light non-aqueous phase liquid - LNAPL) is suspected, an interface probe will be lowered to the product-water interface and the thickness of the product will be measured. If LNAPL is present, the well will not be sampled using the low flow sampling procedure.

- If no free phase product is present in the well purging will begin.

  - Purging of each well prior to sampling is conducted using an adjustable rate peristaltic pump in line with a multiprobe water quality monitoring system. This instrument allows for the visual monitoring of five parameters (temperature, pH, specific conductivity, dissolved oxygen and Eh -- oxidation-reduction potential) simultaneously in real time. This system uses an adjustable rate peristaltic pump system to collect the purge water directly into a flow-through chamber assembly containing the parameter probes.

  - A dedicated polyethylene tubing of 3/16-inch inside diameter and ¼-inch outside diameter is tied flush with the tip of a water-level measurement indicator using a plastic cable tie and is lowered into the well casing until it is at the mid-point of the saturated screen length and at least 2 feet from the bottom of the well.

  - A dedicated section, approximately one foot long, of ¼-inch inside diameter silicone tubing is fit through the peristaltic pump. The silicone tubing connects the dedicated polyethylene tubing from the well to a small piece of polyethylene tubing (approximately 24-inch), which attaches to the flow-through chamber of the multiprobe water quality monitoring system.

  - The pump is started at its lowest speed setting and slowly increased until the purge water is directly discharged into the chamber. Once the chamber is filled with purge water, the multiprobe meter displays are turned on and the initial stabilization parameter measurements should be recorded. The volume of purge water will be measured by pumping groundwater directly into a container of known volume.

  - The pumping rate is adjusted until there is little or no water level drawdown. Any adjustments made should be recorded. During the initial pump start-up, the drawdown may exceed 0.3 feet as pump flow adjustments are made and the water level stabilizes. If the minimal drawdown possible exceeds 0.3 feet but remains stable, continue purging at the stabilized groundwater drawdown level.

  - If drawdown exceeds 0.3 feet and does not stabilize, sampling should proceed.

- The water level inside the well casing is monitored every three to five minutes or approximately every 0.25 to 0.5 gallons during purging. Drawdown of less than 0.3 feet during purging is desirable but not mandatory. The volume of water purged from the well, field measurement data (temperature, pH, specific conductance, ORP/Eh and dissolved oxygen if available) along with observations of color, odor and turbidity are recorded during the purging process every three to five minutes or as appropriate. An example of the ECS Low Flow Groundwater Sampling Log is attached.

- Purging is complete when stabilization of the groundwater parameters has been reached and the volume purged exceeds the stabilized groundwater drawdown volume plus the extraction tubing volume (approximately 0.014 gallons per 10 feet of tubing). Stabilization is achieved when three consecutive readings, taken at 3 to 5 minute intervals, are within the following limits: within +/- 0.5 degrees Celsius; within +/- 0.1 pH units; within +/- 10 μmhos/cm (or μS/cm) specific conductance or within 3% if specific conductance is greater than 300 μmhos/cm (or μS/cm); within +/- 10mV ORP/Eh.

- The amount of dissolved oxygen in the groundwater should be measured in each well after stabilization.

- A turbidity reading will be taken before the collection of the groundwater sample and the value will be recorded on the sampling log. Turbidity levels of less than 5 NTU are desirable but not mandatory.

- All measuring equipment will be decontaminated between uses (See Decontamination Protocols). The groundwater measuring equipment will be calibrated daily prior to use and in the field if field personnel suspect a problem with the calibration.

- Groundwater collected during purging and sampling of groundwater monitoring wells will be discharged to the subsurface at the point of withdrawal in accordance with Massachusetts General Law Chapter 21E and 310 CMR 40.0056 of the Massachusetts Contingency Plan. If purge water is grossly contaminated (i.e. contains free phase product) this water will be drummed and disposed of according to applicable municipal, state, and federal regulations (See Disposal Procedures).

3.0 GROUNDWATER SAMPLING PROTOCOL USING THE PERISTALTIC PUMP

- Once stabilization of the groundwater parameters occurs, the sampling of the groundwater from the well begins. The following SOP describes groundwater sampling using peristaltic pump, the dedicated section of silicon tubing, and the dedicated section of polyethylene tubing in the well.

- Immediately prior to sampling, the polyethylene tube leading to the flow-through chamber of the multiprobe water quality monitoring system is disconnected so that the groundwater flows directly from the ¼-inch silicone tubing into the sample vials.

- The location of the sampling point (or position of the end of the dedicated in-well tubing) will be the same location as it was during the purging process.

- If drawdown increases such that the recharge rate of the well is less than the slowest possible extraction rate, the well should be sampled as soon as the water level has recovered sufficiently to collect the appropriate volume needed for all required samples even though the parameters have not stabilized. The intake should not be lowered during the recovery period.

- Water samples for the analysis of volatile organic compounds (VOCs) and volatile petroleum hydrocarbons (VPH) will be collected first from the tubing in the water column in the well.

- Groundwater samples collected for the analysis of VOCs will be collected in duplicate 40-milliliter glass vials with zero headspace. Vials will be pre-preserved with hydrochloric acid to a pH of <2. The vial will be uncapped carefully in order to avoid contact with the Teflon septum. The vial will be filled slowly taking care not to agitate the sample which may mean slowing down the rate of the peristaltic pump. Each vial will be filled until there is a meniscus over the lip of the vial. If no meniscus forms, a sample of water will be collected in the cap and poured slowly into the vial to create a meniscus. The Teflon-faced septum will be placed on the convex meniscus and the cap screwed down. The vial will be inverted and tapped to check for the presence of air bubbles. If air bubbles are present, the sample will be discarded and another vial will be selected and filled.

- Groundwater samples for analysis for PCBs, pesticides, total petroleum hydrocarbons, extractable petroleum hydrocarbons (EPH), semivolatiles organic compounds, metals, other inorganic compounds, and general chemical parameters will be collected last but immediately after collecting groundwater samples for analysis of VOCs.

- Groundwater samples for the analysis for dissolved (soluble) metals will be collected by connecting a dedicated 0.45 micron filter in-line to the ¼-inch silicone tubing. Care will be taken to adjust the pumping rate, in order to avoid any potential failure of the cartridge filter. The sample will be collected directly in a 1-liter HDPE bottle pre-preserved with nitric acid to achieve a pH <2.

- The sample containers for groundwater samples collected for all analyses other than VOCs will be filled to 90% capacity. Care will be taken so that no portion of the sample comes in contact with the sampler's gloves. ECS Standard Operating Procedure (SOP) # 4.00 should be referenced for selection of proper sample containers and preservation methods for each analytical method.

- Duplicate samples, field blanks, and equipment rinsate blanks will be collected according to specified QA/QC frequency

- A trip blank consisting of deionized hydrocarbon-free laboratory water in a 40-milliliter Teflon-septum vial, prepared prior to sampling, will be present with the volatile samples at all times during sampling and transportation to the analytical laboratory, and will be subjected to the same analyses as the samples.

- All sample containers will be capped immediately after filling. The exterior of the container will be rinsed with deionized water and dried with paper towels. All sample containers will be labeled immediately upon collection with the following information: site; project number; well number; date; time of collection; testing parameters; initials of sampling personnel.

- All groundwater samples will be cooled to 4°C by placing them immediately in a chilled, thermally insulated container with ice and submitted as soon as possible to a Massachusetts-certified analytical laboratory under Chain of Custody protocol. Information regarding sample holding times is found in Table 1. Information regarding Chain of Custody protocol is found in the Sample Custody Procedure.

- All equipment used to collect samples for analysis will be either decontaminated before each use or dedicated to a particular sample location after initial decontamination.

- Based on the results of previous sampling and analysis, sampling will progress from the least contaminated well to the most contaminated well.

QUALITY CONTROL FOR HYDRAULIC CONDUCTIVITY TESTING PROCEDURES

IN-SITU HYDRAULIC CONDUCTIVITY TEST PROCEDURES

In order to determine the horizontal hydraulic conductivity of the aquifer at specific locations, in-situ rising head slug tests will be conducted at selected wells.

The change in water level will be monitored by using a pressure transducer and a data logger.

Quality control will be initiated in the field and during interpretation of the collected data in order that representative hydraulic conductivity values will be obtained. Duplicate or triplicate tests will be performed on each well tested to ensure the accuracy of the data collected.

Rising head tests (slug tests) will be performed. This method consists of creating a water-level change within a well and then measuring the rate of recovery. The water-level change will be caused by withdrawing a volume of water (slug) from the well. The rate of recovery will be related to the hydraulic conductivity of the aquifer material surrounding the well.

Water level versus time data will be collected with a pressure transducer and data logger.

Slug tests will be performed after groundwater sampling is completed in order to minimize the potential for cross-contamination.

All field equipment will be decontaminated prior to each test. Contaminated water removed from the well will be properly disposed of according to applicable municipal, state, or federal regulations.

Slug test data will be reduced following the method of Bouwer and Rice (1976), Bouwer (1989), and Yang and Gates (1997) to estimate the hydraulic conductivity of the aquifer materials in the vicinity of the well tested.

- In-Situ, Inc., Model SP 4000-232 data logger and pressure transducer (accuracy 0.01 foot) or equivalent;
- IBM PC-compatible laptop computer and interface software to operate the data logger;
- modified PVC bailer;
- polypropylene rope;
- water level indicator;
- stopwatch;
- phosphate-free detergent solution;
- methanol;
- deionized water;
- field log (Figure 7.1)

2.00 PROCEDURES

- All information on the field log including project number, project name, date, time, personnel, well information, and weather conditions will be completed. The well information can be completed prior to the field work.

- The static water level and total well depth will be recorded by using a water level indicator.

- A length of rope 10 feet greater than the depth to static water level will be measured out and cut.

- The modified PVC bailer will be decontaminated and attached to the measured length of polypropylene rope.

- The transducer will be lowered into the water so that its sensor rests just above the bottom of the well. The transducer cable will be secured at the surface to minimize shifting. The transducer measures pressure responses in the well and provides a signal to the datalogger. The pressure measurements will be converted to feet of water above the transducer.

- The modified PVC bailer will be lowered into the well until the entire bailer is just below the water table. The end of the rope will be secured at the surface. The water level will be allowed to stabilize. Stabilization will be defined as the re-establishment of an equilibrium water level with 90% recovery. Stabilization will be checked by observing the continuous LED readout of feet of water above the transducer on the laptop computer. When stabilization is reached the stabilization reading will be recorded on the field log.

- The datalogger will be programmed to run a Fixed Interval Program. The Fixed Interval Program allows the datalogger to take and store continuous readings at a fixed interval set from 3 seconds to 24 hours. For most slug tests, the interval will be set for 3-second intervals.

- The "start test" option will be used to start the datalogger program to monitor and collect data at the preset time intervals. Following the starting of the "start test" option, the modified PVC bailer will quickly be removed from the well in one single motion after a measured elapsed time of 15 seconds.

- The lowest reading of height of water above the transducer will be recorded as an indicator of successful slug removal. If less than one foot of standing water was removed from the water column of the well, the test will be canceled and repeated.

- The LED readouts from the datalogger will be monitored using the laptop computer and when the height of water above the transducer reaches stabilization the program will be ended.

- The data for this test will be stored in the datalogger and will be transferred from the datalogger to a binary file with its own unique identifier after each test. This data will be

reduced by using a computer spread sheet program developed by Environmental Compliance Services, Inc. This program solves formulas created by Bouwer and Rice for the determination of hydraulic conductivity in unconfined aquifers using in-situ slug test data.

- Final data will be presented both graphically and in tabular form.

- The calculated hydraulic conductivity will be compared to published hydraulic conductivity values for similar aquifer materials.

JAR HEADSPACE ANALYTICAL SCREENING PROCEDURE

The following are the recommended MADEP (BWSC Policy #WSC-94-400) procedures for conducting analytical screening of gasoline-contaminated soils utilizing a portable Photoionization Detector (PID) or Flame Ionization Detector (FID):

1. Half-fill two clean glass jars with the sample to be analyzed. Quickly cover each open top with one or two sheets of clean aluminum foil and subsequently apply screw caps to tightly seal the jars. Sixteen ounce (16 oz.) (approx. 500 ml) soil or "mason" type jars are preferred; jars less than 8 oz. total capacity (approx. 250 ml), should not be used.

2. Allow headspace development for at least 10 minutes. Vigorously shake jars for 15 seconds both at the beginning and end of the headspace development period. Where ambient temperatures are below 32F (0 C), headspace development should be within a heated vehicle or building.

3. Subsequently to headspace development, remove screw lid/expose foil seal. Quickly puncture foil seal with instrument sampling probe, to a point about one-half of the headspace depth. Exercise care to avoid uptake of water droplets or soil particulates. As an alternative, syringe withdrawal of a headspace sample with subsequent injection to instrument probe or septum-fitted inlet is acceptable contingent upon verification of methodology accuracy using a test gas standard.

4. Following probe insertion through foil seal and/or sample injection to the probe, record highest meter response as the jar headspace concentration. Using foil seal/prove insertion method, maximum response should occur between 2 and 5 seconds. Erratic meter response may occur at high organic vapor concentrations or conditions or elevated headspace moisture, in which case headspace data should be discounted.

5. The headspace screening data from both jar samples should be recorded and compared; generally, replicate values should be consistent to plus or minus 20%.

6. PID and FID field instruments shall be operated and calibrated to yield "total organic vapors" in ppm (v/v) as benzene. PID instruments must be operated, with a 10.0 eV (+/-) lamp source. Operation, maintenance, and calibration shall be performed in accordance with the manufacturer's specification. For jar headspace analysis, instrument calibration shall be checked/adjusted no less than once every 10 analyses, or daily, whichever is greater.

7. Instrumentation with digital (LED/LCD) displays may not be able to discern maximum headspace response unless equipped with a "maximum hold" feature or strip-chart recorder. Deviations, departures and/or additions to the above procedures should be consistent with 310 CMR 40.0017. In such cases, compelling technical justification must be presented and documented by the methodology proponent.

APPENDIX I

SOIL BORING LOGS

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001

SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	SB-1
DOCUMENT NO.:	
SHEET	OF

LOCATIONS

BORING COMPANY:	Geosearch	JOB NUMBER:	01-216075.00
BORING COMPANY	20 Authority Dr. Fitchburg, MA	PROJECT NAME:	1660 Storrs Rd.
FOREMAN:	Roger / Rob	PROJECT ADDRESS:	Mansfield, CT
ECS INSPECTOR:	Jake Michalski	CLIENT NAME:	CFI

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE	Hollow Stem Auger	Split Spoon	
			INSIDE DIAMETER	4.25"	1 3/8"	
			HAMMER WEIGHT		140 lbs	
			HAMMER FALL		30"	
			NOTES:			

Date Started	5/12/2011
Date Completed	5/16/2011

Depth	Sample Number	Sample Depths	Penetration/ Recovery	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0	1	0 - 2	hand boring		F-SAND	Dry, (large 8" rounded boulders), tan, loose fine SAND.			1
								BDL	
2	2	2	hand boring			Dry, loose, brown, F-SAND, trace M-Sand and Gravel.		BDL	
4	3	4	hand boring			Dry, loose brown/dark brown, F-SAND, trace F-Gravel.		BDL	
5	4	5 - 7	24/20	11-19-22-30		20" Wet, dnese, brown, F-SAND, trace Silt and angular Gravel.		BDL	2
7									
10	5	10 - 12	24/22	10-13-17-34	SILT	22" Saturated, dnese, brown/gray SILT and trace F-Sand and Gravel.		BDL	
12					12' End of Boring				3

Boring hand cleared to 5.5 fbg on 5/12/11, rest of boring completed by rig on 5/16/11.

1. Field testing values represent total volatile organic vapors (referenced to a benzene standard) measured in the headspace of sealed soil sample jars with a Thermo Environmental Model PhoCheck TIGER OVM photoionization detector (PID) Results reported in parts per million (ppm). Detection limit = 0.1 ppm. BDL = Below
2. Groundwater encountered at approximately 5 feet below grade.
3. Soil Boring Only.

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001

SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	SB-2/ECS-1
DOCUMENT NO.:	
SHEET	OF

LOCATIONS

BORING COMPANY:	Geosearch	JOB NUMBER:	01-216075.00
BORING COMPANY	20 Authority Dr. Fitchburg, MA	PROJECT NAME:	1660 Storrs Rd.
FOREMAN:	Roger	PROJECT ADDRESS:	Mansfield, CT
ECS INSPECTOR:	Jake Michalski	CLIENT NAME:	CFI

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE	Hollow Stem Auger	Split Spoon	
			INSIDE DIAMETER	4.25"	1 3/8"	
			HAMMER WEIGHT		140 lbs	
			HAMMER FALL		30"	
			NOTES:			

Date Started	5/12/2011
Date Completed	5/13/2011

Depth	Sample Number	Sample Depths	Penetration/ Recovery	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0	1	0 - 2	hand boring		F-SAND	Dry, tan, loose F-SAND, lots of large boulders.		BDL	1
2	2	2	hand boring			Dry, loose, tan/brown F-SAND.		BDL	
4	3	4	hand boring		SAND,SILT/GRl	Dry, medium dense, brown F.SAND and SILT and GRAVEL.		BDL	
5	4	5 - 7	24/20	12-20-24-24	M-F SAND/Gra	20" Dry, medium dense, orange/brown M-F SAND, some F-Gravel mixed in.		BDL	
7									2
10	5	10 - 12	24/20	8-14-17-14		20" Saturated, medium dense, brown, F-SAND, trace C-Gravel, trace Quartz.		BDL	
12					12' End of Boring				
15		15 - 17					15' End of Well		3

Wells Hand cleared on 5/12/11, finished on 5/13/11 by rig.

1. Field testing values represent total volatile organic vapors (referenced to a benzene standard) measured in the headspace of sealed soil sample jars with a Thermo Environmental Model PhoCheck TIGER OVM photoionization detector (PID) Results reported in parts per million (ppm). Detection limit = 0.1 ppm. BDL = Below Detection
2. Groundwater encountered at approximately 7 feet below grade.
3. Completed at 15' as a 2" diameter monitoring well, 12' of 0.010" slotted screen, 3' of solid riser, sand pack between 15' and 2', natural fill to surface, casing and cement flush to ground surface.

Well sand.
Bentonite seal.
Natural Fill.
Well screen.

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001

SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	SB-3/ECS-2
DOCUMENT NO.:	
SHEET	OF

LOCATIONS

BORING COMPANY:	Geosearch	JOB NUMBER:	01-216075.00
BORING COMPANY	20 Authority Dr. Fitchburg, MA	PROJECT NAME:	1660 Storrs Rd.
FOREMAN:	Roger	PROJECT ADDRESS:	Mansfield, CT
ECS INSPECTOR:	Jake Michalski	CLIENT NAME:	CFI

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE	Hollow Stem Auger	Split Spoon	
			INSIDE DIAMETER	4.25"	1 3/8"	
			HAMMER WEIGHT		140 lbs	
			HAMMER FALL		30"	
			NOTES:			

Date Started	5/12/2011
Date Completed	5/13/2011

Depth	Sample Number	Sample Depths	Penetration/ Recovery	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0	1	0 - 2	hand boring		F-SAND	Dry, loose, F-SAND.		BDL	1
2	2	2	hand boring			Dry, loose, F-SAND.		BDL	
4	3	4	hand boring		F-SAND/Gravel	Damp/wet, medium dense, dark brown/black F-SAND, trace Gravel.		908	2
5	4	5 - 7	24/20	1-1-8-13		20" Wet, loose, black/brown, F-SAND, trace M-Gravel.		68.1	
7									
10	5	10 - 12	24/22	9-17-23-22		22" Saturated, M-dense, tan/brown, M-F SAND, trace Gravel.	10' End Of Well	11.9	3
12					12' End Of Boring				

Wells Hand cleared on 5/12/11, finished on 5/13/11 by rig.

1. Field testing values represent total volatile organic vapors (referenced to a benzene standard) measured in the headspace of sealed soil sample jars with a Thermo Environmental Model PhoCheck TIGER OVM photoionization detector (PID) Results reported in parts per million (ppm). Detection limit = 0.1 ppm. BDL = Below Detection
2. Groundwater encountered at approximately 4 feet below grade.
3. Completed at 10' as a 2" diameter monitoring well, 8' of 0.010" slotted screen, 2' of solid riser, sand pack between 10' to surface, casing and cement flush to ground surface.

Well sand.
Bentonite seal.
Natural Fill.
Well screen.

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001

SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	SB-4
DOCUMENT NO.:	
SHEET	OF

LOCATIONS

BORING COMPANY:	Geosearch	JOB NUMBER:	01-216075.00
BORING COMPANY	20 Authority Dr. Fitchburg, MA	PROJECT NAME:	1660 Storrs Rd.
FOREMAN:	Roger	PROJECT ADDRESS:	Mansfield, CT
ECS INSPECTOR:	Jake Michalski	CLIENT NAME:	CFI

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE	Hollow Stem Auger	Split Spoon	
			INSIDE DIAMETER	4.25"	1 3/8"	
			HAMMER WEIGHT		140 lbs	
			HAMMER FALL		30"	
			NOTES:			

Date Started	5/12/2011
Date Completed	5/16/2011

Depth	Sample Number	Sample Depths	Penetration/ Recovery	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0	1	0 - 2	hand cleared		F-SAND	Dry, loose, tan F-SAND.		BDL	1
2	2	2	hand cleared			Dry, loose, tan F-SAND.		BDL	
4	3	4	hand cleared		F-SAND/Gravel	Damp/wet, M-dense, brown, F-SAND. Trace Gravel.		BDL	2
5	4	5 - 7	24/20	18-17-12-13		20" Wet, M-dense, brown/gray, F-SAND, trace F-M Gravel.		561	
7									
10	5	10 - 12	24/22	5-7-12-21	SILT/Gravel	22" Saturated, M-dense, brown SILT, trace M-Gravel.		9.7	
12					12' End Of Boring				3

Boring cleared by Vac-master system to 5.5 fbg on 5/12/11, rest of boring completed by rig on 5/16/11.

1. Field testing values represent total volatile organic vapors (referenced to a benzene standard) measured in the headspace of sealed soil sample jars with a Thermo Environmental Model PhoCheck TIGER OVM photoionization detector (PID) Results reported in parts per million (ppm). Detection limit = 0.1 ppm. BDL = Below
2. Groundwater encountered at approximately 4 feet below grade.
3. Soil Boring Only.

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001

SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	SB-5
DOCUMENT NO.:	
SHEET	OF

LOCATIONS

BORING COMPANY:	Geosearch	JOB NUMBER:	01-216075.00
BORING COMPANY	20 Authority Dr. Fitchburg, MA	PROJECT NAME:	1660 Storrs Rd.
FOREMAN:	Roger	PROJECT ADDRESS:	Mansfield, CT
ECS INSPECTOR:	Jake Michalski	CLIENT NAME:	CFI

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE	Hollow Stem Auger	Split Spoon	
			INSIDE DIAMETER	4.25"	1 3/8"	
			HAMMER WEIGHT		140 lbs	
			HAMMER FALL		30"	
			NOTES:			

Date Started	5/12/2011
Date Completed	5/16/2011

Depth	Sample Number	Sample Depths	Penetration/ Recovery	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0									1
2	1	2	hand boring	NA	F-SAND	Dry, loose, tan/brown F-SAND.		BDL	
	2	4	hand boring	NA		Wet, brown, loose, F-M SAND.		0.2	2
5	3	5 - 7	24/20	2-2-2-4	SAND/Silt/Gra	20" Wet, black/gray/brown, loose, M-F SAND, trace Silt and Gravel.		6.2	
7									
10	4	10 - 12	24/22	4-6-7-9		22" Wet, gray/brown, loose F-SAND, trace C-Gravel and Silt.		0.8	
12					12' End Of Boring				3

Boring hand cleared to 5.5 fbg on 5/12/11, rest of boring completed by rig on 5/16/11.

1. Field testing values represent total volatile organic vapors (referenced to a benzene standard) measured in the headspace of sealed soil sample jars with a Thermo Environmental Model PhoCheck TIGER OVM photoionization detector (PID) Results reported in parts per million (ppm). Detection limit = 0.1 ppm. BDL = Below
2. Groundwater encountered at approximately 4 feet below grade.
3. Soil Boring Only.

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001

SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	SB-6/ECS-4
DOCUMENT NO.:	
SHEET	OF

LOCATIONS

BORING COMPANY:	Geosearch	JOB NUMBER:	01-216075.00
BORING COMPANY	20 Authority Dr. Fitchburg, MA	PROJECT NAME:	1660 Storrs Rd.
FOREMAN:	Roger / Rob	PROJECT ADDRESS:	Mansfield, CT
ECS INSPECTOR:	Jake Michalski	CLIENT NAME:	CFI

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE	Hollow Stem Auger	Split Spoon	
			INSIDE DIAMETER	4.25"	1 3/8"	
			HAMMER WEIGHT		140 lbs	
			HAMMER FALL		30"	
			NOTES:			

Date Started	5/12/2011
Date Completed	5/13/2011

Depth	Sample Number	Sample Depths	Penetration/ Recovery	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0									1
2	1	2	hand boring	NA		Dry, brown, loose, F-SAND.		BDL	
4	2	4	hand boring	NA	F-SAND	(Wet at 4' BLG) brown, loose F-SAND		0.8	2
5	3	5 - 7	24/22	3-5-1-2		22" of wet, loose, black to brownm F-SAND with trace silt and gravel.		2.5	
10	4	10 - 12	24/22	5-6-5-3	M-F SAND	22" of saturated, brown, loose, M-F SAND, with m-f gravel mixed in.	10' End Of Well	0.4	
12					12' End of Boring				3
15									

Wells Hand cleared on 5/12/11, finished on 5/13/11 by rig.

1. Field testing values represent total volatile organic vapors (referenced to a benzene standard) measured in the headspace of sealed soil sample jars with a Thermo Environmental Model PhoCheck TIGER OVM photoionization detector (PID) Results reported in parts per million (ppm). Detection limit = 0.1 ppm. BDL = Below
2. Groundwater encountered at approximately 4 feet below grade.
3. Completed at 10' as a 2" diameter monitoring well, 8' of 0.010" slotted screen, 2' of solid riser, sand pack between 10' and 1', bentonite seal from 1' to 0', natural fill to surface, casing and cement flush to ground surface.

Well sand.
Bentonite seal.
Natural Fill.
Well screen.

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001

SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	SB-7/ECS-3
DOCUMENT NO.:	
SHEET	OF

LOCATIONS

BORING COMPANY:	Geosearch	JOB NUMBER:	01-216075.00
BORING COMPANY	20 Authority Dr. Fitchburg, MA	PROJECT NAME:	1660 Storrs Rd.
FOREMAN:	Roger / Rob	PROJECT ADDRESS:	Mansfield, CT
ECS INSPECTOR:	Jake Michalski	CLIENT NAME:	CFI

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE	Hollow Stem Auger	Split Spoon	
			INSIDE DIAMETER	4.25"	1 3/8"	
			HAMMER WEIGHT		140 lbs	
			HAMMER FALL		30"	
			NOTES:			

Date Started	5/12/2011
Date Completed	5/13/2011

Depth	Sample Number	Sample Depths	Penetration/ Recovery	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0	1	0 - 2	hand boring	NA		Dry, loose, tan, homogenous, F-SAND		BDL	1
2	2	2	hand boring	NA		Dry, loose, tan, F-SAND, w/ trace m-sand.		BDL	
4	3	4	hand boring	NA	F-SAND	(Wet at 4' BLG.) Strong odor, m-dense, black to brown, F-SAND w/ trace coarse gravel.		827	2
5	4	5 - 7	24/22	2-5-6-9		22" of wet, loose, black to gray, F-SAND with trace silt and gravel.		51.7	
10	5	10 - 12	24/22	6-7-10-12	M-F SAND	22" of saturated, gray, to brown, M-F SAND with trace fine gravel.	10' End Of Well	9.1	
12					12' End of Boring				3
15									

Wells Hand cleared on 5/12/11, finished on 5/13/11 by rig.

1. Field testing values represent total volatile organic vapors (referenced to a benzene standard) measured in the headspace of sealed soil sample jars with a Thermo Environmental Model PhoCheck TIGER OVM photoionization detector (PID) Results reported in parts per million (ppm). Detection limit = 0.1 ppm. BDL = Below
2. Groundwater encountered at approximately 4 feet below grade.
3. Completed at 10' as a 2" diameter monitoring well, 8' of 0.010" slotted screen, 2' of solid riser, sand pack between 10' and 1', bentonite seal from 1' to 0', natural fill to surface, casing and cement flush to ground surface.

Well sand.
Bentonite seal.
Natural Fill.
Well screen.

Environmental Compliance Services, Inc. *588 Silver Street, Agawam, Massachusetts 01001*	**SOIL BORING and MONITORING WELL INSTALLATION LOG**	BORING NO.:	SB-8
		DOCUMENT NO.:	
		SHEET	OF
		LOCATIONS	

BORING COMPANY:	Geosearch	JOB NUMBER:	01-216075.00
BORING COMPANY	20 Authority Dr. Fitchburg, MA	PROJECT NAME:	1660 Storrs Rd.
FOREMAN:	Roger	PROJECT ADDRESS:	Mansfield, CT
ECS INSPECTOR:	Jake Michalski	CLIENT NAME:	CFI

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE	Hollow Stem Auger	Split Spoon	
			INSIDE DIAMETER	4.25"	1 3/8"	
			HAMMER WEIGHT		140 lbs	
			HAMMER FALL		30"	
			NOTES:			

Date Started	5/12/2011
Date Completed	5/16/2011

Depth	Sample Number	Sample Depths	Penetration/ Recovery	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0	1	0 - 2	hand boring		F-SAND	Dry, loose light tan Fine SAND			1
								BDL	
2	2	2-4	hand boring			Damp/Wet, loose, tan to dark brown Fine SAND, trace coarse Gravel.			
								11.8	2
5	3	5 - 7	24/20	8-12-12-12	F-SAND, Gravel	20" Wet, loose, brown/gray Fine SAND, trace Gravel.		22.9	
7									
10	4	10 - 12	24/24	12-21-26-45	SILT, Gravel	24" Saturated, dense, brown/gra SILT, trace rounded Gravel.		5.7	
12					12'end of Boring			3	

Boring hand cleared to 5.5 fbg on 5/12/11, rest of boring completed by rig on 5/16/11.

1. Field testing values represent total volatile organic vapors (referenced to a benzene standard) measured in the headspace of sealed soil sample jars with a Thermo Environmental Model PhoCheck TIGER OVM photoionization detector (PID) Results reported in parts per million (ppm). Detection limit = 0.1 ppm. BDL = Below
2. Groundwater encountered at approximately 4 feet below grade.
3. Soil Boring Only.

Environmental Compliance Services, Inc. 588 Silver Street, Agawam, Massachusetts 01001	SOIL BORING and MONITORING WELL INSTALLATION LOG	BORING NO.:	SB-9	
		DOCUMENT NO.:		
		SHEET		OF
		LOCATIONS		

BORING COMPANY:	Geosearch	JOB NUMBER:	01-216075.00
BORING COMPANY	20 Authority Dr. Fitchburg, MA	PROJECT NAME:	1660 Storrs Rd.
FOREMAN:	Roger / Rob	PROJECT ADDRESS:	Mansfield, CT
ECS INSPECTOR:	Jake Michalski	CLIENT NAME:	CFI

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE	Hollow Stem Auger	Split Spoon	
			INSIDE DIAMETER	4.25"	1 3/8"	
			HAMMER WEIGHT		140 lbs	
			HAMMER FALL		30"	
			NOTES:			

Date Started	5/12/2011
Date Completed	5/16/2011

Depth	Sample Number	Sample Depths	Penetration/ Recovery	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0	1	0 - 2	hand boring	NA	Boulders, F-SAND	Large boulders (6" to 14") with loose, tan, F-SAND.		BDL	1
2	2	2	hand boring	NA		Dry, loose, tan, F-SAND with boulders (2" to 5".)		BDL	
	3	4	hand boring	NA	F-SAND	Dry, m-dense, brown, F-SAND w/ trace silt/gravel.		BDL	
5	4	5 - 7	24/20	12-20-21-21		20" of wet, m-dense, brown, F-SAND w/ trace m-gravel.		BDL	2
7									
10	5	10 - 12	24/22	16-14-18-24		22" of wet, dense, brown, F-SAND with trace silt and fine gravel.		BDL	
12									
15	6	15 - 17	24/24	16-33-44-50	SILT	24" of saturated, dense, brown to gray, SILT, with rounded rocks mix in (similar to till.)		BDL	
17									
20	7	20 - 22	24/24	18-41-48-67		24" of saturated, very dense, gray SILT, with rounded rocks mixed in (similar to till.)		BDL	
									3
					EOB				

Boring hand cleared to 5.5 fbg on 5/12/11, rest of boring completed by rig on 5/16/11.

1. Field testing values represent total volatile organic vapors (referenced to a benzene standard) measured in the headspace of sealed soil sample jars with a Thermo Environmental Model PhoCheck TIGER OVM photoionization detector (PID) Results reported in parts per million (ppm). Detection limit = 0.1 ppm. BDL = Below
2. Groundwater encountered at approximately 5 feet below grade.
3. Soil Boring Only.

Environmental Compliance Services, Inc. *588 Silver Street, Agawam, Massachusetts 01001*	**SOIL BORING and MONITORING WELL INSTALLATION LOG**	BORING NO.:	SB-10
		DOCUMENT NO.:	
		SHEET	OF
		LOCATIONS	

BORING COMPANY:	Geosearch	JOB NUMBER:	01-216075.00
BORING COMPANY	20 Authority Dr. Fitchburg, MA	PROJECT NAME:	1660 Storrs Rd.
FOREMAN:	Roger	PROJECT ADDRESS:	Mansfield, CT
ECS INSPECTOR:	Jake Michalski	CLIENT NAME:	CFI

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE	Hollow Stem Auger	Split Spoon	
			INSIDE DIAMETER	4.25"	1 3/8"	
			HAMMER WEIGHT		140 lbs	
			HAMMER FALL		30"	
			NOTES:			

Date Started	5/12/2011
Date Completed	5/12/2011

Depth	Sample Number	Sample Depths	Penetration/ Recovery	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0	1	0 - 2	hand boring		M-F SAND	Dry, loose, brown, M-F SAND w 3/4" to 1" angular gravel.			1
								BDL	
2					Augular Gravel	Hand boring/preclearing stopped due to encountering only 3/4" angular gravel. Hole stating to collapse and cannot sample only 3/4" stone.			
									2,3
					EOB				
5									
7									
10									
12									

Boring hand cleared to 5.5 fbg on 5/12/11.

1. Field testing values represent total volatile organic vapors (referenced to a benzene standard) measured in the headspace of sealed soil sample jars with a Thermo Environmental Model PhoCheck TIGER OVM photoionization detector (PID) Results reported in parts per million (ppm). Detection limit = 0.1 ppm. BDL = Below
2. Groundwater not encountered
3. Soil Boring Only.

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001

SOIL BORING and MONITORING WELL INSTALLATION LOG

BORING NO.:	SB-11
DOCUMENT NO.:	
SHEET	OF

LOCATIONS

BORING COMPANY:	Geosearch	JOB NUMBER:	01-216075.00
BORING COMPANY	20 Authority Dr. Fitchburg, MA	PROJECT NAME:	1660 Storrs Rd.
FOREMAN:	Roger	PROJECT ADDRESS:	Mansfield, CT
ECS INSPECTOR:	Jake Michalski	CLIENT NAME:	CFI

GROUNDWATER OBSERVATIONS				CASING	SAMPLER	CORE BARREL
Date	Depth	Stabilization Time	TYPE	Hollow Stem Auger	Split Spoon	
			INSIDE DIAMETER	4.25"	1 3/8"	
			HAMMER WEIGHT		140 lbs	
			HAMMER FALL		30"	
			NOTES:			

Date Started	5/13/2011
Date Completed	5/13/2011

Depth	Sample Number	Sample Depths	Penetration/ Recovery	Blows per 6" penetration	Strata Changes	Soil Descriptions	Well As Built	Field Testing	Notes
0									1
2	2	2'	hand boring	NA	F-SAND	Dry, loose, brown to gray, F-SAND.		BDL	
	3	4'	hand boring	NA		(Wet at 4') loose, Brown, F-SAND w/ trace silt.		BDL	2
5	4	5 - 7	24/22	wt for 6",2-5-6	SILT	22" of wet, dense, gray, SILT, (till like material.)		BDL	
10	5	10 - 12	24/22	5-5-6-6		22" of wet, dense, gray, SILT, with trace f-sand.		BDL	
12					12' End of Boring				

Boring hand cleared to 5.5 fbg on 5/12/11, rest of boring completed by rig on 5/13/11.

1. Field testing values represent total volatile organic vapors (referenced to a benzene standard) measured in the headspace of sealed soil sample jars with a Thermo Environmental Model PhoCheck TIGER OVM photoionization detector (PID) Results reported in parts per million (ppm). Detection limit = 0.1 ppm. BDL = Below
2. Groundwater encountered at approximately 4 feet below grade.
3. Soil Boring Only.

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001
MA: (413) 789-3530 FAX: (413) 789-2776

LOW-FLOW GROUNDWATER SAMPLING LOG

Client:	Cumberland Farms, Inc.	**Job Number:**	01-216075	**WELL I.D.**	
Location:	1660 Storrs Road, Mansfield, CT	**Date:**	5/17/2011	ECS-1	
Personnel:	Jake	**Weather:**	Rain		

Stickup? Y / N Distance ground to Stickup Rim / PVC	Distance From Rim to PVC	Total Depth of Well Rim / PVC	Depth to Product Rim / PVC	Depth to Water Rim / PVC	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
—	—	14.84	ND	4.63	10.21	9.74	10 —	—	PP

Turbidity at collection (NTU):	39	(Less than 5 NTU is desirable)	Duplicate Collected? Y / N	Filtered Sample Y / N	

Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or with in 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<0.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	**Time** (actual Time) 5 minute intervals	**TEMP.** (Deg. C)	**pH**	**Specific Conductivity** uS/cm	**Dissolved Oxygen** (mg/L)	**ORP** mV millvolts	**Turbidity** NTUs	**DTW** (feet)	**Odors** Y/N
0.0	9:55	10.45	7.34	1.516	9.07	-18.1	—	4.63	N
	10:00	10.40	7.11	1.493	7.42	-33.1		—	
	10:05	10.39	7.07	1.479	5.11	-59.7		—	
	10:10	10.36	6.96	1.435	4.59	-77.1		—	
	10:15	10.33	6.90	1.673	3.27	-89.7		—	
	10:20	10.39	6.87	1.690	2.38	-101.2		—	
	10:25	10.41	6.84	1.691	2.29	-103.9		—	
1.0	10:30	10.54	6.82	1.694	2.14	-109.1	39	4.79	N

Well Condition Summary

Cover: Y / N	Bolts Y / N		Conc Pad OK Y / N	Gripper Y / N

Sample Collection Information

Sample Time 10:30	**Appearance** Slightly Cloudy	**Filtered Sample Turbidity:**	**OTHER**

Desired purge flow rate < 100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submital.

Minimum 20 minute purge to establish stabilization.

Notes/Calculations:

VOC/ETPH

Volume/ Linear Ft of well casing; 1"= 0.041 gal 2" = 0.163 gal 4" = 0.653 gal

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001
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LOW-FLOW GROUNDWATER SAMPLING LOG

Client:	Cumberland Farms, Inc.	**Job Number:**	01-216075	**WELL I.D.**	
Location:	1660 Storrs Road, Mansfield, CT	**Date:**	5/17/2011	ECS-2	
Personnel:	Luke Whitehouse	**Weather:**	RAIN		

Stickup? Y / N Distance ground to Stickup Rim / PVC	Distance From Rim to PVC	Total Depth of Well Rim / PVC	Depth to Product Rim / PVC	Depth to Water Rim / PVC	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
		10'		3.93					

Turbidity at collection (NTU):		(Less than 5 NTU is desirable)	Duplicate Collected? Y / (N)	Filtered Sample Y / (N)	

Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or with in 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<0.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millivolts	Turbidity NTUs	DTW (feet)	Odors Y/N
—	9:49	11.89	0.00	.821	2.62	102.5	8.59	4.06	—
	9:54	11.75	—	.804	2.00	119.8	—	4.07	—
	9:59	11.59	—	.799	1.83	105.2	—	4.08	—
	10:04	11.57	—	.785	1.63	88.6	—	4.09	—
	10:09	11.61	4.60	.772	1.56	86.1	—	4.08	—
	10:14	11.63	4.64	.775	1.55	84.2		4.07	Y

Well Condition Summary

Cover (Y) / N	Bolts (Y) / N		Conc Pad OK (Y) / N	Gripper (Y) / N	

Sample Collection Information

Sample Time 10:15	**Appearance** Clear	**Filtered Sample Turbidity:** —	**OTHER** —

Desired purge flow rate < 100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submital.

Minimum 20 minute purge to establish stabilization.

Notes/Calculations:

Volume/ Linear Ft of well casing; 1"= 0.041 gal 2" = 0.163 gal 4" = 0.653 gal

* PH malfunctioning on YSI

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001
MA: (413) 789-3530 FAX: (413) 789-2776

LOW-FLOW GROUNDWATER SAMPLING LOG

Client:	Cumberland Farms, Inc.	Job Number:	01-216075	WELL I.D.	
Location:	1660 Storrs Road, Mansfield, CT	Date:	5/17/2011	ECS-3	
Personnel:	LRW	Weather:	RAINY		

Stickup? Y / N Distance ground to Stickup Rim / PVC	Distance From Rim to PVC	Total Depth of Well Rim / PVC	Depth to Product Rim / PVC	Depth to Water Rim / PVC	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
		10'		3.67					

Turbidity at collection (NTU):	*9.86	(Less than 5 NTU is desirable)	Duplicate Collected? Y / (N)	Filtered Sample Y / (N)

Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or with in 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<0.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	**Time (actual Time)** 5 minute intervals	**TEMP.** (Deg. C)	**pH***	**Specific Conductivity** uS/cm	**Dissolved Oxygen** (mg/L)	**ORP** mV millvolts	**Turbidity** NTUs	**DTW** (feet)	**Odors** Y/N
	11:16	13.19	—	9.912	1.86	-31.4	—	3.71	—
	11:21	13.39	—	9.957	0.63	-40.5	—	3.72	—
	11:26	13.49	—	9.956	0.64	-43.6	—	3.73	—
	11:31	13.65	—	9.948	0.61	-44.6	15.63	3.74	—
	11:36	13.69	—	9.947	0.60	-46.1	*9.86	3.75	Y

Well Condition Summary

Cover: (Y) / N	Bolts (Y) / N		Conc Pad OK (Y) / N	Gripper (Y) / N

Sample Collection Information

Sample Time 11:45	Appearance turbid	Filtered Sample Turbidity: —	OTHER

Desired purge flow rate < 100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submital.

Minimum 20 minute purge to establish stabilization.

Notes/Calculations:

Volume/ Linear Ft of well casing; 1"= 0.041 gal 2" = 0.163 gal 4" = 0.653 gal

* pH malfunctioning on YSI
* Became more turbid during sampling (40± NTU)

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001
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LOW-FLOW GROUNDWATER SAMPLING LOG

Client:	Cumberland Farms, Inc.	**Job Number:**	01-216075	**WELL I.D.**	
Location:	1660 Storrs Road, Mansfield, CT	**Date:**	5/17/2011	ECS-4	
Personnel:	Jake	**Weather:**	Rain		

Stickup? Y / N Distance ground to Stickup Rim / PVC	Distance From Rim to PVC	Total Depth of Well Rim / PVC	Depth to Product Rim / PVC	Depth to Water Rim / PVC	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
—	—	10.07	ND	4.14	5.93	7.11	7 —	—	PP

Turbidity at collection (NTU):	11	(Less than 5 NTU is desirable)	Duplicate Collected? Y / N	Filtered Sample Y / N

Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or with in 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<0.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	**Time** (actual Time) 5 minute intervals	**TEMP.** (Deg. C)	**pH**	**Specific Conductivity** uS/cm	**Dissolved Oxygen** (mg/L)	**ORP** mV millvolts	**Turbidity** NTUs	**DTW** (feet)	**Odors** Y/N
0.0	11:10	13.21	7.57	0.141	9.07	30.1	—	4.14	N
	11:15	13.63	6.74	0.137	8.09	63.1	—		
	11:20	13.71	6.11	0.131	7.76	84.2	—		
	11:25	13.86	5.92	0.127	7.01	100.4	—		
	11:30	13.98	5.81	0.130	5.71	105.1	—		
	11:35	14.01	5.73	0.137	5.30	116.0	—		
	11:40	14.09	5.70	0.140	5.27	117.1	—		
1.0	11:45	14.17	5.69	0.141	5.22	121.7	11	4.25	N

Well Condition Summary

Cover Y / N	Bolts Y / N		Conc Pad OK Y / N	Gripper Y / N

Sample Collection Information

Sample Time 11:45	**Appearance** Clear	**Filtered Sample Turbidity:**	**OTHER**

Desired purge flow rate < 100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submital.

Minimum 20 minute purge to establish stabilization.

Notes/Calculations: VOC / ETPH / PCB / diss Pb

Volume/ Linear Ft of well casing; 1"= 0.041 gal 2" = 0.163 gal 4" = 0.653 gal

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001
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LOW-FLOW GROUNDWATER SAMPLING LOG

Client:	Cumberland Farms, Inc.	**Job Number:**	01-216075	**WELL I.D.**
Location:	1660 Storrs Road, Mansfield, CT	**Date:**	5/17/2011	MW-1
Personnel:	LRW	**Weather:**	RAINY	

Stickup? Y / N Distance ground to Stickup Rim / PVC	Distance From Rim to PVC	Total Depth of Well Rim / PVC	Depth to Product Rim / PVC	Depth to Water Rim / PVC	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
		14'		3.95					

Turbidity at collection (NTU):		(Less than 5 NTU is desirable)	Duplicate Collected? Y / (N)	Filtered Sample	Y / (N)

Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or with in 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<0.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	**Time (actual Time)** 5 minute intervals	**TEMP.** (Deg. C)	**pH**	**Specific Conductivity** uS/cm	**Dissolved Oxygen** (mg/L)	**ORP** mV millvolts	**Turbidity** NTUs	**DTW** (feet)	**Odors** Y/N
	1043	12.51	—	.486	3.86	132.5	—	4.10	—
	1048	12.49	—	.484	1.16	36.7	—	4.11	—
	1053	12.57	—	.484	1.34	23.1	—	4.12	—
	1058	12.61	—	.484	1.28	27.6	—	4.13	—
	1103	12.67	—	.485	1.25	19.8	5.11	4.14	Y

Well Condition Summary

Cover: (Y) / N	Bolts (Y) / N		Conc Pad OK Y / (N)	Gripper (Y) / N	

Sample Collection Information

Sample Time 1115	**Appearance**	**Filtered Sample Turbidity:**	**OTHER**

Desired purge flow rate < 100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submital.

Minimum 20 minute purge to establish stabilization.

Notes/Calculations:

Volume/ Linear Ft of well casing; 1"= 0.041 gal 2" = 0.163 gal 4" = 0.653 gal

KPH malfunctioning on YSI

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001
MA: (413) 789-3530 FAX: (413) 789-2776

LOW-FLOW GROUNDWATER SAMPLING LOG

Client:	Cumberland Farms, Inc.	**Job Number:**	01-216075	**WELL I.D.**
Location:	1660 Storrs Road, Mansfield, CT	**Date:**	5/17/2011	
Personnel:	Steve	**Weather:**	Rain 65°	MW-2

Stickup? Y / N Distance ground to Stickup Rim / PVC	Distance From Rim to PVC	Total Depth of Well Rim / PVC	Depth to Product Rim / PVC	Depth to Water Rim / PVC	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
		11.86	—	4.13	7.73	7.99	8.00		P Pump

Turbidity at collection (NTU):	9NTU	(Less than 5 NTU is desirable)	Duplicate Collected? Y / (N)	Filtered Sample	Y / (N)

Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or with in 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<0.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millvolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	10:04	12.90	6.95	987	2.26	177.8			
	10:09	12.85	6.29	984	1.87	181.3			
	10:14	12.87	6.19	975	1.71	178.2		4.34	
	10:19	13.17	6.13	973	1.52	163.9			
	10:24	13.17	6.08	975	1.33	152.7			
	10:29	13.19	6.07	977	1.23	132.6			
	10:34	13.66	6.07	980	1.13	121.7		4.49	
1gal	10:39	12.97	6.06	980	1.16	120.3	9NTU		

Well Condition Summary

Cover: Y / N	Bolts Y / (N)		Conc Pad OK (Y) / N	Gripper (Y) / N

Sample Collection Information

Sample Time 10:39	**Appearance** Clear sewer Iron floc	**Filtered Sample Turbidity:**	**OTHER**

Desired purge flow rate < 100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submital.

Minimum 20 minute purge to establish stabilization.

Notes/Calculations: VOC ETPH PCB Lead

Volume/ Linear Ft of well casing; 1"= 0.041 gal (2" = 0.163 gal) 4" = 0.653 gal

Environmental Compliance Services, Inc.
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LOW-FLOW GROUNDWATER SAMPLING LOG

Client:	Cumberland Farms, Inc.	**Job Number:**	01-216075	**WELL I.D.**	
Location:	1660 Storrs Road, Mansfield, CT	**Date:**	5/17/2011		
Personnel:	Steve	**Weather:**	Cloudy 55	MW-4	

Stickup? Y / N Distance ground to Stickup Rim / PVC	Distance From Rim to PVC	Total Depth of Well Rim / PVC	Depth to Product Rim / PVC	Depth to Water Rim / PVC	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
		9.88	—	4.45	5.43	7.14	7.00		P-Pump

Turbidity at collection (NTU):	12 NTU	(Less than 5 NTU is desirable)	Duplicate Collected? Y / (N)	Filtered Sample	Y / (N)

Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or with in 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<0.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	**Time** (actual Time) 5 minute intervals	**TEMP.** (Deg. C)	**pH**	**Specific Conductivity** uS/cm	**Dissolved Oxygen** (mg/L)	**ORP** mV millivolts	**Turbidity** NTUs	**DTW** (feet)	**Odors** Y/N
	12:26	12.95	6.53	2103	3.35	39.3			
	12:31	13.07	6.37	2105	0.44	67.6			
	12:36	12.98	6.37	2110	0.54	70.6		4.61	
	12:41	13.04	6.37	2104	0.53	74.1			
	12:46	13.20	6.37	2100	6.40	76.7			
3/4 gal	12:51	13.22	6.38	2106	6.33	77.1	12 NTU	4.62	

Well Condition Summary

Cover (Y) / N	Bolts (Y) / N		Conc Pad OK (Y) / N	Gripper (Y) / N

Sample Collection Information

Sample Time 12:51	**Appearance** Clear	**Filtered Sample Turbidity:**	**OTHER**

Desired purge flow rate < 100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submital.

Minimum 20 minute purge to establish stabilization.

Notes/Calculations: VOC ETPH

Volume/ Linear Ft of well casing; 1"= 0.041 gal 2" = 0.163 gal 4" = 0.653 gal

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001
MA: (413) 789-3530 FAX: (413) 789-2776

LOW-FLOW GROUNDWATER SAMPLING LOG

Client:	Cumberland Farms, Inc.	**Job Number:**	01-216075	**WELL I.D.**
Location:	1660 Storrs Road, Mansfield, CT	**Date:**	5/17/2011	[redacted] MW-5(S)
Personnel:	CRW	**Weather:**	RAINY	

Stickup? Y / N Distance ground to Stickup Rim / PVC	Distance From Rim to PVC	Total Depth of Well Rim / PVC	Depth to Product Rim / PVC	Depth to Water Rim / PVC	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
		10'		~~[illegible]~~ 4.44					

Turbidity at collection (NTU):	14.45	(Less than 5 NTU is desirable)	Duplicate Collected? Y / (N)	Filtered Sample	Y / (N)

Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or with in 3% if. >300umho	1 ppm	+/- 10 mV	No Limit	<0.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	**Time** (actual Time) 5 minute intervals	**TEMP.** (Deg. C)	* **pH**	**Specific Conductivity** uS/cm	**Dissolved Oxygen** (mg/L)	**ORP** mV millvolts	**Turbidity** NTUs	**DTW** (feet)	**Odors** Y/N
	12:00	12.64	—	.722	5.37	417.9	—	4.44	—
	12:05	12.79	—	.684	0.62	549.7	—	4.45	—
	12:10	12.92	—	.673	0.59	559.6	—	4.46	—
	12:15	13.01	—	.668	0.55	564.2	14.71	4.47	—
	12:20	13.13	—	.664	0.62	567.1	14.45	4.48	N

Well Condition Summary

Cover: (Y) / N	Bolts Y / (N)	Conc Pad OK (Y) / N	Gripper (Y) N	

Sample Collection Information

Sample Time 12:30	**Appearance** Clear / some particulates	**Filtered Sample Turbidity:** —	**OTHER** —

Desired purge flow rate < 100mL/min (slow drip) & turbidity <10 if possible. if turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submital.

Minimum 20 minute purge to establish stabilization.

Notes/Calculations:

Volume/ Linear Ft of well casing; 1"= 0.041 gal 2" = 0.163 gal 4" = 0.653 gal

* PH Malfunctioning on YSI

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001
MA: (413) 789-3530 FAX: (413) 789-2776

LOW-FLOW GROUNDWATER SAMPLING LOG

Client:	Cumberland Farms, Inc.	**Job Number:**	01-216075	**WELL I.D.**
Location:	1660 Storrs Road, Mansfield, CT	**Date:**	5/17/2011	
Personnel:	LRW	**Weather:**	RAW, 50°F	MW-5 (D)

Stickup? Y / N Distance ground to Stickup Rim / PVC	Distance From Rim to PVC	Total Depth of Well Rim / PVC	Depth to Product Rim / PVC	Depth to Water Rim / PVC	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
		17'		4.78					

Turbidity at collection (NTU):	10.95	(Less than 5 NTU is desirable)	Duplicate Collected? Y / (N)	Filtered Sample Y / (N)	

Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or with in 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<0.3 feet drawdown desirable	No Limit
Volume Purged (gallons)	**Time** (actual Time) 5 minute intervals	**TEMP.** (Deg. C)	**pH**	**Specific Conductivity** uS/cm	**Dissolved Oxygen** (mg/L)	**ORP** mV millivolts	**Turbidity** NTUs	**DTW** (feet)	**Odors** Y/N
	1233	12.67	—	.346	0.42	661.2	—	4.79	—
	1238	12.64	—	.344	0.37	668.1	—	4.80	—
	1243	12.60	—	.340	0.31	671.3	—	4.81	—
	1248	12.58	—	.341	0.30	674.2	10.95	4.82	N

Well Condition Summary

Cover: (Y) / N	Bolts Y / (N)	Conc Pad OK (Y) / N	Gripper (Y) / N

Sample Collection Information

Sample Time 1300	**Appearance** Clear / Some Particulate	**Filtered Sample Turbidity:**	**OTHER**

Desired purge flow rate < 100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submital.
Minimum 20 minute purge to establish stabilization.

Notes/Calculations:

Volume/ Linear Ft of well casing; 1"= 0.041 gal 2" = 0.163 gal 4" = 0.653 gal

* pH malfunctioning on YSI

Environmental Compliance Services, Inc.
588 Silver Street, Agawam, Massachusetts 01001
MA: (413) 789-3530 FAX: (413) 789-2776

LOW-FLOW GROUNDWATER SAMPLING LOG

Client:	Cumberland Farms, Inc.	**Job Number:**	01-216075	**WELL I.D.**	
Location:	1660 Storrs Road, Mansfield, CT	**Date:**	5/17/2011	MW-6	
Personnel:	Steve	**Weather:**	Cloudy 55°		

Stickup? Y / N Distance ground to Stickup Rim / PVC	Distance From Rim to PVC	Total Depth of Well Rim / PVC	Depth to Product Rim / PVC	Depth to Water Rim / PVC	Standing Water Column (feet)	Middle of Saturated Zone (feet)	Depth to Sample Tube (feet)	TOV @ Well Head (ppmv)	Pump Peristaltic or Bladder
		14.18	—	4.23	9.95	9.20	9.0		P-Pump

Turbidity at collection (NTU):	34 nTU	(Less than 5 NTU is desirable)	Duplicate Collected? Y / (N)	Filtered Sample Y / (N)	

Stabilization Parameters	+/- 0.5 deg C.	+/- 0.1 Unit	+/- 10 umhos/cm or with in 3% if >300umho	1 ppm	+/- 10 mV	No Limit	<0.3 feet drawdown desirable	No Limit

Volume Purged (gallons)	Time (actual Time) 5 minute intervals	TEMP. (Deg. C)	pH	Specific Conductivity uS/cm	Dissolved Oxygen (mg/L)	ORP mV millvolts	Turbidity NTUs	DTW (feet)	Odors Y/N
	11:21	12.83	6.49	2126	0.99	-13.1			
	11:26	12.75	6.64	2142	0.48	-35.1			
	11:31	12.83	6.65	2123	0.32	-39.7		4.23	
	11:36	12.96	6.64	2094	0.35	-40.2			
	11:41	13.01	6.63	2094	0.39	-40.6		4.23	
3/4991	11:46	12.99	6.64	2087	0.46	-41.6	34 nTU		

Well Condition Summary

Cover: (Y) / N	Bolts (Y) / N		Conc Pad OK (Y) / N	Gripper (Y) / N

Sample Collection Information

Sample Time	**Appearance** Some Iron Floc Clear	**Filtered Sample Turbidity:**	**OTHER**

Desired purge flow rate < 100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submital.

Minimum 20 minute purge to establish stabilization.

Notes/Calculations: VOC ETPH

Volume/ Linear Ft of well casing; 1"= 0.041 gal (2" = 0.163 gal) 4" = 0.653 gal

APPENDIX J

SOIL AND GROUNDWATER LABORATORY DATA

Groundwater Analytical, Inc.
P.O. Box 1200
228 Main Street
Buzzards Bay, MA 02532

Telephone (508) 759-4441
FAX (508) 759-4475
www.groundwateranalytical.com

May 24, 2011

Ms. Abby Albano
Environmental Compliance Services, Inc.
588 Silver Street
Agawam, MA 01001

LABORATORY REPORT

Project: **1660 Storrs Rd Mansfield CT/01-216075**
Lab ID: **141953**
Received: **05-17-11**

Dear Abby:

Enclosed are the analytical results for the above referenced project. The project was processed for Rush 4 Business Day turnaround.

This letter authorizes the release of the analytical results, and should be considered a part of this report. This report contains a sample receipt report detailing the samples received, a project narrative indicating project changes and non-conformances, a quality control report, and a statement of our state certifications.

The analytical results contained in this report meet all applicable NELAC standards, except as may be specifically noted, or described in the project narrative. The analytical results relate only to the samples received. This report may only be used or reproduced in its entirety.

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Should you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,

Jonathan R. Sanford
President

JRS/nfm
Enclosures

GROUNDWATER ANALYTICAL

Sample Receipt Report

Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Delivery:	**GWA Courier**	Temperature:	**2.0ºC**
Client:	**Environmental Compliance Services, Inc.**	Airbill:	**n/a**	Chain of Custody:	**Present**
Lab ID:	**141953**	Lab Receipt:	**05-17-11**	Custody Seal(s):	**n/a**

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-1	SB-1 (2')		Soil	5/12/11 12:00	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018513	40 mL VOA Vial	n/a	n/a	Methanol	n/a	n/a	n/a		
C2018514	40 mL VOA Vial	n/a	n/a	Methanol	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-2	SB-1 (5-7')		Soil	5/16/11 10:00	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018507	40 mL VOA Vial	n/a	n/a	Methanol	n/a	n/a	n/a		
C2018512	40 mL VOA Vial	n/a	n/a	Methanol	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-3	SB-2/ECS-1 (2')		Soil	5/12/11 12:40	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018506	40 mL VOA Vial	n/a	n/a	Methanol	n/a	n/a	n/a		
C2018505	40 mL VOA Vial	n/a	n/a	Methanol	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-4	SB-2/ECS-1 (5-7')		Soil	5/13/11 8:55	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2001034	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		
C2001012	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-5	SB-3/ECS-2 (4')		Soil	5/12/11 9:40	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C632139	40 mL VOA Vial	Proline	BX16355	Methanol	R-4367N	05-06-05	05-11-05		
C632121	40 mL VOA Vial	Proline	BX16355	Methanol	R-4367N	05-06-05	05-11-05		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-6	SB-3/ECS-2 (5-7')		Soil	5/13/11 10:10	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2001074	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		
C2001009	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-7	SB-4 (5-7')		Soil	5/16/11 10:50	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2001037	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		
C2001029	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-8	SB-5 (5-7')		Soil	5/16/11 12:35	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018509	40 mL VOA Vial	n/a	n/a	Methanol	n/a	n/a	n/a		
C2018508	40 mL VOA Vial	n/a	n/a	Methanol	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-9	SB-6/ECS-4 (5-7')		Soil	5/13/11 13:00	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2001041	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		
C2001023	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		

GROUNDWATER ANALYTICAL

Sample Receipt Report (Continued)

Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Delivery:	**GWA Courier**	Temperature:	**2.0ºC**
Client:	**Environmental Compliance Services, Inc.**	Airbill:	**n/a**	Chain of Custody:	**Present**
Lab ID:	**141953**	Lab Receipt:	**05-17-11**	Custody Seal(s):	**n/a**

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-10	SB-7/ECS-3 (4')		Soil	5/13/11 15:10	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2001035	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		
C2001013	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-11	SB-7/ECS-3 (5-7')		Soil	5/13/11 11:20	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2001073	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		
C2001048	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-12	SB-8 (5-7')		Soil	5/16/11 11:50	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2001061	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		
C2001051	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-13	SB-8 (10-12')		Soil	5/16/11 12:10	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2001027	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		
C2001025	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-14	SB-9 (2')		Soil	5/12/11 13:45	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018510	40 mL VOA Vial	n/a	n/a	Methanol	n/a	n/a	n/a		
C2018511	40 mL VOA Vial	n/a	n/a	Methanol	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-15	SB-9 (5-7')		Soil	5/16/11 8:40	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2001026	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		
C2001011	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-16	SB-11 (4')		Soil	5/13/11 11:15	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018334	40 mL VOA Vial	n/a	n/a	Methanol	n/a	n/a	n/a		
C2018335	40 mL VOA Vial	n/a	n/a	Methanol	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-17	Trip Blank		Soil	5/12/11 7:00	EPA 8260B Volatile Organics				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2001008	40 mL VOA Vial	Industrial	BX38725	Methanol	R-6187P	03-24-11	n/a		

GROUNDWATER ANALYTICAL

Sample Receipt Report (Continued)

Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Delivery:	**GWA Courier**	Temperature:	**2.0ºC**
Client:	**Environmental Compliance Services, Inc.**	Airbill:	**n/a**	Chain of Custody:	**Present**
Lab ID:	**141953**	Lab Receipt:	**05-17-11**	Custody Seal(s):	**n/a**

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-18	SB-1 Composite (0-12')		Soil	5/16/11 13:00	EPA 6010B Cr EPA 7471A Mercury by CVAA EPA 8082 PCBs EPA 8270C Semivolatile Organics EPA 9045C Corrosivity EPA 1010 Mod Ignitability EPA SW-846,Chp.7 Reactivity				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018535	250 mL Amber Glass	n/a	n/a	None	n/a	n/a	n/a		
C2018537	250 mL Amber Glass	n/a	n/a	None	n/a	n/a	n/a		
C2018541	250 mL Amber Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-19	SB-1 Composite (0-12')		Soil	5/16/11 13:00	EPA 6010B/7470A TCLP 8 RCRA Metals				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018328	250 mL Amber Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-20	SB-3/ECS-2 Composite		Soil	5/13/11 13:05	EPA 6010B Cr EPA 7471A Mercury by CVAA EPA 8082 PCBs EPA 8270C Semivolatile Organics EPA 9045C Corrosivity EPA 1010 Mod Ignitability EPA SW-846,Chp.7 Reactivity				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018534	250 mL Amber Glass	n/a	n/a	None	n/a	n/a	n/a		
C2018539	250 mL Amber Glass	n/a	n/a	None	n/a	n/a	n/a		
C2018542	250 mL Amber Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-21	SB-3/ECS-2 Composite		Soil	5/13/11 13:05	EPA 6010B/7470A TCLP 8 RCRA Metals				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018333	250 mL Amber Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-22	SB-8 Composite (0-12')		Soil	5/16/11 13:00	EPA 6010B Cr EPA 7471A Mercury by CVAA EPA 8082 PCBs EPA 8270C Semivolatile Organics EPA 9045C Corrosivity EPA 1010 Mod Ignitability EPA SW-846,Chp.7 Reactivity				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018533	250 mL Amber Glass	n/a	n/a	None	n/a	n/a	n/a		
C2018536	250 mL Amber Glass	n/a	n/a	None	n/a	n/a	n/a		
C2018540	250 mL Amber Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-23	SB-8 Composite (0-12')		Soil	5/16/11 13:00	EPA 6010B/7470A TCLP 8 RCRA Metals				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018332	250 mL Amber Glass	n/a	n/a	None	n/a	n/a	n/a		

GROUNDWATER ANALYTICAL

Sample Receipt Report (Continued)

Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Delivery:	**GWA Courier**	Temperature:	**2.0ºC**
Client:	**Environmental Compliance Services, Inc.**	Airbill:	**n/a**	Chain of Custody:	**Present**
Lab ID:	**141953**	Lab Receipt:	**05-17-11**	Custody Seal(s):	**n/a**

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-24	SB-9 Composite		Soil	5/16/11 9:50	EPA 6010B Cr EPA 7471A Mercury by CVAA EPA 8082 PCBs EPA 8270C Semivolatile Organics EPA 9045C Corrosivity EPA 1010 Mod Ignitability EPA SW-846,Chp.7 Reactivity				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018516	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		
C2018522	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		
C2018523	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-25	SB-9 Composite		Soil	5/16/11 9:50	EPA 6010B/7470A TCLP 8 RCRA Metals				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018329	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-26	SB-4 (5-7')		Soil	5/16/11 10:50	EPA 8082 PCBs CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018530	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-27	SB-5 (5-7')		Soil	5/16/11 12:35	EPA 8082 PCBs CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018526	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-28	SB-1 (2')		Soil	5/12/11 12:00	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018528	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-29	SB-1 (5-7')		Soil	5/16/11 10:00	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018517	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-30	SB-2/ECS-1 (2')		Soil	5/12/11 12:40	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018543	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-31	SB-2/ECS-1 (5-7')		Soil	5/12/11 8:55	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018529	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-32	SB-3/ECS-2 (4')		Soil	5/12/11 9:40	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018538	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

GROUNDWATER ANALYTICAL

Sample Receipt Report (Continued)

Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Delivery:	**GWA Courier**	Temperature:	**2.0ºC**
Client:	**Environmental Compliance Services, Inc.**	Airbill:	**n/a**	Chain of Custody:	**Present**
Lab ID:	**141953**	Lab Receipt:	**05-17-11**	Custody Seal(s):	**n/a**

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-33	SB-3/ECS-2 (5-7')		Soil	5/12/11 10:10	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018524	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-34	SB-6/ECS-4 (5-7')		Soil	5/13/11 13:00	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018527	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-35	SB-7/ECS-3 (4')		Soil	5/12/11 13:10	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018532	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-36	SB-7/ECS-3 (5-7')		Soil	5/13/11 11:20	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018520	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-37	SB-8 (5-7')		Soil	5/16/11 11:50	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018519	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-38	SB-8 (10-12')		Soil	5/16/11 12:10	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018518	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-39	SB-9 (2')		Soil	5/16/11 13:45	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018525	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-40	SB-9 (5-7')		Soil	5/16/11 8:40	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018531	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
141953-41	SB-11 (4')		Soil	5/13/11 11:15	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018521	250 mL Glass	n/a	n/a	None	n/a	n/a	n/a		

GROUNDWATER ANALYTICAL

Data Certification

Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Lab ID:	**141953**
Client:	**Environmental Compliance Services, Inc.**	Received:	**05-17-11 16:40**

CT DEP Reasonable Confidence Protocols

This Form provides certifications for the following data set:

EPA 8260B:	141953-1,-2,-3,-4,-5,-6,-7,-8,-9,-10,-11,-12,-13,-14,-15,-16,-17
EPA 8270C:	141953-18,-20,-22,-24
EPA 8082:	141953-18,-20,-22,-24,-26,-27
CT ETPH:	141953-26,-27,-28,-29,-30,-31,-32,-33,-34,-35,-36,-37,-38,-39,-40,-41
EPA 6010B:	141953-18,-19,-20,-21,-22,-23,-24,-25
EPA 7470A/1A:	141953-19,-21,-23,-25

Sample Matrices:	Groundwater	( )	Soil/Sediment	(X)	Drinking Water	( )	Other	( )		
RCP SW-846 Methods Used	8260B	(X)	8151A	( )	6010B	(X)	7470A/1A	(X)	MA EPH	( )
	8270C	(X)	8081A	( )	6020A	( )	9012A[1]	( )	MA VPH	( )
As specified in CT DEP Reasonable Confidence Protocols (check all that apply)	8082	(X)	8021B	( )	7000s[3]	( )	CT ETPH	(X)	Other	( )
	1. SW-846 Method 9012A (Equivalent to 9014)									
	2. SW-846 Methods 7000 Series. List individual method and analyte.									

An affirmative response to questions 1, 1A and 1B is required for "Reasonable Confidence" status.

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

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

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

Signature:		Position:	President
Printed Name:	Jonathan R. Salford	Date:	05-24-11

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-1 (2')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-1**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-12-11 12:00**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Analyzed:	**05-19-11 08:10**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**94**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	540
74-87-3	Chloromethane	BRL		ug/Kg	540
75-01-4	Vinyl Chloride	BRL		ug/Kg	540
74-83-9	Bromomethane	BRL		ug/Kg	540
75-00-3	Chloroethane	BRL		ug/Kg	540
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	540
60-29-7	Diethyl Ether	BRL		ug/Kg	540
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	270
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	2,700
67-64-1	Acetone	BRL		ug/Kg	2,700
75-15-0	Carbon Disulfide	BRL		ug/Kg	2,700
75-09-2	Methylene Chloride	BRL		ug/Kg	1,100
107-13-1	Acrylonitrile	BRL		ug/Kg	270
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	270
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	270
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	270
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	270
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	270
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	2,700
74-97-5	Bromochloromethane	BRL		ug/Kg	270
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	2,700
67-66-3	Chloroform	BRL		ug/Kg	270
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	270
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	270
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	270
71-43-2	Benzene	BRL		ug/Kg	270
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	270
79-01-6	Trichloroethene	BRL		ug/Kg	270
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	270
74-95-3	Dibromomethane	BRL		ug/Kg	270
75-27-4	Bromodichloromethane	BRL		ug/Kg	270
123-91-1	1,4-Dioxane	BRL		ug/Kg	270,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	270
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	2,700
108-88-3	Toluene	BRL		ug/Kg	270
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	270
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	270
127-18-4	Tetrachloroethene	BRL		ug/Kg	270
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	270
591-78-6	2-Hexanone	BRL		ug/Kg	2,700
124-48-1	Dibromochloromethane	BRL		ug/Kg	270
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	270
108-90-7	Chlorobenzene	BRL		ug/Kg	270
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	270
100-41-4	Ethylbenzene	BRL		ug/Kg	270
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	270

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-1 (2')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-1**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-12-11 12:00**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Analyzed:	**05-19-11 08:10**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**94**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	270
100-42-5	Styrene	BRL		ug/Kg	270
75-25-2	Bromoform	BRL		ug/Kg	270
98-82-8	Isopropylbenzene	BRL		ug/Kg	270
108-86-1	Bromobenzene	BRL		ug/Kg	270
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	270
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	270
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	2,700
103-65-1	*n* -Propylbenzene	BRL		ug/Kg	270
95-49-8	2-Chlorotoluene	BRL		ug/Kg	270
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	270
106-43-4	4-Chlorotoluene	BRL		ug/Kg	270
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	270
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	270
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	270
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	270
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	270
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	270
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	270
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	270
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	270
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	270
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	270
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	270
91-20-3	Naphthalene	BRL		ug/Kg	270
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	270
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	11,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	270
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	270
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	270

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,300	**93** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	1,900	**76** %	70 - 130 %
Toluene-d_8	2,500	2,700	**106** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,800	**113** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-1 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-2**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-16-11 10:00**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Analyzed:	**05-19-11 09:51**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**87**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	580
74-87-3	Chloromethane	BRL		ug/Kg	580
75-01-4	Vinyl Chloride	BRL		ug/Kg	580
74-83-9	Bromomethane	BRL		ug/Kg	580
75-00-3	Chloroethane	BRL		ug/Kg	580
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	580
60-29-7	Diethyl Ether	BRL		ug/Kg	580
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	290
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	2,900
67-64-1	Acetone	BRL		ug/Kg	2,900
75-15-0	Carbon Disulfide	BRL		ug/Kg	2,900
75-09-2	Methylene Chloride	BRL		ug/Kg	1,200
107-13-1	Acrylonitrile	BRL		ug/Kg	290
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	290
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	290
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	290
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	290
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	290
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	2,900
74-97-5	Bromochloromethane	BRL		ug/Kg	290
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	2,900
67-66-3	Chloroform	BRL		ug/Kg	290
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	290
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	290
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	290
71-43-2	Benzene	BRL		ug/Kg	290
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	290
79-01-6	Trichloroethene	BRL		ug/Kg	290
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	290
74-95-3	Dibromomethane	BRL		ug/Kg	290
75-27-4	Bromodichloromethane	BRL		ug/Kg	290
123-91-1	1,4-Dioxane	BRL		ug/Kg	290,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	290
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	2,900
108-88-3	Toluene	BRL		ug/Kg	290
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	290
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	290
127-18-4	Tetrachloroethene	BRL		ug/Kg	290
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	290
591-78-6	2-Hexanone	BRL		ug/Kg	2,900
124-48-1	Dibromochloromethane	BRL		ug/Kg	290
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	290
108-90-7	Chlorobenzene	BRL		ug/Kg	290
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	290
100-41-4	Ethylbenzene	BRL		ug/Kg	290
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	290

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-1 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-2**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-16-11 10:00**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Analyzed:	**05-19-11 09:51**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**87**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	290
100-42-5	Styrene	BRL		ug/Kg	290
75-25-2	Bromoform	BRL		ug/Kg	290
98-82-8	Isopropylbenzene	BRL		ug/Kg	290
108-86-1	Bromobenzene	BRL		ug/Kg	290
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	290
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	290
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	2,900
103-65-1	*n* -Propylbenzene	BRL		ug/Kg	290
95-49-8	2-Chlorotoluene	BRL		ug/Kg	290
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	290
106-43-4	4-Chlorotoluene	BRL		ug/Kg	290
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	290
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	290
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	290
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	290
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	290
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	290
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	290
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	290
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	290
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	290
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	290
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	290
91-20-3	Naphthalene	BRL		ug/Kg	290
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	290
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	12,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	290
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	290
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	290

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,400	**97** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,100	**83** %	70 - 130 %
Toluene-d_8	2,500	2,700	**109** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,800	**114** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-2/ECS-1 (2')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-3**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-12-11 12:40**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Analyzed:	**05-19-11 10:24**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**91**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	550
74-87-3	Chloromethane	BRL		ug/Kg	550
75-01-4	Vinyl Chloride	BRL		ug/Kg	550
74-83-9	Bromomethane	BRL		ug/Kg	550
75-00-3	Chloroethane	BRL		ug/Kg	550
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	550
60-29-7	Diethyl Ether	BRL		ug/Kg	550
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	280
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	2,800
67-64-1	Acetone	BRL		ug/Kg	2,800
75-15-0	Carbon Disulfide	BRL		ug/Kg	2,800
75-09-2	Methylene Chloride	BRL		ug/Kg	1,100
107-13-1	Acrylonitrile	BRL		ug/Kg	280
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	280
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	280
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	280
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	280
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	280
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	2,800
74-97-5	Bromochloromethane	BRL		ug/Kg	280
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	2,800
67-66-3	Chloroform	BRL		ug/Kg	280
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	280
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	280
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	280
71-43-2	Benzene	BRL		ug/Kg	280
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	280
79-01-6	Trichloroethene	BRL		ug/Kg	280
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	280
74-95-3	Dibromomethane	BRL		ug/Kg	280
75-27-4	Bromodichloromethane	BRL		ug/Kg	280
123-91-1	1,4-Dioxane	BRL		ug/Kg	280,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	280
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	2,800
108-88-3	Toluene	BRL		ug/Kg	280
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	280
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	280
127-18-4	Tetrachloroethene	BRL		ug/Kg	280
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	280
591-78-6	2-Hexanone	BRL		ug/Kg	2,800
124-48-1	Dibromochloromethane	BRL		ug/Kg	280
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	280
108-90-7	Chlorobenzene	BRL		ug/Kg	280
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	280
100-41-4	Ethylbenzene	BRL		ug/Kg	280
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	280

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-2/ECS-1 (2')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-3**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-12-11 12:40**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Analyzed:	**05-19-11 10:24**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**91**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	280
100-42-5	Styrene	BRL		ug/Kg	280
75-25-2	Bromoform	BRL		ug/Kg	280
98-82-8	Isopropylbenzene	BRL		ug/Kg	280
108-86-1	Bromobenzene	BRL		ug/Kg	280
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	280
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	280
110-57-6	*trans*-1,4-Dichloro-2-butene	BRL		ug/Kg	2,800
103-65-1	*n*-Propylbenzene	BRL		ug/Kg	280
95-49-8	2-Chlorotoluene	BRL		ug/Kg	280
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	280
106-43-4	4-Chlorotoluene	BRL		ug/Kg	280
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	280
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	280
135-98-8	*sec*-Butylbenzene	BRL		ug/Kg	280
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	280
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	280
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	280
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	280
104-51-8	*n*-Butylbenzene	BRL		ug/Kg	280
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	280
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	280
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	280
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	280
91-20-3	Naphthalene	BRL		ug/Kg	280
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	280
75-65-0	*tert*-Butyl Alcohol (TBA)	BRL		ug/Kg	11,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	280
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	280
994-05-8	*tert*-Amyl Methyl Ether (TAME)	BRL		ug/Kg	280

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,300	**93** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	1,900	**77** %	70 - 130 %
Toluene-d_8	2,500	2,700	**108** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,800	**111** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-2/ECS-1 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-4**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-13-11 08:55**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**17 g**
Analyzed:	**05-19-11 10:58**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**88**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	510
74-87-3	Chloromethane	BRL		ug/Kg	510
75-01-4	Vinyl Chloride	BRL		ug/Kg	510
74-83-9	Bromomethane	BRL		ug/Kg	510
75-00-3	Chloroethane	BRL		ug/Kg	510
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	510
60-29-7	Diethyl Ether	BRL		ug/Kg	510
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	260
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	2,600
67-64-1	Acetone	BRL		ug/Kg	2,600
75-15-0	Carbon Disulfide	BRL		ug/Kg	2,600
75-09-2	Methylene Chloride	BRL		ug/Kg	1,000
107-13-1	Acrylonitrile	BRL		ug/Kg	260
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	260
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	260
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	260
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	260
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	260
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	2,600
74-97-5	Bromochloromethane	BRL		ug/Kg	260
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	2,600
67-66-3	Chloroform	BRL		ug/Kg	260
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	260
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	260
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	260
71-43-2	Benzene	BRL		ug/Kg	260
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	260
79-01-6	Trichloroethene	BRL		ug/Kg	260
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	260
74-95-3	Dibromomethane	BRL		ug/Kg	260
75-27-4	Bromodichloromethane	BRL		ug/Kg	260
123-91-1	1,4-Dioxane	BRL		ug/Kg	260,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	260
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	2,600
108-88-3	Toluene	BRL		ug/Kg	260
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	260
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	260
127-18-4	Tetrachloroethene	BRL		ug/Kg	260
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	260
591-78-6	2-Hexanone	BRL		ug/Kg	2,600
124-48-1	Dibromochloromethane	BRL		ug/Kg	260
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	260
108-90-7	Chlorobenzene	BRL		ug/Kg	260
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	260
100-41-4	Ethylbenzene	BRL		ug/Kg	260
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	260

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-2/ECS-1 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-4**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-13-11 08:55**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**17 g**
Analyzed:	**05-19-11 10:58**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**88**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	260
100-42-5	Styrene	BRL		ug/Kg	260
75-25-2	Bromoform	BRL		ug/Kg	260
98-82-8	Isopropylbenzene	BRL		ug/Kg	260
108-86-1	Bromobenzene	BRL		ug/Kg	260
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	260
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	260
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	2,600
103-65-1	*n* -Propylbenzene	BRL		ug/Kg	260
95-49-8	2-Chlorotoluene	BRL		ug/Kg	260
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	260
106-43-4	4-Chlorotoluene	BRL		ug/Kg	260
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	260
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	260
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	260
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	260
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	260
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	260
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	260
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	260
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	260
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	260
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	260
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	260
91-20-3	Naphthalene	BRL		ug/Kg	260
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	260
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	10,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	260
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	260
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	260

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,200	**90** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,000	**80** %	70 - 130 %
Toluene-d_8	2,500	2,600	**105** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,800	**111** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-3/ECS-2 (4')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-5**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-12-11 09:40**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**14 g**
Analyzed:	**05-19-11 11:31**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**84**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	650
74-87-3	Chloromethane	BRL		ug/Kg	650
75-01-4	Vinyl Chloride	BRL		ug/Kg	650
74-83-9	Bromomethane	BRL		ug/Kg	650
75-00-3	Chloroethane	BRL		ug/Kg	650
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	650
60-29-7	Diethyl Ether	BRL		ug/Kg	650
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	330
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	3,300
67-64-1	Acetone	BRL		ug/Kg	3,300
75-15-0	Carbon Disulfide	BRL		ug/Kg	3,300
75-09-2	Methylene Chloride	BRL		ug/Kg	1,300
107-13-1	Acrylonitrile	BRL		ug/Kg	330
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	330
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	330
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	330
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	330
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	330
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	3,300
74-97-5	Bromochloromethane	BRL		ug/Kg	330
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	3,300
67-66-3	Chloroform	BRL		ug/Kg	330
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	330
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	330
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	330
71-43-2	Benzene	BRL		ug/Kg	330
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	330
79-01-6	Trichloroethene	BRL		ug/Kg	330
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	330
74-95-3	Dibromomethane	BRL		ug/Kg	330
75-27-4	Bromodichloromethane	BRL		ug/Kg	330
123-91-1	1,4-Dioxane	BRL		ug/Kg	330,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	330
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	3,300
108-88-3	Toluene	BRL		ug/Kg	330
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	330
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	330
127-18-4	Tetrachloroethene	BRL		ug/Kg	330
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	330
591-78-6	2-Hexanone	BRL		ug/Kg	3,300
124-48-1	Dibromochloromethane	BRL		ug/Kg	330
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	330
108-90-7	Chlorobenzene	BRL		ug/Kg	330
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	330
100-41-4	Ethylbenzene	BRL		ug/Kg	330
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	330

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-3/ECS-2 (4')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-5**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-12-11 09:40**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**14 g**
Analyzed:	**05-19-11 11:31**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**84**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	330
100-42-5	Styrene	BRL		ug/Kg	330
75-25-2	Bromoform	BRL		ug/Kg	330
98-82-8	Isopropylbenzene	BRL		ug/Kg	330
108-86-1	Bromobenzene	BRL		ug/Kg	330
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	330
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	330
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	3,300
103-65-1	*n* -Propylbenzene	BRL		ug/Kg	330
95-49-8	2-Chlorotoluene	BRL		ug/Kg	330
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	330
106-43-4	4-Chlorotoluene	BRL		ug/Kg	330
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	330
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	330
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	330
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	330
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	330
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	330
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	330
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	330
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	330
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	330
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	330
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	330
91-20-3	Naphthalene	BRL		ug/Kg	330
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	330
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	13,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	330
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	330
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	330

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,300	**92** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,000	**82** %	70 - 130 %
Toluene-d_8	2,500	2,700	**107** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,800	**111** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-3/ECS-2 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-6**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-13-11 10:10**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Analyzed:	**05-19-11 12:05**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**84**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	550
74-87-3	Chloromethane	BRL		ug/Kg	550
75-01-4	Vinyl Chloride	BRL		ug/Kg	550
74-83-9	Bromomethane	BRL		ug/Kg	550
75-00-3	Chloroethane	BRL		ug/Kg	550
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	550
60-29-7	Diethyl Ether	BRL		ug/Kg	550
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	270
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	2,700
67-64-1	Acetone	BRL		ug/Kg	2,700
75-15-0	Carbon Disulfide	BRL		ug/Kg	2,700
75-09-2	Methylene Chloride	BRL		ug/Kg	1,100
107-13-1	Acrylonitrile	BRL		ug/Kg	270
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	270
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	270
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	270
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	270
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	270
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	2,700
74-97-5	Bromochloromethane	BRL		ug/Kg	270
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	2,700
67-66-3	Chloroform	BRL		ug/Kg	270
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	270
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	270
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	270
71-43-2	Benzene	BRL		ug/Kg	270
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	270
79-01-6	Trichloroethene	BRL		ug/Kg	270
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	270
74-95-3	Dibromomethane	BRL		ug/Kg	270
75-27-4	Bromodichloromethane	BRL		ug/Kg	270
123-91-1	1,4-Dioxane	BRL		ug/Kg	270,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	270
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	2,700
108-88-3	Toluene	BRL		ug/Kg	270
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	270
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	270
127-18-4	Tetrachloroethene	BRL		ug/Kg	270
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	270
591-78-6	2-Hexanone	BRL		ug/Kg	2,700
124-48-1	Dibromochloromethane	BRL		ug/Kg	270
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	270
108-90-7	Chlorobenzene	BRL		ug/Kg	270
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	270
100-41-4	Ethylbenzene	BRL		ug/Kg	270
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	270

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-3/ECS-2 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-6**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-13-11 10:10**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Analyzed:	**05-19-11 12:05**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**84**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	270
100-42-5	Styrene	BRL		ug/Kg	270
75-25-2	Bromoform	BRL		ug/Kg	270
98-82-8	Isopropylbenzene	BRL		ug/Kg	270
108-86-1	Bromobenzene	BRL		ug/Kg	270
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	270
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	270
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	2,700
103-65-1	*n* -Propylbenzene	**340**		ug/Kg	270
95-49-8	2-Chlorotoluene	BRL		ug/Kg	270
108-67-8	1,3,5-Trimethylbenzene	**540**		ug/Kg	270
106-43-4	4-Chlorotoluene	BRL		ug/Kg	270
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	270
95-63-6	1,2,4-Trimethylbenzene	**1,800**		ug/Kg	270
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	270
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	270
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	270
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	270
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	270
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	270
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	270
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	270
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	270
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	270
91-20-3	Naphthalene	**370**		ug/Kg	270
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	270
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	11,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	270
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	270
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	270

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,300	**92** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,000	**81** %	70 - 130 %
Toluene-d_8	2,500	2,600	**105** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,900	**114** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-4 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-7**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-16-11 10:50**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**17 g**
Analyzed:	**05-19-11 12:38**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**89**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	500
74-87-3	Chloromethane	BRL		ug/Kg	500
75-01-4	Vinyl Chloride	BRL		ug/Kg	500
74-83-9	Bromomethane	BRL		ug/Kg	500
75-00-3	Chloroethane	BRL		ug/Kg	500
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	500
60-29-7	Diethyl Ether	BRL		ug/Kg	500
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	250
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	2,500
67-64-1	Acetone	BRL		ug/Kg	2,500
75-15-0	Carbon Disulfide	BRL		ug/Kg	2,500
75-09-2	Methylene Chloride	BRL		ug/Kg	1,000
107-13-1	Acrylonitrile	BRL		ug/Kg	250
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	250
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	250
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	250
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	250
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	250
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	2,500
74-97-5	Bromochloromethane	BRL		ug/Kg	250
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	2,500
67-66-3	Chloroform	BRL		ug/Kg	250
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	250
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	250
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	250
71-43-2	Benzene	BRL		ug/Kg	250
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	250
79-01-6	Trichloroethene	BRL		ug/Kg	250
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	250
74-95-3	Dibromomethane	BRL		ug/Kg	250
75-27-4	Bromodichloromethane	BRL		ug/Kg	250
123-91-1	1,4-Dioxane	BRL		ug/Kg	250,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	250
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	2,500
108-88-3	Toluene	BRL		ug/Kg	250
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	250
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	250
127-18-4	Tetrachloroethene	BRL		ug/Kg	250
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	250
591-78-6	2-Hexanone	BRL		ug/Kg	2,500
124-48-1	Dibromochloromethane	BRL		ug/Kg	250
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	250
108-90-7	Chlorobenzene	BRL		ug/Kg	250
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	250
100-41-4	Ethylbenzene	**270**		ug/Kg	250
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	**660**		ug/Kg	250

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-4 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-7**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-16-11 10:50**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**17 g**
Analyzed:	**05-19-11 12:38**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**89**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	**290**		ug/Kg	250
100-42-5	Styrene	BRL		ug/Kg	250
75-25-2	Bromoform	BRL		ug/Kg	250
98-82-8	Isopropylbenzene	BRL		ug/Kg	250
108-86-1	Bromobenzene	BRL		ug/Kg	250
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	250
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	250
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	2,500
103-65-1	*n* -Propylbenzene	BRL		ug/Kg	250
95-49-8	2-Chlorotoluene	BRL		ug/Kg	250
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	250
106-43-4	4-Chlorotoluene	BRL		ug/Kg	250
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	250
95-63-6	1,2,4-Trimethylbenzene	**740**		ug/Kg	250
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	250
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	250
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	250
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	250
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	250
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	250
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	250
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	250
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	250
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	250
91-20-3	Naphthalene	**300**		ug/Kg	250
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	250
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	10,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	250
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	250
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	250

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,300	**92** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,000	**80** %	70 - 130 %
Toluene-d_8	2,500	2,700	**108** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,700	**110** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-5 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-8**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-16-11 12:35**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Analyzed:	**05-19-11 13:12**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**75**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	620
74-87-3	Chloromethane	BRL		ug/Kg	620
75-01-4	Vinyl Chloride	BRL		ug/Kg	620
74-83-9	Bromomethane	BRL		ug/Kg	620
75-00-3	Chloroethane	BRL		ug/Kg	620
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	620
60-29-7	Diethyl Ether	BRL		ug/Kg	620
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	310
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	3,100
67-64-1	Acetone	BRL		ug/Kg	3,100
75-15-0	Carbon Disulfide	BRL		ug/Kg	3,100
75-09-2	Methylene Chloride	BRL		ug/Kg	1,200
107-13-1	Acrylonitrile	BRL		ug/Kg	310
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	310
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	310
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	310
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	310
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	310
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	3,100
74-97-5	Bromochloromethane	BRL		ug/Kg	310
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	3,100
67-66-3	Chloroform	BRL		ug/Kg	310
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	310
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	310
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	310
71-43-2	Benzene	BRL		ug/Kg	310
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	310
79-01-6	Trichloroethene	BRL		ug/Kg	310
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	310
74-95-3	Dibromomethane	BRL		ug/Kg	310
75-27-4	Bromodichloromethane	BRL		ug/Kg	310
123-91-1	1,4-Dioxane	BRL		ug/Kg	310,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	310
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	3,100
108-88-3	Toluene	BRL		ug/Kg	310
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	310
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	310
127-18-4	Tetrachloroethene	BRL		ug/Kg	310
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	310
591-78-6	2-Hexanone	BRL		ug/Kg	3,100
124-48-1	Dibromochloromethane	BRL		ug/Kg	310
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	310
108-90-7	Chlorobenzene	BRL		ug/Kg	310
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	310
100-41-4	Ethylbenzene	**540**		ug/Kg	310
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	**1,500**		ug/Kg	310

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-5 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-8**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-16-11 12:35**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Analyzed:	**05-19-11 13:12**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**75**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	**500**		ug/Kg	310
100-42-5	Styrene	BRL		ug/Kg	310
75-25-2	Bromoform	BRL		ug/Kg	310
98-82-8	Isopropylbenzene	BRL		ug/Kg	310
108-86-1	Bromobenzene	BRL		ug/Kg	310
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	310
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	310
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	3,100
103-65-1	*n* -Propylbenzene	BRL		ug/Kg	310
95-49-8	2-Chlorotoluene	BRL		ug/Kg	310
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	310
106-43-4	4-Chlorotoluene	BRL		ug/Kg	310
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	310
95-63-6	1,2,4-Trimethylbenzene	**830**		ug/Kg	310
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	310
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	310
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	310
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	310
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	310
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	310
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	310
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	310
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	310
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	310
91-20-3	Naphthalene	BRL		ug/Kg	310
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	310
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	12,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	310
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	310
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	310

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,300	**92** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,000	**80** %	70 - 130 %
Toluene-d_8	2,500	2,700	**107** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,800	**111** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-6/ECS-4 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-9**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-13-11 13:00**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Analyzed:	**05-19-11 13:45**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**80**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	630
74-87-3	Chloromethane	BRL		ug/Kg	630
75-01-4	Vinyl Chloride	BRL		ug/Kg	630
74-83-9	Bromomethane	BRL		ug/Kg	630
75-00-3	Chloroethane	BRL		ug/Kg	630
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	630
60-29-7	Diethyl Ether	BRL		ug/Kg	630
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	310
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	3,100
67-64-1	Acetone	BRL		ug/Kg	3,100
75-15-0	Carbon Disulfide	BRL		ug/Kg	3,100
75-09-2	Methylene Chloride	BRL		ug/Kg	1,300
107-13-1	Acrylonitrile	BRL		ug/Kg	310
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	310
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	310
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	310
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	310
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	310
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	3,100
74-97-5	Bromochloromethane	BRL		ug/Kg	310
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	3,100
67-66-3	Chloroform	BRL		ug/Kg	310
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	310
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	310
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	310
71-43-2	Benzene	BRL		ug/Kg	310
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	310
79-01-6	Trichloroethene	BRL		ug/Kg	310
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	310
74-95-3	Dibromomethane	BRL		ug/Kg	310
75-27-4	Bromodichloromethane	BRL		ug/Kg	310
123-91-1	1,4-Dioxane	BRL		ug/Kg	310,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	310
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	3,100
108-88-3	Toluene	BRL		ug/Kg	310
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	310
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	310
127-18-4	Tetrachloroethene	BRL		ug/Kg	310
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	310
591-78-6	2-Hexanone	BRL		ug/Kg	3,100
124-48-1	Dibromochloromethane	BRL		ug/Kg	310
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	310
108-90-7	Chlorobenzene	BRL		ug/Kg	310
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	310
100-41-4	Ethylbenzene	BRL		ug/Kg	310
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	310

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-6/ECS-4 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-9**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-13-11 13:00**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Analyzed:	**05-19-11 13:45**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**80**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	310
100-42-5	Styrene	BRL		ug/Kg	310
75-25-2	Bromoform	BRL		ug/Kg	310
98-82-8	Isopropylbenzene	BRL		ug/Kg	310
108-86-1	Bromobenzene	BRL		ug/Kg	310
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	310
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	310
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	3,100
103-65-1	*n* -Propylbenzene	BRL		ug/Kg	310
95-49-8	2-Chlorotoluene	BRL		ug/Kg	310
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	310
106-43-4	4-Chlorotoluene	BRL		ug/Kg	310
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	310
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	310
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	310
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	310
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	310
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	310
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	310
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	310
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	310
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	310
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	310
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	310
91-20-3	Naphthalene	BRL		ug/Kg	310
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	310
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	13,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	310
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	310
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	310

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,300	**92** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,100	**85** %	70 - 130 %
Toluene-d_8	2,500	2,700	**108** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,700	**110** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-7/ECS-3 (4')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-10**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-13-11 15:10**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Analyzed:	**05-19-11 14:19**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**89**
		Dilution Factor:	**20**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	11,000
74-87-3	Chloromethane	BRL		ug/Kg	11,000
75-01-4	Vinyl Chloride	BRL		ug/Kg	11,000
74-83-9	Bromomethane	BRL		ug/Kg	11,000
75-00-3	Chloroethane	BRL		ug/Kg	11,000
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	11,000
60-29-7	Diethyl Ether	BRL		ug/Kg	11,000
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	5,300
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	53,000
67-64-1	Acetone	BRL		ug/Kg	53,000
75-15-0	Carbon Disulfide	BRL		ug/Kg	53,000
75-09-2	Methylene Chloride	BRL		ug/Kg	21,000
107-13-1	Acrylonitrile	BRL		ug/Kg	5,300
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	5,300
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	5,300
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	5,300
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	5,300
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	5,300
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	53,000
74-97-5	Bromochloromethane	BRL		ug/Kg	5,300
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	53,000
67-66-3	Chloroform	BRL		ug/Kg	5,300
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	5,300
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	5,300
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	5,300
71-43-2	Benzene	BRL		ug/Kg	5,300
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	5,300
79-01-6	Trichloroethene	BRL		ug/Kg	5,300
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	5,300
74-95-3	Dibromomethane	BRL		ug/Kg	5,300
75-27-4	Bromodichloromethane	BRL		ug/Kg	5,300
123-91-1	1,4-Dioxane	BRL		ug/Kg	5,300,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	5,300
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	53,000
108-88-3	Toluene	BRL		ug/Kg	5,300
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	5,300
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	5,300
127-18-4	Tetrachloroethene	BRL		ug/Kg	5,300
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	5,300
591-78-6	2-Hexanone	BRL		ug/Kg	53,000
124-48-1	Dibromochloromethane	BRL		ug/Kg	5,300
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	5,300
108-90-7	Chlorobenzene	BRL		ug/Kg	5,300
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	5,300
100-41-4	Ethylbenzene	**21,000**		ug/Kg	5,300
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	**50,000**		ug/Kg	5,300

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-7/ECS-3 (4')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-10**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-13-11 15:10**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Analyzed:	**05-19-11 14:19**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**89**
		Dilution Factor:	**20**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	5,300
100-42-5	Styrene	BRL		ug/Kg	5,300
75-25-2	Bromoform	BRL		ug/Kg	5,300
98-82-8	Isopropylbenzene	BRL		ug/Kg	5,300
108-86-1	Bromobenzene	BRL		ug/Kg	5,300
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	5,300
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	5,300
110-57-6	*trans*-1,4-Dichloro-2-butene	BRL		ug/Kg	53,000
103-65-1	*n*-Propylbenzene	**17,000**		ug/Kg	5,300
95-49-8	2-Chlorotoluene	BRL		ug/Kg	5,300
108-67-8	1,3,5-Trimethylbenzene	**32,000**		ug/Kg	5,300
106-43-4	4-Chlorotoluene	BRL		ug/Kg	5,300
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	5,300
95-63-6	1,2,4-Trimethylbenzene	**95,000**		ug/Kg	5,300
135-98-8	*sec*-Butylbenzene	BRL		ug/Kg	5,300
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	5,300
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	5,300
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	5,300
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	5,300
104-51-8	*n*-Butylbenzene	BRL		ug/Kg	5,300
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	5,300
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	5,300
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	5,300
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	5,300
91-20-3	Naphthalene	**12,000**		ug/Kg	5,300
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	5,300
75-65-0	*tert*-Butyl Alcohol (TBA)	BRL		ug/Kg	210,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	5,300
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	5,300
994-05-8	*tert*-Amyl Methyl Ether (TAME)	BRL		ug/Kg	5,300

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,400	**98** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,100	**83** %	70 - 130 %
Toluene-d_8	2,500	2,700	**109** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,800	**111** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-7/ECS-3 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-11**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-13-11 11:20**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Analyzed:	**05-19-11 14:52**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**88**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	540
74-87-3	Chloromethane	BRL		ug/Kg	540
75-01-4	Vinyl Chloride	BRL		ug/Kg	540
74-83-9	Bromomethane	BRL		ug/Kg	540
75-00-3	Chloroethane	BRL		ug/Kg	540
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	540
60-29-7	Diethyl Ether	BRL		ug/Kg	540
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	270
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	2,700
67-64-1	Acetone	BRL		ug/Kg	2,700
75-15-0	Carbon Disulfide	BRL		ug/Kg	2,700
75-09-2	Methylene Chloride	BRL		ug/Kg	1,100
107-13-1	Acrylonitrile	BRL		ug/Kg	270
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	270
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	270
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	270
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	270
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	270
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	2,700
74-97-5	Bromochloromethane	BRL		ug/Kg	270
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	2,700
67-66-3	Chloroform	BRL		ug/Kg	270
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	270
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	270
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	270
71-43-2	Benzene	BRL		ug/Kg	270
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	270
79-01-6	Trichloroethene	BRL		ug/Kg	270
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	270
74-95-3	Dibromomethane	BRL		ug/Kg	270
75-27-4	Bromodichloromethane	BRL		ug/Kg	270
123-91-1	1,4-Dioxane	BRL		ug/Kg	270,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	270
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	2,700
108-88-3	Toluene	BRL		ug/Kg	270
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	270
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	270
127-18-4	Tetrachloroethene	BRL		ug/Kg	270
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	270
591-78-6	2-Hexanone	BRL		ug/Kg	2,700
124-48-1	Dibromochloromethane	BRL		ug/Kg	270
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	270
108-90-7	Chlorobenzene	BRL		ug/Kg	270
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	270
100-41-4	Ethylbenzene	BRL		ug/Kg	270
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	270

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-7/ECS-3 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-11**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-13-11 11:20**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Analyzed:	**05-19-11 14:52**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**88**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	270
100-42-5	Styrene	BRL		ug/Kg	270
75-25-2	Bromoform	BRL		ug/Kg	270
98-82-8	Isopropylbenzene	BRL		ug/Kg	270
108-86-1	Bromobenzene	BRL		ug/Kg	270
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	270
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	270
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	2,700
103-65-1	*n* -Propylbenzene	BRL		ug/Kg	270
95-49-8	2-Chlorotoluene	BRL		ug/Kg	270
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	270
106-43-4	4-Chlorotoluene	BRL		ug/Kg	270
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	270
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	270
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	270
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	270
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	270
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	270
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	270
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	270
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	270
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	270
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	270
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	270
91-20-3	Naphthalene	BRL		ug/Kg	270
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	270
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	11,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	270
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	270
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	270

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,300	**93** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,100	**83** %	70 - 130 %
Toluene-d_8	2,500	2,700	**108** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,700	**109** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-8 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-12**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-16-11 11:50**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**17 g**
Analyzed:	**05-19-11 15:26**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**92**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	500
74-87-3	Chloromethane	BRL		ug/Kg	500
75-01-4	Vinyl Chloride	BRL		ug/Kg	500
74-83-9	Bromomethane	BRL		ug/Kg	500
75-00-3	Chloroethane	BRL		ug/Kg	500
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	500
60-29-7	Diethyl Ether	BRL		ug/Kg	500
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	250
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	2,500
67-64-1	Acetone	BRL		ug/Kg	2,500
75-15-0	Carbon Disulfide	BRL		ug/Kg	2,500
75-09-2	Methylene Chloride	BRL		ug/Kg	1,000
107-13-1	Acrylonitrile	BRL		ug/Kg	250
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	250
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	250
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	250
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	250
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	250
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	2,500
74-97-5	Bromochloromethane	BRL		ug/Kg	250
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	2,500
67-66-3	Chloroform	BRL		ug/Kg	250
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	250
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	250
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	250
71-43-2	Benzene	BRL		ug/Kg	250
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	250
79-01-6	Trichloroethene	BRL		ug/Kg	250
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	250
74-95-3	Dibromomethane	BRL		ug/Kg	250
75-27-4	Bromodichloromethane	BRL		ug/Kg	250
123-91-1	1,4-Dioxane	BRL		ug/Kg	250,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	250
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	2,500
108-88-3	Toluene	BRL		ug/Kg	250
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	250
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	250
127-18-4	Tetrachloroethene	BRL		ug/Kg	250
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	250
591-78-6	2-Hexanone	BRL		ug/Kg	2,500
124-48-1	Dibromochloromethane	BRL		ug/Kg	250
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	250
108-90-7	Chlorobenzene	BRL		ug/Kg	250
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	250
100-41-4	Ethylbenzene	BRL		ug/Kg	250
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	250

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-8 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-12**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-16-11 11:50**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**17 g**
Analyzed:	**05-19-11 15:26**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**92**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	250
100-42-5	Styrene	BRL		ug/Kg	250
75-25-2	Bromoform	BRL		ug/Kg	250
98-82-8	Isopropylbenzene	BRL		ug/Kg	250
108-86-1	Bromobenzene	BRL		ug/Kg	250
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	250
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	250
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	2,500
103-65-1	*n* -Propylbenzene	BRL		ug/Kg	250
95-49-8	2-Chlorotoluene	BRL		ug/Kg	250
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	250
106-43-4	4-Chlorotoluene	BRL		ug/Kg	250
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	250
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	250
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	250
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	250
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	250
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	250
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	250
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	250
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	250
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	250
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	250
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	250
91-20-3	Naphthalene	BRL		ug/Kg	250
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	250
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	10,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	250
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	250
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	250

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,400	**95** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,000	**78** %	70 - 130 %
Toluene-d_8	2,500	2,700	**110** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,800	**110** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-8 (10-12')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-13**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-16-11 12:10**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**14 g**
Analyzed:	**05-19-11 15:59**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**89**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	590
74-87-3	Chloromethane	BRL		ug/Kg	590
75-01-4	Vinyl Chloride	BRL		ug/Kg	590
74-83-9	Bromomethane	BRL		ug/Kg	590
75-00-3	Chloroethane	BRL		ug/Kg	590
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	590
60-29-7	Diethyl Ether	BRL		ug/Kg	590
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	300
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	3,000
67-64-1	Acetone	BRL		ug/Kg	3,000
75-15-0	Carbon Disulfide	BRL		ug/Kg	3,000
75-09-2	Methylene Chloride	BRL		ug/Kg	1,200
107-13-1	Acrylonitrile	BRL		ug/Kg	300
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	300
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	300
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	300
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	300
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	300
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	3,000
74-97-5	Bromochloromethane	BRL		ug/Kg	300
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	3,000
67-66-3	Chloroform	BRL		ug/Kg	300
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	300
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	300
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	300
71-43-2	Benzene	BRL		ug/Kg	300
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	300
79-01-6	Trichloroethene	BRL		ug/Kg	300
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	300
74-95-3	Dibromomethane	BRL		ug/Kg	300
75-27-4	Bromodichloromethane	BRL		ug/Kg	300
123-91-1	1,4-Dioxane	BRL		ug/Kg	300,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	300
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	3,000
108-88-3	Toluene	BRL		ug/Kg	300
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	300
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	300
127-18-4	Tetrachloroethene	BRL		ug/Kg	300
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	300
591-78-6	2-Hexanone	BRL		ug/Kg	3,000
124-48-1	Dibromochloromethane	BRL		ug/Kg	300
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	300
108-90-7	Chlorobenzene	BRL		ug/Kg	300
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	300
100-41-4	Ethylbenzene	BRL		ug/Kg	300
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	300

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-8 (10-12')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-13**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-16-11 12:10**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**14 g**
Analyzed:	**05-19-11 15:59**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**89**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	300
100-42-5	Styrene	BRL		ug/Kg	300
75-25-2	Bromoform	BRL		ug/Kg	300
98-82-8	Isopropylbenzene	BRL		ug/Kg	300
108-86-1	Bromobenzene	BRL		ug/Kg	300
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	300
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	300
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	3,000
103-65-1	*n* -Propylbenzene	BRL		ug/Kg	300
95-49-8	2-Chlorotoluene	BRL		ug/Kg	300
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	300
106-43-4	4-Chlorotoluene	BRL		ug/Kg	300
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	300
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	300
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	300
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	300
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	300
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	300
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	300
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	300
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	300
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	300
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	300
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	300
91-20-3	Naphthalene	BRL		ug/Kg	300
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	300
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	12,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	300
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	300
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	300

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,300	**92** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,000	**81** %	70 - 130 %
Toluene-d_8	2,500	2,700	**108** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,800	**110** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-9 (2')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-14**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-12-11 13:45**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**14 g**
Analyzed:	**05-19-11 16:33**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**92**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	560
74-87-3	Chloromethane	BRL		ug/Kg	560
75-01-4	Vinyl Chloride	BRL		ug/Kg	560
74-83-9	Bromomethane	BRL		ug/Kg	560
75-00-3	Chloroethane	BRL		ug/Kg	560
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	560
60-29-7	Diethyl Ether	BRL		ug/Kg	560
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	280
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	2,800
67-64-1	Acetone	BRL		ug/Kg	2,800
75-15-0	Carbon Disulfide	BRL		ug/Kg	2,800
75-09-2	Methylene Chloride	BRL		ug/Kg	1,100
107-13-1	Acrylonitrile	BRL		ug/Kg	280
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	280
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	280
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	280
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	280
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	280
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	2,800
74-97-5	Bromochloromethane	BRL		ug/Kg	280
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	2,800
67-66-3	Chloroform	BRL		ug/Kg	280
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	280
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	280
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	280
71-43-2	Benzene	BRL		ug/Kg	280
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	280
79-01-6	Trichloroethene	BRL		ug/Kg	280
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	280
74-95-3	Dibromomethane	BRL		ug/Kg	280
75-27-4	Bromodichloromethane	BRL		ug/Kg	280
123-91-1	1,4-Dioxane	BRL		ug/Kg	280,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	280
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	2,800
108-88-3	Toluene	BRL		ug/Kg	280
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	280
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	280
127-18-4	Tetrachloroethene	BRL		ug/Kg	280
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	280
591-78-6	2-Hexanone	BRL		ug/Kg	2,800
124-48-1	Dibromochloromethane	BRL		ug/Kg	280
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	280
108-90-7	Chlorobenzene	BRL		ug/Kg	280
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	280
100-41-4	Ethylbenzene	BRL		ug/Kg	280
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	280

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-9 (2')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-14**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-12-11 13:45**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**14 g**
Analyzed:	**05-19-11 16:33**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**92**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	280
100-42-5	Styrene	BRL		ug/Kg	280
75-25-2	Bromoform	BRL		ug/Kg	280
98-82-8	Isopropylbenzene	BRL		ug/Kg	280
108-86-1	Bromobenzene	BRL		ug/Kg	280
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	280
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	280
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	2,800
103-65-1	*n* -Propylbenzene	BRL		ug/Kg	280
95-49-8	2-Chlorotoluene	BRL		ug/Kg	280
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	280
106-43-4	4-Chlorotoluene	BRL		ug/Kg	280
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	280
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	280
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	280
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	280
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	280
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	280
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	280
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	280
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	280
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	280
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	280
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	280
91-20-3	Naphthalene	BRL		ug/Kg	280
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	280
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	11,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	280
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	280
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	280

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,300	**93** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,100	**83** %	70 - 130 %
Toluene-d_8	2,500	2,700	**108** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,700	**107** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-9 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-15**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-16-11 08:40**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**19 g**
Analyzed:	**05-19-11 17:06**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**85**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	500
74-87-3	Chloromethane	BRL		ug/Kg	500
75-01-4	Vinyl Chloride	BRL		ug/Kg	500
74-83-9	Bromomethane	BRL		ug/Kg	500
75-00-3	Chloroethane	BRL		ug/Kg	500
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	500
60-29-7	Diethyl Ether	BRL		ug/Kg	500
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	250
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	2,500
67-64-1	Acetone	BRL		ug/Kg	2,500
75-15-0	Carbon Disulfide	BRL		ug/Kg	2,500
75-09-2	Methylene Chloride	BRL		ug/Kg	1,000
107-13-1	Acrylonitrile	BRL		ug/Kg	250
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	250
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	250
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	250
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	250
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	250
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	2,500
74-97-5	Bromochloromethane	BRL		ug/Kg	250
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	2,500
67-66-3	Chloroform	BRL		ug/Kg	250
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	250
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	250
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	250
71-43-2	Benzene	BRL		ug/Kg	250
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	250
79-01-6	Trichloroethene	BRL		ug/Kg	250
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	250
74-95-3	Dibromomethane	BRL		ug/Kg	250
75-27-4	Bromodichloromethane	BRL		ug/Kg	250
123-91-1	1,4-Dioxane	BRL		ug/Kg	250,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	250
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	2,500
108-88-3	Toluene	BRL		ug/Kg	250
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	250
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	250
127-18-4	Tetrachloroethene	BRL		ug/Kg	250
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	250
591-78-6	2-Hexanone	BRL		ug/Kg	2,500
124-48-1	Dibromochloromethane	BRL		ug/Kg	250
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	250
108-90-7	Chlorobenzene	BRL		ug/Kg	250
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	250
100-41-4	Ethylbenzene	BRL		ug/Kg	250
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	250

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-9 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-15**	QC Batch ID:	**VM8-1438-E**
Sampled:	**05-16-11 08:40**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**19 g**
Analyzed:	**05-19-11 17:06**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**85**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	250
100-42-5	Styrene	BRL		ug/Kg	250
75-25-2	Bromoform	BRL		ug/Kg	250
98-82-8	Isopropylbenzene	BRL		ug/Kg	250
108-86-1	Bromobenzene	BRL		ug/Kg	250
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	250
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	250
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	2,500
103-65-1	*n* -Propylbenzene	BRL		ug/Kg	250
95-49-8	2-Chlorotoluene	BRL		ug/Kg	250
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	250
106-43-4	4-Chlorotoluene	BRL		ug/Kg	250
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	250
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	250
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	250
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	250
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	250
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	250
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	250
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	250
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	250
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	250
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	250
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	250
91-20-3	Naphthalene	BRL		ug/Kg	250
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	250
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	10,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	250
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	250
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	250

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,300	**92** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,000	**78** %	70 - 130 %
Toluene-d_8	2,500	2,700	**107** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,700	**109** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-11 (4')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-16**	QC Batch ID:	**VM8-1440-E**
Sampled:	**05-13-11 11:15**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**13 g**
Analyzed:	**05-23-11 12:14**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**84**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	660
74-87-3	Chloromethane	BRL		ug/Kg	660
75-01-4	Vinyl Chloride	BRL		ug/Kg	660
74-83-9	Bromomethane	BRL		ug/Kg	660
75-00-3	Chloroethane	BRL		ug/Kg	660
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	660
60-29-7	Diethyl Ether	BRL		ug/Kg	660
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	330
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	3,300
67-64-1	Acetone	BRL		ug/Kg	3,300
75-15-0	Carbon Disulfide	BRL		ug/Kg	3,300
75-09-2	Methylene Chloride	BRL		ug/Kg	1,300
107-13-1	Acrylonitrile	BRL		ug/Kg	330
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	330
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	330
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	330
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	330
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	330
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	3,300
74-97-5	Bromochloromethane	BRL		ug/Kg	330
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	3,300
67-66-3	Chloroform	BRL		ug/Kg	330
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	330
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	330
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	330
71-43-2	Benzene	BRL		ug/Kg	330
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	330
79-01-6	Trichloroethene	BRL		ug/Kg	330
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	330
74-95-3	Dibromomethane	BRL		ug/Kg	330
75-27-4	Bromodichloromethane	BRL		ug/Kg	330
123-91-1	1,4-Dioxane	BRL		ug/Kg	330,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	330
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	3,300
108-88-3	Toluene	BRL		ug/Kg	330
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	330
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	330
127-18-4	Tetrachloroethene	BRL		ug/Kg	330
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	330
591-78-6	2-Hexanone	BRL		ug/Kg	3,300
124-48-1	Dibromochloromethane	BRL		ug/Kg	330
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	330
108-90-7	Chlorobenzene	BRL		ug/Kg	330
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	330
100-41-4	Ethylbenzene	BRL		ug/Kg	330
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	330

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**SB-11 (4')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-16**	QC Batch ID:	**VM8-1440-E**
Sampled:	**05-13-11 11:15**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**13 g**
Analyzed:	**05-23-11 12:14**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**84**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	330
100-42-5	Styrene	BRL		ug/Kg	330
75-25-2	Bromoform	BRL		ug/Kg	330
98-82-8	Isopropylbenzene	BRL		ug/Kg	330
108-86-1	Bromobenzene	BRL		ug/Kg	330
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	330
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	330
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	3,300
103-65-1	*n* -Propylbenzene	BRL		ug/Kg	330
95-49-8	2-Chlorotoluene	BRL		ug/Kg	330
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	330
106-43-4	4-Chlorotoluene	BRL		ug/Kg	330
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	330
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	330
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	330
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	330
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	330
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	330
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	330
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	330
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	330
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	330
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	330
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	330
91-20-3	Naphthalene	BRL		ug/Kg	330
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	330
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	13,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	330
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	330
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	330

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,400	**97** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,000	**81** %	70 - 130 %
Toluene-d_8	2,500	2,600	**104** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,800	**112** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**Trip Blank**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-17**	QC Batch ID:	**VM8-1440-E**
Sampled:	**05-12-11 07:00**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Analyzed:	**05-23-11 12:48**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**100**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	500
74-87-3	Chloromethane	BRL		ug/Kg	500
75-01-4	Vinyl Chloride	BRL		ug/Kg	500
74-83-9	Bromomethane	BRL		ug/Kg	500
75-00-3	Chloroethane	BRL		ug/Kg	500
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	500
60-29-7	Diethyl Ether	BRL		ug/Kg	500
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	250
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	2,500
67-64-1	Acetone	BRL		ug/Kg	2,500
75-15-0	Carbon Disulfide	BRL		ug/Kg	2,500
75-09-2	Methylene Chloride	BRL		ug/Kg	1,000
107-13-1	Acrylonitrile	BRL		ug/Kg	250
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	250
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	250
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	250
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	250
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	250
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	2,500
74-97-5	Bromochloromethane	BRL		ug/Kg	250
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	2,500
67-66-3	Chloroform	BRL		ug/Kg	250
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	250
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	250
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	250
71-43-2	Benzene	BRL		ug/Kg	250
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	250
79-01-6	Trichloroethene	BRL		ug/Kg	250
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	250
74-95-3	Dibromomethane	BRL		ug/Kg	250
75-27-4	Bromodichloromethane	BRL		ug/Kg	250
123-91-1	1,4-Dioxane	BRL		ug/Kg	250,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	250
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	2,500
108-88-3	Toluene	BRL		ug/Kg	250
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	250
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	250
127-18-4	Tetrachloroethene	BRL		ug/Kg	250
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	250
591-78-6	2-Hexanone	BRL		ug/Kg	2,500
124-48-1	Dibromochloromethane	BRL		ug/Kg	250
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	250
108-90-7	Chlorobenzene	BRL		ug/Kg	250
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	250
100-41-4	Ethylbenzene	BRL		ug/Kg	250
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	250

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**Trip Blank**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Methanol/ Cool**
Laboratory ID:	**141953-17**	QC Batch ID:	**VM8-1440-E**
Sampled:	**05-12-11 07:00**	Instrument ID:	**MS-8 HP 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Analyzed:	**05-23-11 12:48**	Final Volume:	**15 mL**
Analyst:	**LMG**	% Solids:	**100**
		Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/Kg	250
100-42-5	Styrene	BRL		ug/Kg	250
75-25-2	Bromoform	BRL		ug/Kg	250
98-82-8	Isopropylbenzene	BRL		ug/Kg	250
108-86-1	Bromobenzene	BRL		ug/Kg	250
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	250
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	250
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/Kg	2,500
103-65-1	*n* -Propylbenzene	BRL		ug/Kg	250
95-49-8	2-Chlorotoluene	BRL		ug/Kg	250
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	250
106-43-4	4-Chlorotoluene	BRL		ug/Kg	250
98-06-6	*tert*- Butylbenzene	BRL		ug/Kg	250
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	250
135-98-8	*sec* -Butylbenzene	BRL		ug/Kg	250
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	250
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	250
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	250
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	250
104-51-8	*n* -Butylbenzene	BRL		ug/Kg	250
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	250
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	250
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	250
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	250
91-20-3	Naphthalene	BRL		ug/Kg	250
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	250
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/Kg	10,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	250
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/Kg	250
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/Kg	250

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,300	**94** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,000	**80** %	70 - 130 %
Toluene-d_8	2,500	2,600	**104** %	70 - 130 %
4-Bromofluorobenzene	2,500	2,800	**112** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A and EPA Method 5030B. Results are reported on an as received basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Inorganic Chemistry

Field ID: **SB-1 Composite (0-12')** Matrix: **Soil**
Project: **1660 Storrs Rd Mansfield CT/01-216075** Received: **05-17-11 16:40**
Client: **Environmental Compliance Services, Inc.**

Lab ID: **141953-18** Sampled: **05-16-11 13:00** % Solids: **88** Container: **250 mL Amber Glass** Preservation: **Cool**

Analyte	Result	Units	RL	DF	Weight	Analyzed	QC Batch	Method	Inst	Analyst
Corrosivity (as pH)	**7.8**	pH	NA	1	20 g	05-20-11 09:00	PH-1054-S	EPA 9045C	2	DEB
Ignitability (as Flashpoint)	**>165**	°F	70	1	100 g	05-20-11 09:00	FP-1049-S	EPA 1010 Mod	3	DEB
Reactive Cyanide	BRL	mg/Kg	50	1	10 g	05-20-11 09:00	RC-0957-S	SW-846 Chp. 7.3.3	1	DEB
Reactive Sulfide	BRL	mg/Kg	100	1	10 g	05-20-11 09:00	RS-0957-S	SW-846 Chp. 7.3.4	n/a	DEB

Method Reference: Methods for Chemical Analysis of Water and Wastes, US EPA, EPA-600/4-790-020 (Revised 1983), and Methods for the Determination of Inorganic Substances in Environmental Samples, US EPA, EPA/600/R-93/100 (1993), and Standard Methods for the Examination of Water and Wastewater, APHA, Twentieth Edition (1998), and Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Results are reported on a dry weight basis.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

RL Reporting Limit.

DF Dilution Factor.

1 Instrument ID: Milton Roy Spectronic 401

2 Instrument ID: Accumet AR50

3 Instrument ID: Boekel 152800 Flash Point Tester

GROUNDWATER ANALYTICAL

Inorganic Chemistry

Field ID: **SB-3/ECS-2 Composite** Matrix: **Soil**
Project: **1660 Storrs Rd Mansfield CT/01-216075** Received: **05-17-11 16:40**
Client: **Environmental Compliance Services, Inc.**

Lab ID: **141953-20** Sampled: **05-13-11 13:05** % Solids: **88** Container: **250 mL Amber Glass** Preservation: **Cool**

Analyte	Result	Units	RL	DF	Weight	Analyzed	QC Batch	Method	Inst	Analyst
Corrosivity (as pH)	**7.1**	pH	NA	1	20 g	05-20-11 09:00	PH-1054-S	EPA 9045C	2	DEB
Ignitability (as Flashpoint)	**>165**	°F	70	1	100 g	05-20-11 09:00	FP-1049-S	EPA 1010 Mod	3	DEB
Reactive Cyanide	BRL	mg/Kg	50	1	10 g	05-20-11 09:00	RC-0957-S	SW-846 Chp. 7.3.3	1	DEB
Reactive Sulfide	BRL	mg/Kg	100	1	10 g	05-20-11 09:00	RS-0957-S	SW-846 Chp. 7.3.4	n/a	DEB

Method Reference: Methods for Chemical Analysis of Water and Wastes, US EPA, EPA-600/4-790-020 (Revised 1983), and Methods for the Determination of Inorganic Substances in Environmental Samples, US EPA, EPA/600/R-93/100 (1993), and Standard Methods for the Examination of Water and Wastewater, APHA, Twentieth Edition (1998), and Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Results are reported on a dry weight basis.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

RL Reporting Limit.

DF Dilution Factor.

1 Instrument ID: Milton Roy Spectronic 401

2 Instrument ID: Accumet AR50

3 Instrument ID: Boekel 152800 Flash Point Tester

GROUNDWATER ANALYTICAL

Inorganic Chemistry

Field ID: **SB-8 Composite (0-12')** Matrix: **Soil**
Project: **1660 Storrs Rd Mansfield CT/01-216075** Received: **05-17-11 16:40**
Client: **Environmental Compliance Services, Inc.**

Lab ID: **141953-22** Sampled: **05-16-11 13:00** % Solids: **90** Container: **250 mL Amber Glass** Preservation: **Cool**

Analyte	Result	Units	RL	DF	Weight	Analyzed	QC Batch	Method	Inst	Analyst
Corrosivity (as pH)	**7.1**	pH	NA	1	20 g	05-20-11 09:00	PH-1054-S	EPA 9045C	2	DEB
Ignitability (as Flashpoint)	**>165**	°F	70	1	100 g	05-20-11 09:00	FP-1049-S	EPA 1010 Mod	3	DEB
Reactive Cyanide	BRL	mg/Kg	50	1	10 g	05-20-11 09:00	RC-0957-S	SW-846 Chp. 7.3.3	1	DEB
Reactive Sulfide	BRL	mg/Kg	100	1	10 g	05-20-11 09:00	RS-0957-S	SW-846 Chp. 7.3.4	n/a	DEB

Method Reference: Methods for Chemical Analysis of Water and Wastes, US EPA, EPA-600/4-790-020 (Revised 1983), and Methods for the Determination of Inorganic Substances in Environmental Samples, US EPA, EPA/600/R-93/100 (1993), and Standard Methods for the Examination of Water and Wastewater, APHA, Twentieth Edition (1998), and Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Results are reported on a dry weight basis.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

RL Reporting Limit.

DF Dilution Factor.

1 Instrument ID: Milton Roy Spectronic 401

2 Instrument ID: Accumet AR50

3 Instrument ID: Boekel 152800 Flash Point Tester

GROUNDWATER ANALYTICAL

Inorganic Chemistry

Field ID: **SB-9 Composite** Matrix: **Soil**
Project: **1660 Storrs Rd Mansfield CT/01-216075** Received: **05-17-11 16:40**
Client: **Environmental Compliance Services, Inc.**

Lab ID: **141953-24** Sampled: **05-16-11 09:50** % Solids: **90** Container: **250 mL Glass** Preservation: **Cool**

Analyte	Result	Units	RL	DF	Weight	Analyzed	QC Batch	Method	Inst	Analyst
Corrosivity (as pH)	**7.0**	pH	NA	1	20 g	05-20-11 09:00	PH-1054-S	EPA 9045C	2	DEB
Ignitability (as Flashpoint)	**>165**	°F	70	1	100 g	05-20-11 09:00	FP-1049-S	EPA 1010 Mod	3	DEB
Reactive Cyanide	BRL	mg/Kg	50	1	10 g	05-20-11 09:00	RC-0957-S	SW-846 Chp. 7.3.3	1	DEB
Reactive Sulfide	BRL	mg/Kg	100	1	10 g	05-20-11 09:00	RS-0957-S	SW-846 Chp. 7.3.4	n/a	DEB

Method Reference: Methods for Chemical Analysis of Water and Wastes, US EPA, EPA-600/4-790-020 (Revised 1983), and Methods for the Determination of Inorganic Substances in Environmental Samples, US EPA, EPA/600/R-93/100 (1993), and Standard Methods for the Examination of Water and Wastewater, APHA, Twentieth Edition (1998), and Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Results are reported on a dry weight basis.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

RL Reporting Limit.

DF Dilution Factor.

1 Instrument ID: Milton Roy Spectronic 401

2 Instrument ID: Accumet AR50

3 Instrument ID: Boekel 152800 Flash Point Tester

GROUNDWATER ANALYTICAL

EPA Method 8270C
Semivolatile Organics by GC/MS

Field ID:	**SB-1 Composite (0-12')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-18**	QC Batch ID:	**SV-2467-P**
Sampled:	**05-16-11 13:00**	Instrument ID:	**MS-12 Agilent 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 16:30**	Final Volume:	**1 mL**
Analyzed:	**05-19-11 17:31**	Percent Solids:	**88**
Analyst:	**MJB**	Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
62-75-9	N-Nitrosodimethylamine	BRL		ug/Kg	370
110-86-1	Pyridine	BRL		ug/Kg	370
108-95-2	Phenol	BRL		ug/Kg	370
62-53-3	Aniline	BRL		ug/Kg	370
111-44-4	Bis(2-chloroethyl) ether	BRL		ug/Kg	370
95-57-8	2-Chlorophenol	BRL		ug/Kg	370
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	370
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	370
100-51-6	Benzyl Alcohol	BRL		ug/Kg	370
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	370
95-48-7	2-Methylphenol	BRL		ug/Kg	370
108-60-1	Bis(2-chloroisopropyl) ether	BRL		ug/Kg	370
108-39-4/106-44-5	3 and 4-Methylphenol *	BRL		ug/Kg	370
621-64-7	N-Nitrosodi-n-propylamine	BRL		ug/Kg	370
98-86-2	Acetophenone	BRL		ug/Kg	370
67-72-1	Hexachloroethane	BRL		ug/Kg	370
98-95-3	Nitrobenzene	BRL		ug/Kg	370
78-59-1	Isophorone	BRL		ug/Kg	370
88-75-5	2-Nitrophenol	BRL		ug/Kg	370
105-67-9	2,4-Dimethylphenol	BRL		ug/Kg	370
111-91-1	Bis(2-chloroethoxy) methane	BRL		ug/Kg	370
120-83-2	2,4-Dichlorophenol	BRL		ug/Kg	370
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	370
91-20-3	Naphthalene	BRL		ug/Kg	370
106-47-8	4-Chloroaniline	BRL		ug/Kg	370
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	370
59-50-7	4-Chloro-3-methylphenol	BRL		ug/Kg	370
91-57-6	2-Methylnaphthalene	BRL		ug/Kg	370
77-47-4	Hexachlorocyclopentadiene	BRL		ug/Kg	370
88-06-2	2,4,6-Trichlorophenol	BRL		ug/Kg	370
95-95-4	2,4,5-Trichlorophenol	BRL		ug/Kg	370
91-58-7	2-Chloronaphthalene	BRL		ug/Kg	370
88-74-4	2-Nitroaniline	BRL		ug/Kg	370
100-25-4	1,4-Dinitrobenzene	BRL		ug/Kg	370
131-11-3	Dimethyl phthalate	BRL		ug/Kg	370
99-65-0	1,3-Dinitrobenzene	BRL		ug/Kg	370
208-96-8	Acenaphthylene	BRL		ug/Kg	370
606-20-2	2,6-Dinitrotoluene	BRL		ug/Kg	370
528-29-0	1,2-Dinitrobenzene	BRL		ug/Kg	370
99-09-2	3-Nitroaniline	BRL		ug/Kg	370
83-32-9	Acenaphthene	BRL		ug/Kg	370
51-28-5	2,4-Dinitrophenol	BRL		ug/Kg	1,500
100-02-7	4-Nitrophenol	BRL		ug/Kg	370
132-64-9	Dibenzofuran	BRL		ug/Kg	370
121-14-2	2,4-Dinitrotoluene	BRL		ug/Kg	370

GROUNDWATER ANALYTICAL

EPA Method 8270C (Continued)
Semivolatile Organics by GC/MS

Field ID:	**SB-1 Composite (0-12')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-18**	QC Batch ID:	**SV-2467-P**
Sampled:	**05-16-11 13:00**	Instrument ID:	**MS-12 Agilent 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 16:30**	Final Volume:	**1 mL**
Analyzed:	**05-19-11 17:31**	Dilution Factor:	**1**
Analyst:	**MJB**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
84-66-2	Diethyl phthalate	BRL		ug/Kg	370
7005-72-3	4-Chlorophenyl phenyl ether	BRL		ug/Kg	370
86-73-7	Fluorene	BRL		ug/Kg	370
100-01-6	4-Nitroaniline	BRL		ug/Kg	370
534-52-1	4,6-Dinitro-2-methylphenol	BRL		ug/Kg	740
86-30-6	N-Nitrosodiphenylamine †	BRL		ug/Kg	370
122-66-7	1,2-Diphenylhydrazine ◊	BRL		ug/Kg	370
101-55-3	4-Bromophenyl phenyl ether	BRL		ug/Kg	370
118-74-1	Hexachlorobenzene	BRL		ug/Kg	370
87-86-5	Pentachlorophenol	BRL		ug/Kg	370
85-01-8	Phenanthrene	BRL		ug/Kg	370
120-12-7	Anthracene	BRL		ug/Kg	370
86-74-8	Carbazole	BRL		ug/Kg	370
84-74-2	Di-*n*-butyl phthalate	BRL		ug/Kg	370
206-44-0	Fluoranthene	BRL		ug/Kg	370
129-00-0	Pyrene	BRL		ug/Kg	370
85-68-7	Butyl benzyl phthalate	BRL		ug/Kg	370
91-94-1	3,3'-Dichlorobenzidine	BRL		ug/Kg	370
56-55-3	Benzo[a]anthracene	BRL		ug/Kg	370
218-01-9	Chrysene	BRL		ug/Kg	370
117-81-7	Bis(2-ethylhexyl) phthalate	BRL		ug/Kg	370
117-84-0	Di-*n*-octyl phthalate	BRL		ug/Kg	370
205-99-2	Benzo[b]fluoranthene	BRL		ug/Kg	370
207-08-9	Benzo[k]fluoranthene	BRL		ug/Kg	370
50-32-8	Benzo[a]pyrene	BRL		ug/Kg	370
193-39-5	Indeno[1,2,3-c,d]pyrene	BRL		ug/Kg	370
53-70-3	Dibenzo[a,h]anthracene	BRL		ug/Kg	370
191-24-2	Benzo[g,h,i]perylene	BRL		ug/Kg	370

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
2-Fluorophenol	15,000	8,000	**54** %	30 - 130 %
Phenol-d5	15,000	8,600	**58** %	30 - 130 %
Nitrobenzene-d5	7,400	5,100	**68** %	30 - 130 %
2-Fluorobiphenyl	7,400	4,400	**60** %	30 - 130 %
2,4,6-Tribromophenol	15,000	9,000	**61** %	30 - 130 %
Terphenyl-d14	7,400	4,200	**57** %	30 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996). Sample extraction performed by EPA Method 3545. Results are reported on a dry weight basis.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

* Analyzed as 4-Methylphenol.

† Reported as sum of N-Nitrosodiphenylamine and Diphenylamine.

◊ Analyzed as Azobenzene.

GROUNDWATER ANALYTICAL

EPA Method 8270C
Semivolatile Organics by GC/MS

Field ID:	**SB-3/ECS-2 Composite**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-20**	QC Batch ID:	**SV-2467-P**
Sampled:	**05-13-11 13:05**	Instrument ID:	**MS-12 Agilent 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 16:30**	Final Volume:	**1 mL**
Analyzed:	**05-19-11 16:02**	Percent Solids:	**88**
Analyst:	**MJB**	Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
62-75-9	N-Nitrosodimethylamine	BRL		ug/Kg	370
110-86-1	Pyridine	BRL		ug/Kg	370
108-95-2	Phenol	BRL		ug/Kg	370
62-53-3	Aniline	BRL		ug/Kg	370
111-44-4	Bis(2-chloroethyl) ether	BRL		ug/Kg	370
95-57-8	2-Chlorophenol	BRL		ug/Kg	370
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	370
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	370
100-51-6	Benzyl Alcohol	BRL		ug/Kg	370
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	370
95-48-7	2-Methylphenol	BRL		ug/Kg	370
108-60-1	Bis(2-chloroisopropyl) ether	BRL		ug/Kg	370
108-39-4/106-44-5	3 and 4-Methylphenol *	BRL		ug/Kg	370
621-64-7	N-Nitrosodi-n-propylamine	BRL		ug/Kg	370
98-86-2	Acetophenone	BRL		ug/Kg	370
67-72-1	Hexachloroethane	BRL		ug/Kg	370
98-95-3	Nitrobenzene	BRL		ug/Kg	370
78-59-1	Isophorone	BRL		ug/Kg	370
88-75-5	2-Nitrophenol	BRL		ug/Kg	370
105-67-9	2,4-Dimethylphenol	BRL		ug/Kg	370
111-91-1	Bis(2-chloroethoxy) methane	BRL		ug/Kg	370
120-83-2	2,4-Dichlorophenol	BRL		ug/Kg	370
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	370
91-20-3	Naphthalene	BRL		ug/Kg	370
106-47-8	4-Chloroaniline	BRL		ug/Kg	370
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	370
59-50-7	4-Chloro-3-methylphenol	BRL		ug/Kg	370
91-57-6	2-Methylnaphthalene	BRL		ug/Kg	370
77-47-4	Hexachlorocyclopentadiene	BRL		ug/Kg	370
88-06-2	2,4,6-Trichlorophenol	BRL		ug/Kg	370
95-95-4	2,4,5-Trichlorophenol	BRL		ug/Kg	370
91-58-7	2-Chloronaphthalene	BRL		ug/Kg	370
88-74-4	2-Nitroaniline	BRL		ug/Kg	370
100-25-4	1,4-Dinitrobenzene	BRL		ug/Kg	370
131-11-3	Dimethyl phthalate	BRL		ug/Kg	370
99-65-0	1,3-Dinitrobenzene	BRL		ug/Kg	370
208-96-8	Acenaphthylene	BRL		ug/Kg	370
606-20-2	2,6-Dinitrotoluene	BRL		ug/Kg	370
528-29-0	1,2-Dinitrobenzene	BRL		ug/Kg	370
99-09-2	3-Nitroaniline	BRL		ug/Kg	370
83-32-9	Acenaphthene	BRL		ug/Kg	370
51-28-5	2,4-Dinitrophenol	BRL		ug/Kg	1,500
100-02-7	4-Nitrophenol	BRL		ug/Kg	370
132-64-9	Dibenzofuran	BRL		ug/Kg	370
121-14-2	2,4-Dinitrotoluene	BRL		ug/Kg	370

GROUNDWATER ANALYTICAL

EPA Method 8270C (Continued)
Semivolatile Organics by GC/MS

Field ID:	**SB-3/ECS-2 Composite**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-20**	QC Batch ID:	**SV-2467-P**
Sampled:	**05-13-11 13:05**	Instrument ID:	**MS-12 Agilent 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 16:30**	Final Volume:	**1 mL**
Analyzed:	**05-19-11 16:02**	Dilution Factor:	**1**
Analyst:	**MJB**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
84-66-2	Diethyl phthalate	BRL		ug/Kg	370
7005-72-3	4-Chlorophenyl phenyl ether	BRL		ug/Kg	370
86-73-7	Fluorene	BRL		ug/Kg	370
100-01-6	4-Nitroaniline	BRL		ug/Kg	370
534-52-1	4,6-Dinitro-2-methylphenol	BRL		ug/Kg	760
86-30-6	N-Nitrosodiphenylamine †	BRL		ug/Kg	370
122-66-7	1,2-Diphenylhydrazine ◊	BRL		ug/Kg	370
101-55-3	4-Bromophenyl phenyl ether	BRL		ug/Kg	370
118-74-1	Hexachlorobenzene	BRL		ug/Kg	370
87-86-5	Pentachlorophenol	BRL		ug/Kg	370
85-01-8	Phenanthrene	BRL		ug/Kg	370
120-12-7	Anthracene	BRL		ug/Kg	370
86-74-8	Carbazole	BRL		ug/Kg	370
84-74-2	Di-*n*-butyl phthalate	BRL		ug/Kg	370
206-44-0	Fluoranthene	BRL		ug/Kg	370
129-00-0	Pyrene	BRL		ug/Kg	370
85-68-7	Butyl benzyl phthalate	BRL		ug/Kg	370
91-94-1	3,3'-Dichlorobenzidine	BRL		ug/Kg	370
56-55-3	Benzo[a]anthracene	BRL		ug/Kg	370
218-01-9	Chrysene	BRL		ug/Kg	370
117-81-7	Bis(2-ethylhexyl) phthalate	BRL		ug/Kg	370
117-84-0	Di-*n*-octyl phthalate	BRL		ug/Kg	370
205-99-2	Benzo[b]fluoranthene	BRL		ug/Kg	370
207-08-9	Benzo[k]fluoranthene	BRL		ug/Kg	370
50-32-8	Benzo[a]pyrene	BRL		ug/Kg	370
193-39-5	Indeno[1,2,3-c,d]pyrene	BRL		ug/Kg	370
53-70-3	Dibenzo[a,h]anthracene	BRL		ug/Kg	370
191-24-2	Benzo[g,h,i]perylene	BRL		ug/Kg	370

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
2-Fluorophenol	15,000	8,000	**53** %	30 - 130 %
Phenol-d5	15,000	8,600	**57** %	30 - 130 %
Nitrobenzene-d5	7,600	5,000	**65** %	30 - 130 %
2-Fluorobiphenyl	7,600	4,400	**58** %	30 - 130 %
2,4,6-Tribromophenol	15,000	8,800	**58** %	30 - 130 %
Terphenyl-d14	7,600	4,200	**55** %	30 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996). Sample extraction performed by EPA Method 3545. Results are reported on a dry weight basis.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

* Analyzed as 4-Methylphenol.

† Reported as sum of N-Nitrosodiphenylamine and Diphenylamine.

◊ Analyzed as Azobenzene.

GROUNDWATER ANALYTICAL

EPA Method 8270C
Semivolatile Organics by GC/MS

Field ID:	**SB-8 Composite (0-12')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-22**	QC Batch ID:	**SV-2467-P**
Sampled:	**05-16-11 13:00**	Instrument ID:	**MS-12 Agilent 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 16:30**	Final Volume:	**1 mL**
Analyzed:	**05-19-11 19:00**	Percent Solids:	**90**
Analyst:	**MJB**	Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
62-75-9	N-Nitrosodimethylamine	BRL		ug/Kg	360
110-86-1	Pyridine	BRL		ug/Kg	360
108-95-2	Phenol	BRL		ug/Kg	360
62-53-3	Aniline	BRL		ug/Kg	360
111-44-4	Bis(2-chloroethyl) ether	BRL		ug/Kg	360
95-57-8	2-Chlorophenol	BRL		ug/Kg	360
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	360
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	360
100-51-6	Benzyl Alcohol	BRL		ug/Kg	360
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	360
95-48-7	2-Methylphenol	BRL		ug/Kg	360
108-60-1	Bis(2-chloroisopropyl) ether	BRL		ug/Kg	360
108-39-4/106-44-5	3 and 4-Methylphenol *	BRL		ug/Kg	360
621-64-7	N-Nitrosodi-n-propylamine	BRL		ug/Kg	360
98-86-2	Acetophenone	BRL		ug/Kg	360
67-72-1	Hexachloroethane	BRL		ug/Kg	360
98-95-3	Nitrobenzene	BRL		ug/Kg	360
78-59-1	Isophorone	BRL		ug/Kg	360
88-75-5	2-Nitrophenol	BRL		ug/Kg	360
105-67-9	2,4-Dimethylphenol	BRL		ug/Kg	360
111-91-1	Bis(2-chloroethoxy) methane	BRL		ug/Kg	360
120-83-2	2,4-Dichlorophenol	BRL		ug/Kg	360
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	360
91-20-3	Naphthalene	BRL		ug/Kg	360
106-47-8	4-Chloroaniline	BRL		ug/Kg	360
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	360
59-50-7	4-Chloro-3-methylphenol	BRL		ug/Kg	360
91-57-6	2-Methylnaphthalene	BRL		ug/Kg	360
77-47-4	Hexachlorocyclopentadiene	BRL		ug/Kg	360
88-06-2	2,4,6-Trichlorophenol	BRL		ug/Kg	360
95-95-4	2,4,5-Trichlorophenol	BRL		ug/Kg	360
91-58-7	2-Chloronaphthalene	BRL		ug/Kg	360
88-74-4	2-Nitroaniline	BRL		ug/Kg	360
100-25-4	1,4-Dinitrobenzene	BRL		ug/Kg	360
131-11-3	Dimethyl phthalate	BRL		ug/Kg	360
99-65-0	1,3-Dinitrobenzene	BRL		ug/Kg	360
208-96-8	Acenaphthylene	BRL		ug/Kg	360
606-20-2	2,6-Dinitrotoluene	BRL		ug/Kg	360
528-29-0	1,2-Dinitrobenzene	BRL		ug/Kg	360
99-09-2	3-Nitroaniline	BRL		ug/Kg	360
83-32-9	Acenaphthene	BRL		ug/Kg	360
51-28-5	2,4-Dinitrophenol	BRL		ug/Kg	1,500
100-02-7	4-Nitrophenol	BRL		ug/Kg	360
132-64-9	Dibenzofuran	BRL		ug/Kg	360
121-14-2	2,4-Dinitrotoluene	BRL		ug/Kg	360

GROUNDWATER ANALYTICAL

EPA Method 8270C (Continued)
Semivolatile Organics by GC/MS

Field ID:	**SB-8 Composite (0-12')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-22**	QC Batch ID:	**SV-2467-P**
Sampled:	**05-16-11 13:00**	Instrument ID:	**MS-12 Agilent 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 16:30**	Final Volume:	**1 mL**
Analyzed:	**05-19-11 19:00**	Dilution Factor:	**1**
Analyst:	**MJB**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
84-66-2	Diethyl phthalate	BRL		ug/Kg	360
7005-72-3	4-Chlorophenyl phenyl ether	BRL		ug/Kg	360
86-73-7	Fluorene	BRL		ug/Kg	360
100-01-6	4-Nitroaniline	BRL		ug/Kg	360
534-52-1	4,6-Dinitro-2-methylphenol	BRL		ug/Kg	740
86-30-6	N-Nitrosodiphenylamine †	BRL		ug/Kg	360
122-66-7	1,2-Diphenylhydrazine ◊	BRL		ug/Kg	360
101-55-3	4-Bromophenyl phenyl ether	BRL		ug/Kg	360
118-74-1	Hexachlorobenzene	BRL		ug/Kg	360
87-86-5	Pentachlorophenol	BRL		ug/Kg	360
85-01-8	Phenanthrene	BRL		ug/Kg	360
120-12-7	Anthracene	BRL		ug/Kg	360
86-74-8	Carbazole	BRL		ug/Kg	360
84-74-2	Di-*n*-butyl phthalate	BRL		ug/Kg	360
206-44-0	Fluoranthene	BRL		ug/Kg	360
129-00-0	Pyrene	BRL		ug/Kg	360
85-68-7	Butyl benzyl phthalate	BRL		ug/Kg	360
91-94-1	3,3'-Dichlorobenzidine	BRL		ug/Kg	360
56-55-3	Benzo[a]anthracene	BRL		ug/Kg	360
218-01-9	Chrysene	BRL		ug/Kg	360
117-81-7	Bis(2-ethylhexyl) phthalate	BRL		ug/Kg	360
117-84-0	Di-*n*-octyl phthalate	BRL		ug/Kg	360
205-99-2	Benzo[b]fluoranthene	BRL		ug/Kg	360
207-08-9	Benzo[k]fluoranthene	BRL		ug/Kg	360
50-32-8	Benzo[a]pyrene	BRL		ug/Kg	360
193-39-5	Indeno[1,2,3-c,d]pyrene	BRL		ug/Kg	360
53-70-3	Dibenzo[a,h]anthracene	BRL		ug/Kg	360
191-24-2	Benzo[g,h,i]perylene	BRL		ug/Kg	360

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
2-Fluorophenol	15,000	8,100	**55** %	30 - 130 %
Phenol-d5	15,000	8,800	**60** %	30 - 130 %
Nitrobenzene-d5	7,400	5,100	**70** %	30 - 130 %
2-Fluorobiphenyl	7,400	4,500	**62** %	30 - 130 %
2,4,6-Tribromophenol	15,000	9,200	**62** %	30 - 130 %
Terphenyl-d14	7,400	4,400	**60** %	30 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996). Sample extraction performed by EPA Method 3545. Results are reported on a dry weight basis.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

* Analyzed as 4-Methylphenol.

† Reported as sum of N-Nitrosodiphenylamine and Diphenylamine.

◊ Analyzed as Azobenzene.

GROUNDWATER ANALYTICAL

EPA Method 8270C
Semivolatile Organics by GC/MS

Field ID:	**SB-9 Composite**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-24**	QC Batch ID:	**SV-2467-P**
Sampled:	**05-16-11 09:50**	Instrument ID:	**MS-12 Agilent 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Extracted:	**05-18-11 16:30**	Final Volume:	**1 mL**
Analyzed:	**05-19-11 19:44**	Percent Solids:	**90**
Analyst:	**MJB**	Dilution Factor:	**1**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
62-75-9	N-Nitrosodimethylamine	BRL		ug/Kg	350
110-86-1	Pyridine	BRL		ug/Kg	350
108-95-2	Phenol	BRL		ug/Kg	350
62-53-3	Aniline	BRL		ug/Kg	350
111-44-4	Bis(2-chloroethyl) ether	BRL		ug/Kg	350
95-57-8	2-Chlorophenol	BRL		ug/Kg	350
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	350
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	350
100-51-6	Benzyl Alcohol	BRL		ug/Kg	350
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	350
95-48-7	2-Methylphenol	BRL		ug/Kg	350
108-60-1	Bis(2-chloroisopropyl) ether	BRL		ug/Kg	350
108-39-4/106-44-5	3 and 4-Methylphenol *	BRL		ug/Kg	350
621-64-7	N-Nitrosodi-n-propylamine	BRL		ug/Kg	350
98-86-2	Acetophenone	BRL		ug/Kg	350
67-72-1	Hexachloroethane	BRL		ug/Kg	350
98-95-3	Nitrobenzene	BRL		ug/Kg	350
78-59-1	Isophorone	BRL		ug/Kg	350
88-75-5	2-Nitrophenol	BRL		ug/Kg	350
105-67-9	2,4-Dimethylphenol	BRL		ug/Kg	350
111-91-1	Bis(2-chloroethoxy) methane	BRL		ug/Kg	350
120-83-2	2,4-Dichlorophenol	BRL		ug/Kg	350
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	350
91-20-3	Naphthalene	BRL		ug/Kg	350
106-47-8	4-Chloroaniline	BRL		ug/Kg	350
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	350
59-50-7	4-Chloro-3-methylphenol	BRL		ug/Kg	350
91-57-6	2-Methylnaphthalene	BRL		ug/Kg	350
77-47-4	Hexachlorocyclopentadiene	BRL		ug/Kg	350
88-06-2	2,4,6-Trichlorophenol	BRL		ug/Kg	350
95-95-4	2,4,5-Trichlorophenol	BRL		ug/Kg	350
91-58-7	2-Chloronaphthalene	BRL		ug/Kg	350
88-74-4	2-Nitroaniline	BRL		ug/Kg	350
100-25-4	1,4-Dinitrobenzene	BRL		ug/Kg	350
131-11-3	Dimethyl phthalate	BRL		ug/Kg	350
99-65-0	1,3-Dinitrobenzene	BRL		ug/Kg	350
208-96-8	Acenaphthylene	BRL		ug/Kg	350
606-20-2	2,6-Dinitrotoluene	BRL		ug/Kg	350
528-29-0	1,2-Dinitrobenzene	BRL		ug/Kg	350
99-09-2	3-Nitroaniline	BRL		ug/Kg	350
83-32-9	Acenaphthene	BRL		ug/Kg	350
51-28-5	2,4-Dinitrophenol	BRL		ug/Kg	1,400
100-02-7	4-Nitrophenol	BRL		ug/Kg	350
132-64-9	Dibenzofuran	BRL		ug/Kg	350
121-14-2	2,4-Dinitrotoluene	BRL		ug/Kg	350

GROUNDWATER ANALYTICAL

EPA Method 8270C (Continued)
Semivolatile Organics by GC/MS

Field ID:	**SB-9 Composite**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-24**	QC Batch ID:	**SV-2467-P**
Sampled:	**05-16-11 09:50**	Instrument ID:	**MS-12 Agilent 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Extracted:	**05-18-11 16:30**	Final Volume:	**1 mL**
Analyzed:	**05-19-11 19:44**	Dilution Factor:	**1**
Analyst:	**MJB**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
84-66-2	Diethyl phthalate	BRL		ug/Kg	350
7005-72-3	4-Chlorophenyl phenyl ether	BRL		ug/Kg	350
86-73-7	Fluorene	BRL		ug/Kg	350
100-01-6	4-Nitroaniline	BRL		ug/Kg	350
534-52-1	4,6-Dinitro-2-methylphenol	BRL		ug/Kg	720
86-30-6	N-Nitrosodiphenylamine †	BRL		ug/Kg	350
122-66-7	1,2-Diphenylhydrazine ◊	BRL		ug/Kg	350
101-55-3	4-Bromophenyl phenyl ether	BRL		ug/Kg	350
118-74-1	Hexachlorobenzene	BRL		ug/Kg	350
87-86-5	Pentachlorophenol	BRL		ug/Kg	350
85-01-8	Phenanthrene	BRL		ug/Kg	350
120-12-7	Anthracene	BRL		ug/Kg	350
86-74-8	Carbazole	BRL		ug/Kg	350
84-74-2	Di-*n*-butyl phthalate	BRL		ug/Kg	350
206-44-0	Fluoranthene	BRL		ug/Kg	350
129-00-0	Pyrene	BRL		ug/Kg	350
85-68-7	Butyl benzyl phthalate	BRL		ug/Kg	350
91-94-1	3,3'-Dichlorobenzidine	BRL		ug/Kg	350
56-55-3	Benzo[a]anthracene	BRL		ug/Kg	350
218-01-9	Chrysene	BRL		ug/Kg	350
117-81-7	Bis(2-ethylhexyl) phthalate	BRL		ug/Kg	350
117-84-0	Di-*n*-octyl phthalate	BRL		ug/Kg	350
205-99-2	Benzo[b]fluoranthene	BRL		ug/Kg	350
207-08-9	Benzo[k]fluoranthene	BRL		ug/Kg	350
50-32-8	Benzo[a]pyrene	BRL		ug/Kg	350
193-39-5	Indeno[1,2,3-c,d]pyrene	BRL		ug/Kg	350
53-70-3	Dibenzo[a,h]anthracene	BRL		ug/Kg	350
191-24-2	Benzo[g,h,i]perylene	BRL		ug/Kg	350

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
2-Fluorophenol	14,000	7,300	**51** %	30 - 130 %
Phenol-d5	14,000	8,000	**56** %	30 - 130 %
Nitrobenzene-d5	7,100	4,500	**63** %	30 - 130 %
2-Fluorobiphenyl	7,100	4,100	**58** %	30 - 130 %
2,4,6-Tribromophenol	14,000	8,100	**57** %	30 - 130 %
Terphenyl-d14	7,100	3,900	**54** %	30 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996). Sample extraction performed by EPA Method 3545. Results are reported on a dry weight basis.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

* Analyzed as 4-Methylphenol.

† Reported as sum of N-Nitrosodiphenylamine and Diphenylamine.

◊ Analyzed as Azobenzene.

GROUNDWATER ANALYTICAL

EPA Method 8082
Polychlorinated Biphenyls (PCBs) by GC/ECD

Field ID:	**SB-1 Composite (0-12')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-18**	QC Batch ID:	**PB-3745-P**
Sampled:	**05-16-11 13:00**	Instrument ID:	**GC-11 Agilent 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-17-11 23:00**	Final Volume:	**1 mL**
Cleaned Up:	**05-18-11 23:00**	Percent Solids:	**88**
Analyzed:	**05-19-11 07:10**	Dilution Factor:	**1**
Analyst:	**CRL**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
12674-11-2	Aroclor 1016	BRL		ug/Kg	91
11104-28-2	Aroclor 1221	BRL		ug/Kg	91
11141-16-5	Aroclor 1232	BRL		ug/Kg	91
53469-21-9	Aroclor 1242	BRL		ug/Kg	91
12672-29-6	Aroclor 1248	BRL		ug/Kg	91
11097-69-1	Aroclor 1254	BRL		ug/Kg	91
11096-82-5	Aroclor 1260	BRL		ug/Kg	91
37324-23-5	Aroclor 1262 †	BRL		ug/Kg	91
11100-14-4	Aroclor 1268 †	BRL		ug/Kg	91

QC Surrogate Compound		Spiked	Measured	Recovery	QC Limits
First	Tetrachloro-*m*-xylene	15	10	**69** %	30 - 150 %
Column	Decachlorobiphenyl	15	14	**95** %	30 - 150 %
Second	Tetrachloro-*m*-xylene	15	10	**69** %	30 - 150 %
Column	Decachlorobiphenyl	15	15	**98** %	30 - 150 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample extraction performed by EPA Method 3545. Cleanup performed by EPA Method 3660B and EPA Method 3665A.
Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

† Non-target analyte. Result is based on a single mid-range calibration standard.

GROUNDWATER ANALYTICAL

EPA Method 8082
Polychlorinated Biphenyls (PCBs) by GC/ECD

Field ID:	**SB-3/ECS-2 Composite**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-20**	QC Batch ID:	**PB-3745-P**
Sampled:	**05-13-11 13:05**	Instrument ID:	**GC-11 Agilent 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Extracted:	**05-17-11 23:00**	Final Volume:	**1 mL**
Cleaned Up:	**05-18-11 23:00**	Percent Solids:	**88**
Analyzed:	**05-19-11 07:33**	Dilution Factor:	**1**
Analyst:	**CRL**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
12674-11-2	Aroclor 1016	BRL		ug/Kg	87
11104-28-2	Aroclor 1221	BRL		ug/Kg	87
11141-16-5	Aroclor 1232	BRL		ug/Kg	87
53469-21-9	Aroclor 1242	BRL		ug/Kg	87
12672-29-6	Aroclor 1248	BRL		ug/Kg	87
11097-69-1	Aroclor 1254	BRL		ug/Kg	87
11096-82-5	Aroclor 1260	BRL		ug/Kg	87
37324-23-5	Aroclor 1262 †	BRL		ug/Kg	87
11100-14-4	Aroclor 1268 †	BRL		ug/Kg	87

QC Surrogate Compound		Spiked	Measured	Recovery	QC Limits
First	Tetrachloro-*m*-xylene	15	11	**78** %	30 - 150 %
Column	Decachlorobiphenyl	15	15	**106** %	30 - 150 %
Second	Tetrachloro-*m*-xylene	15	12	**86** %	30 - 150 %
Column	Decachlorobiphenyl	15	16	**110** %	30 - 150 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample extraction performed by EPA Method 3545. Cleanup performed by EPA Method 3660B and EPA Method 3665A.
Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

† Non-target analyte. Result is based on a single mid-range calibration standard.

GROUNDWATER ANALYTICAL

EPA Method 8082
Polychlorinated Biphenyls (PCBs) by GC/ECD

Field ID:	**SB-8 Composite (0-12')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-22**	QC Batch ID:	**PB-3745-P**
Sampled:	**05-16-11 13:00**	Instrument ID:	**GC-11 Agilent 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-17-11 23:00**	Final Volume:	**1 mL**
Cleaned Up:	**05-18-11 23:00**	Percent Solids:	**90**
Analyzed:	**05-19-11 07:57**	Dilution Factor:	**1**
Analyst:	**CRL**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
12674-11-2	Aroclor 1016	BRL		ug/Kg	88
11104-28-2	Aroclor 1221	BRL		ug/Kg	88
11141-16-5	Aroclor 1232	BRL		ug/Kg	88
53469-21-9	Aroclor 1242	BRL		ug/Kg	88
12672-29-6	Aroclor 1248	BRL		ug/Kg	88
11097-69-1	Aroclor 1254	BRL		ug/Kg	88
11096-82-5	Aroclor 1260	BRL		ug/Kg	88
37324-23-5	Aroclor 1262 †	BRL		ug/Kg	88
11100-14-4	Aroclor 1268 †	BRL		ug/Kg	88

QC Surrogate Compound		Spiked	Measured	Recovery	QC Limits
First	Tetrachloro-*m*-xylene	15	11	**75** %	30 - 150 %
Column	Decachlorobiphenyl	15	13	**91** %	30 - 150 %
Second	Tetrachloro-*m*-xylene	15	11	**77** %	30 - 150 %
Column	Decachlorobiphenyl	15	15	**105** %	30 - 150 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample extraction performed by EPA Method 3545. Cleanup performed by EPA Method 3660B and EPA Method 3665A.
Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

† Non-target analyte. Result is based on a single mid-range calibration standard.

GROUNDWATER ANALYTICAL

EPA Method 8082
Polychlorinated Biphenyls (PCBs) by GC/ECD

Field ID:	**SB-9 Composite**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-24**	QC Batch ID:	**PB-3745-P**
Sampled:	**05-16-11 09:50**	Instrument ID:	**GC-11 Agilent 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-17-11 23:00**	Final Volume:	**1 mL**
Cleaned Up:	**05-18-11 23:00**	Percent Solids:	**90**
Analyzed:	**05-19-11 08:20**	Dilution Factor:	**1**
Analyst:	**CRL**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
12674-11-2	Aroclor 1016	BRL		ug/Kg	87
11104-28-2	Aroclor 1221	BRL		ug/Kg	87
11141-16-5	Aroclor 1232	BRL		ug/Kg	87
53469-21-9	Aroclor 1242	BRL		ug/Kg	87
12672-29-6	Aroclor 1248	BRL		ug/Kg	87
11097-69-1	Aroclor 1254	BRL		ug/Kg	87
11096-82-5	Aroclor 1260	BRL		ug/Kg	87
37324-23-5	Aroclor 1262 †	BRL		ug/Kg	87
11100-14-4	Aroclor 1268 †	BRL		ug/Kg	87

QC Surrogate Compound		Spiked	Measured	Recovery	QC Limits
First	Tetrachloro-*m*-xylene	15	12	**83** %	30 - 150 %
Column	Decachlorobiphenyl	15	14	**99** %	30 - 150 %
Second	Tetrachloro-*m*-xylene	15	12	**85** %	30 - 150 %
Column	Decachlorobiphenyl	15	15	**102** %	30 - 150 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample extraction performed by EPA Method 3545. Cleanup performed by EPA Method 3660B and EPA Method 3665A.
Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

† Non-target analyte. Result is based on a single mid-range calibration standard.

GROUNDWATER ANALYTICAL

EPA Method 8082
Polychlorinated Biphenyls (PCBs) by GC/ECD

Field ID:	**SB-4 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-26**	QC Batch ID:	**PB-3745-P**
Sampled:	**05-16-11 10:50**	Instrument ID:	**GC-11 Agilent 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-17-11 23:00**	Final Volume:	**1 mL**
Cleaned Up:	**05-18-11 23:00**	Percent Solids:	**89**
Analyzed:	**05-19-11 08:44**	Dilution Factor:	**1**
Analyst:	**CRL**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
12674-11-2	Aroclor 1016	BRL		ug/Kg	87
11104-28-2	Aroclor 1221	BRL		ug/Kg	87
11141-16-5	Aroclor 1232	BRL		ug/Kg	87
53469-21-9	Aroclor 1242	BRL		ug/Kg	87
12672-29-6	Aroclor 1248	BRL		ug/Kg	87
11097-69-1	Aroclor 1254	BRL		ug/Kg	87
11096-82-5	Aroclor 1260	BRL		ug/Kg	87
37324-23-5	Aroclor 1262 †	BRL		ug/Kg	87
11100-14-4	Aroclor 1268 †	BRL		ug/Kg	87

QC Surrogate Compound		Spiked	Measured	Recovery	QC Limits
First	Tetrachloro-*m*-xylene	14	11	**73** %	30 - 150 %
Column	Decachlorobiphenyl	14	14	**99** %	30 - 150 %
Second	Tetrachloro-*m*-xylene	14	11	**77** %	30 - 150 %
Column	Decachlorobiphenyl	14	16	**110** %	30 - 150 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample extraction performed by EPA Method 3545. Cleanup performed by EPA Method 3660B and EPA Method 3665A.
Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

† Non-target analyte. Result is based on a single mid-range calibration standard.

GROUNDWATER ANALYTICAL

EPA Method 8082
Polychlorinated Biphenyls (PCBs) by GC/ECD

Field ID:	**SB-5 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-27**	QC Batch ID:	**PB-3745-P**
Sampled:	**05-16-11 12:35**	Instrument ID:	**GC-11 Agilent 6890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-17-11 23:00**	Final Volume:	**1 mL**
Cleaned Up:	**05-18-11 23:00**	Percent Solids:	**75**
Analyzed:	**05-19-11 09:08**	Dilution Factor:	**1**
Analyst:	**CRL**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
12674-11-2	Aroclor 1016	BRL		ug/Kg	110
11104-28-2	Aroclor 1221	BRL		ug/Kg	110
11141-16-5	Aroclor 1232	BRL		ug/Kg	110
53469-21-9	Aroclor 1242	BRL		ug/Kg	110
12672-29-6	Aroclor 1248	BRL		ug/Kg	110
11097-69-1	Aroclor 1254	BRL		ug/Kg	110
11096-82-5	Aroclor 1260	BRL		ug/Kg	110
37324-23-5	Aroclor 1262 †	BRL		ug/Kg	110
11100-14-4	Aroclor 1268 †	BRL		ug/Kg	110

QC Surrogate Compound		Spiked	Measured	Recovery	QC Limits
First	Tetrachloro-*m*-xylene	18	12	**70** %	30 - 150 %
Column	Decachlorobiphenyl	18	16	**88** %	30 - 150 %
Second	Tetrachloro-*m*-xylene	18	13	**74** %	30 - 150 %
Column	Decachlorobiphenyl	18	17	**94** %	30 - 150 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample extraction performed by EPA Method 3545. Cleanup performed by EPA Method 3660B and EPA Method 3665A.
Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

† Non-target analyte. Result is based on a single mid-range calibration standard.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-4 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-26**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-16-11 10:50**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-19-11 08:13**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**89**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/Kg	66

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	2.9	2.0	**69** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-5 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-27**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-16-11 12:35**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-20-11 11:39**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**75**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/Kg	80

QC Surrogate Compound	Spiked	Measured	Recovery		QC Limits
ortho-Terphenyl	3.6	1.6	**45** %	q	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

q Recovery outside recommended limits.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-1 (2')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-28**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-12-11 12:00**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-20-11 13:29**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**94**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/Kg	61

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	2.7	2.2	**80** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-1 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-29**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-16-11 10:00**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-20-11 14:24**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**87**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/Kg	65

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	2.9	2.3	**79** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-2/ECS-1 (2')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-30**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-12-11 12:40**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-19-11 04:40**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**91**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	**94**		mg/Kg	65

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	2.9	2.8	**95** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-2/ECS-1 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-31**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-12-11 08:55**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-19-11 05:35**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**88**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/Kg	67

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	3.0	2.2	**73** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-3/ECS-2 (4')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-32**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-12-11 09:40**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-19-11 06:30**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**84**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	**84**		mg/Kg	67

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	3.0	2.6	**88** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-3/ECS-2 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-33**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-12-11 10:10**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-19-11 07:24**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**84**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/Kg	67

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	3.0	2.1	**70** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-6/ECS-4 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-34**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-13-11 13:00**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**16 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-19-11 08:19**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**80**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/Kg	70

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	3.1	2.6	**85** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-7/ECS-3 (4')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-35**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-12-11 13:10**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-20-11 02:31**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**89**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	**210**		mg/Kg	66

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	2.9	2.4	**82** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-7/ECS-3 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-36**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-13-11 11:20**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-20-11 03:26**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**88**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	**120**		mg/Kg	68

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	3.0	2.3	**75** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-8 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-37**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-16-11 11:50**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-20-11 04:21**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**92**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/Kg	65

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	2.9	2.2	**78** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-8 (10-12')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-38**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-16-11 12:10**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-20-11 05:16**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**89**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/Kg	66

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	2.9	2.2	**74** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-9 (2')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-39**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-16-11 13:45**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-20-11 06:10**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**92**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	**91**		mg/Kg	64

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	2.9	2.0	**70** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-9 (5-7')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-40**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-16-11 08:40**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-20-11 15:19**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**85**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/Kg	69

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	3.1	2.4	**79** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Extractable Total Petroleum Hydrocarbons by GC/FID

Field ID:	**SB-11 (4')**	Matrix:	**Soil**
Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Container:	**250 mL Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**141953-41**	QC Batch ID:	**HF-3209-M**
Sampled:	**05-13-11 11:15**	Instrument ID:	**GC4 HP 5890**
Received:	**05-17-11 16:40**	Sample Weight:	**15 g**
Extracted:	**05-18-11 01:00**	Final Volume:	**1 mL**
Analyzed:	**05-20-11 16:14**	Dilution Factor:	**1**
Analyst:	**MB**	% Solids:	**84**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/Kg	71

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	3.2	2.2	**71** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique. Results are reported on a dry weight basis.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Project Narrative

Project:	**1660 Storrs Rd Mansfield CT/01-216075**	Lab ID:	**141953**
Client:	**Environmental Compliance Services, Inc.**	Received:	**05-17-11 16:40**

A. Documentation and Client Communication

The following documentation discrepancies, and client changes or amendments were noted for this project:

1 . No documentation discrepancies, changes, or amendments were noted.

B. Method Modifications, Non-Conformances and Observations

The sample(s) in this project were analyzed by the references analytical method(s), and no method modifications, non-conformances or analytical issues were noted, except as indicated below:

1 . EPA 6010B Note: Samples 141953-18 through-25. Samples were analyzed for selected target analytes, as requested by client.

2 . EPA 8260B Non-conformance: Samples 141953-16 and -17. Laboratory control sample duplicate (LCSD) analyte Tetrahydrofuran was above the recommended recovery limit for QC batch VM8-1440-E.

3 . EPA 8260B Non-conformance: Samples 141953-1 through -17. Laboratory control sample (LCS) analytes Acetone, Tetrahydrofuran and trans-1,4-dichloro-2-butene were above the recommended recovery limits. Laboratory control sample duplicate (LCSD) analyte Methylene Chloride was below the recommended recovery limt and anlyte Tetrahydrofuran was above the recommended recovery limit. Analyte 2-Butanone had a RPD recovery outside recommended limit for QC batch VM8-1438-E.

4 . EPA 8260B Note: Sample 141953-10. Sample was diluted prior to analysis. Dilution was required to keep all target analytes within calibration.

5 . EPA 8270C Non-conformance: Samples 141953-18, -20, -22 and -24. Laboratory control sample duplicate (LCSD) analyte 2,4-Dinitrophenol was below the recommended recovery limit. Analytes 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol had RPDs recoveries outside the recommended limits for QC batch SV-2467-P.

6 . EPA 8270C Note: Samples 141953-18, -20, -22 and -24. 2,4-Dinitrophenol did not meet the 70 - 130% recovery criteria for the low calibration standard. The reporting limit was raised to the next highest acceptable calibration standard.

Page 1 of 2

Version 10-2010

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www.groundwateranalytical.com

CHAIN-OF-CUSTODY RECORD AND WORK ORDER

(TCLP RCRA8 metals)

Project Name: 1660 Storrs Rd Mansfield, CT	Firm: ECS for Cumberland Farms
Project Number: 01-21605 CFI-Aqu)	Address: ECS - 588 Silver St
Sampler Name: JM	City / State / Zip: ECS - Agawam, MA
Project Manager: Abby Albano	Telephone: ECS - 789-3530

INSTRUCTIONS: Use separate line for each container (except replicates).

TURNAROUND

- ☐ 10 Business Days
- ☐ 5 Business Days
- ☒ RUSH (RAN- ______) (Rush requires Rush Authorization Number)
- ☒ Please Email to: AAlbano@ecsconsult.com
- ☐ Please FAX to:

BILLING

- ☒ Purchase Order No.: 35043
- ☐ Third Party Billing:
- ☐ GWA Quote:

ANALYSIS REQUEST

Options: RCRA/21E, NPDES, SDWA. Volatiles: ☐ 8260B TCL+MTBE, ☒ 8260B, ☐ 8260B Aromatics, ☐ 8260B Halocarbons, ☐ 8021B Vermont, ☐ 624, ☐ 602+MTBE, ☐ 524.2, ☐ TIC Search. Semivolatiles: ☒ 8270C, ☐ 8270C PAHs only, ☐ 625, ☐ 625 PAHs only, ☐ 525.2, ☐ Acid Only, ☐ B/N Only, ☐ TIC Search. Pest/Herb/PCBs: ☐ 8081A Pesticides, ☒ 8082 PCBs, ☐ 608 Pesticides, ☐ 608 PCBs, ☐ 505, ☐ 508, ☐ 8151A Herbicides, ☐ 615, ☐ 531.1, ☐ 515.3, ☐ 8011 EDB/DBCP, ☐ 504.1 EDB/DBCP. Metals: ☐ 8 RCRA, ☐ 5 RCRA, ☐ 14 MA DEP Metals, ☐ 23 TAL, ☐ 13 Priority Pollutant, ☐ Lead and Copper, Specify for Water Samples ☐ Total ☐ Dissolved, ☐ Specify. Petroleum Hydrocarbon: ☐ Diesel Range Organics (DRO) ☐ ME DRO, ☒ CT ETPH, ☐ MA DEP EPH w/all targets ☐ EPH Carbon Ranges only ☐ EPH w/4 PAHs, ☐ Hydrocarbon Fingerprint (GC/FID by ASTM D3328-00-Mod.), ☐ TPH by GC/FID (8015B Mod) Quantitative Only, ☐ Gasoline Range Organics (GRO) ☐ ME GRO, ☐ MA DEP VPH w/all targets ☐ VPH Carbon ranges only. Haz. Waste: ☒ TCLP ☐ SPLP ☒ 8 Metals ☐ Pb only ☐ VOA ☐ Semi VOA ☐ Pesticides ☐ Herbicides, ☒ Corrosivity (as pH) ☒ Reactivity ☐ Ignitability ☐ Conductivity ☐ Paint Filter, ☐ MA Basic Disposal, ☐ MA Extended Disposal. General Chemistry: ☐ Nitrate ☐ Nitrite ☐ Chloride ☐ Fluoride ☐ Sulfate, ☐ Dissolved Phosphorus, ☐ Ammonia ☐ TKN ☐ Total Phosphorus ☐ Total N ☐ LL Total P, ☐ Oil & Grease, ☐ COD ☐ TOC, ☐ BOD ☐ CBOD ☐ TDS ☐ TSS ☐ TS ☐ Alkalinity, ☐ Total Cyanide ☐ Physiologically Available Cyanide ☐ Available Cyanide. Other: ☐ pH ☐ Dissolved Oxygen ☐ Turbidity, ☐ Total Coliform ☐ Fecal Coliform ☐ HPC, ☐ MA DEP Asbestos in Soil ☐ Asbestos (PLM), Total Hg (6010/3050B), Total Chromium (3050B/7471).

Date	Time	Sample Identification	Matrix	Type	40mL VOA Vial	250mL/8 oz Glass	Preservation	Filtered	8260B	8270C	8082 PCBs	CT ETPH	TCLP 8 Metals	Corrosivity / Reactivity	Total Hg	Total Chromium
12/11	12:00	SB-1 (2')	Soil	Grab	2	1	Methanol, Ice	No	X			X				
16/11	10:00	SB-1 (5-7')	Soil	Grab	2	1	✓	✓	X			X				
16/11	1:00	SB-1 Composite (0-?)	Soil	Composite		3	✓	✓		X	X		X	X X	X	X
12/11	12:40	SB-2/ECS-1 (2')	Soil	Grab	2	1	✓	✓	X			X				
13/11	8:55	SB-2/ECS-1 (5-7')	Soil	Grab	2	1	✓	✓	X			X				
12/11	9:40	SB-3/ECS-2 (4')	Soil	Grab	2	1	✓	✓	X			X				
13/11	10:10	SB-3/ECS-2 (5-7')	Soil	Grab	2	1	✓	✓	X			X				
13/11	1:05	SB-3/ECS-2 Composite (0-?)	Soil	Composite		3	✓	✓		X	X		X	X X	X	X
16/11	10:50	SB-4 (5-7')	Soil	Grab	2	1	✓	✓	X		X	X				
16/11	12:35	SB-5 (5-7')	Soil	Grab	2	1	✓	✓	X		X	X				
13/11	1:00	SB-6/ECS-4 (5-7')	Soil	Grab	2	1	✓	✓	X			X				
12/11	3:10	SB-7/ECS-3 (4')	Soil	Grab	2	1	✓	✓	X			X				

LABORATORY NUMBER (Lab Use Only)

REMARKS / SPECIAL INSTRUCTIONS

- ☐ YES ☐ NO MCP Data Certification required.
- ☐ YES ☐ NO MCP Drinking Water Sample Included. (Volatile analyses require duplicate collection and Trip Blanks).
- ☐ Analyze Duplicates and Trips Blanks only if positive results.
- ☒ YES ☐ NO CT RCP Data Certification required.

Signature: ______

DATA QUALITY OBJECTIVES

Regulatory Program

State	Standard	Deliverables
☒ CT	☐ MCP GW-1/S-1	☐ PWS Form
☐ ME	☐ MCP GW-2/S-2	☐ MWRA
☐ MA	☐ NY STARS	☐
☐ NH	☐ Drinking Water	
☐ NY	☐ Wastewater	
☐ RI	☐ Waste Disposal	
☐ VT	☐ Dredge Material	
☐	☒ GWPC-GA-RSR'S	

Project Specific QC

Many regulatory programs and EPA methods require project specific QC. Project specific QC includes Sample Duplicates, Matrix Spikes, and/or Matrix Spike Duplicates. Laboratory QC is not project specific unless prearranged. Project specific QC samples are charged on a per sample basis. **Each MS, MSD and Sample Duplicate requires an additional sample aliquot.**

Project Specific QC Required: ☐ Sample Duplicate ☐ Matrix Spike ☐ Matrix Spike Duplicate

Selection of QC Sample: ☐ Please use sample:

CHAIN-OF-CUSTODY RECORD

NOTE: All samples submitted subject to Standard Terms and Conditions on reverse hereof.

Relinquished by	Date	Time	Received by	
Relinquished by Sampler: [signature]	5/16/11	1730	Received by: Alan Maddigan 5/17/11 1210	Receipt Temperature: ☒ Ice ☐ Refrigerated 2-8 C Recommended 2.0°C
Relinquished by: Alan Maddigan	5/17/11	16:40	Received by: [signature]	Container Count:
Relinquished by:	Date	Time	Received by Laboratory:	Shipping/Airbill Number:

Method of Shipment: ☒ GWA Courier ☐ Express Mail ☐ Federal Express ☐ UPS ☐ Hand ☐ ______

Custody Seal Number:

(NO ETPH on SB-9 (15-17'))

(TCLP RCRA8 Metals)

Version 10-2010

GROUNDWATER ANALYTICAL

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CHAIN-OF-CUSTODY RECORD AND WORK ORDER

Project Name: 1660 Storrs Rd Mansfield, CT

Project Number: 01-21605 (FT Apt)

Sampler Name: JM

Project Manager: Abby Albano

Firm: ECS for LFI

Address: ECS - 588 Silver St

City / State / Zip: ECS - Agawam, MA

Telephone: ECS - 789-3530

TURNAROUND

- ☐ 10 Business Days
- ☐ 5 Business Days
- ☒ RUSH (RAN- _____) (Rush requires Rush Authorization Number)
- ☒ Please Email to: AAlbano@ecsconsult.com
- ☐ Please FAX to: _____

BILLING

- ☒ Purchase Order No.: 35043
- ☐ Third Party Billing: _____
- ☐ GWA Quote: _____

ANALYSIS REQUEST

OPTIONS: ☐ TIC Search

SDWA: ☐ 524.2

NPDES: ☐ 624

RCRA/21E: ☐ 8260B TCL-MTBE; ☒ 8260B

Volatiles: ☐ 602-MTBE; ☐ 8260B Aromatics; ☐ 8260B Halocarbons; ☐ 8021B Vermont

Semivolatiles: ☐ Acid Only; ☐ B/N Only; ☐ TIC Search; ☐ 625; ☒ 8270C; ☐ 625 PAHs only; ☐ 8270C PAHs only

Pest/Herb/PCBs Extractable: ☐ 505; ☐ 508; ☐ 608 Pesticides; ☐ 608.1 PCBs; ☐ 8081A Pesticides; ☒ 8082 PCBs

Pest/Herb/PCBs Vol.: ☐ 524.2; ☐ 525.2; ☐ 531.1; ☐ 515.3; ☐ 504.1 EDB/DBCP; ☐ 615; ☐ 8151A Herbicides; ☐ 8011 EDB/DBCP

Metals: Specify For Water Samples ☐ Total ☐ Dissolved; ☐ Lead and Copper; ☐ 13 Priority Pollutant; ☐ 8 RCRA; ☐ 5 RCRA; ☐ 14 MA DEP Metals; ☐ 23 TAL; ☐ Specify:

Petroleum Hydrocarbon Ext. TPH: ☐ Diesel Range Organics (DRO) ☐ ME DRO; ☒ CT ETPH; ☐ MA DEP EPH w/all targets; ☐ EPH C arbon Ranges only; ☐ EPH w/4 PAHs; ☐ Hydrocarbon Fingerprint (GC/FID by ASTM D3328-05-Mod.)

Petroleum Hydrocarbon Vol. TPH: ☐ TPH by (GC/FID) (8015B Mod) Quantitative Only; ☐ Gasoline Range Organics (GRO) ☐ ME GRO; ☐ MA DEP VPH w/all targets; ☐ VPH Carbon ranges only

Haz. Waste: ☐ TCLP ☐ SPLP ☒ 8 Metals ☐ Pb only ☐ VOA ☐ Semi VOA ☐ Pesticides ☒ Herbicides; ☒ Reactivity; ☒ Corrosivity (as pH); ☐ Ignitability; ☐ Conductivity; ☐ Paint Filter; ☐ MA Basic Disposal: 8260BTCL TPH, PCBs, 5 Metals, Corrosivity, Ignitability, Reactivity; ☐ MA Extended Disposal 8260B, 8270C, TPH, PCBs, 5 Metals, Corrosivity, Ignitability, Reactivity

General Chemistry: ☐ Nitrate; ☐ Nitrite; ☐ Chloride; ☐ Fluoride; ☐ Sulfate; ☐ Dissolved Phosphorus; ☐ Ammonia; ☐ TKN; ☐ Total Phosphorus; ☐ Total N (as NO2/NO3/TKN); ☐ LL Total P; ☐ Oil & Grease; ☐ COD; ☐ TOC; ☐ BOD; ☐ CBOD; ☐ TDS; ☐ TSS; ☐ TS; ☐ Alkalinity; ☐ Total Cyanide; ☐ Physiologically Available Cyanide; ☐ Available Cyanide

Other: ☐ pH; ☐ Dissolved Oxygen; ☐ Turbidity; ☐ Total Coliforms; ☐ Fecal Coliforms; ☐ HPC; ☐ MA DEP Asbestos in Soil; ☐ Asbestos (PLM); Total Hg (6010/3050B); Total Cadmium (3050B/7471)

Sampling Date	Time	SAMPLE IDENTIFICATION	Matrix: GROUNDWATER	DRINKING WATER	WASTEWATER	SOIL	OTHER SOLID	OIL/ORGANIC LIQUID	Type: COMPOSITE	GRAB	Container(s): NUMBER	40mL VOA Vial	60mL/2 oz Glass	120mL/4 oz Amber Glass	250mL/8 oz Glass	500mL/16 oz Glass	1L/32 oz Amber Glass	250mL/8 oz Plastic	500mL/16 oz Plastic	1L/32 oz Plastic	120mL Sterile	Preservation: HCl	HNO3	H2SO4	NaOH	Methanol	Sodium Bisulfate	ICE	Filtered: YES	NO	LABORATORY NUMBER (Lab Use Only)
/11	11:20	SB-7/ECS-3 (5-7')				X						2			1										X		X		X		
/11	11:50	SB-8 (5-7')				X						2			1																
/11	12:10	SB-8 (10-12')				X						2			1																
/11	1:00	SB-8 Composite				X									3																
/11	1:45	SB-9 (2')				X						2			1																
/11	9:40	SB-9 (5-7')				X						2			1																
/11	9:45	SB-9 (15-17')				X						2			1																
/11	9:50	SB-9 Composite				X									3																
/11	11:15	SB-11 (4')				X						2			1																
/11	0700	Trip Blank							X			1																			

REMARKS / SPECIAL INSTRUCTIONS

☐ YES ☐ NO MCP Data Certification required.

☐ YES ☐ NO MCP Drinking Water Sample Included.

Volatile analyses require duplicate collection and Trip Blanks).

☐ Analyze Duplicates and Trips Blanks only if positive results.

☐ YES ☐ NO CT RCP Data Certification required.

Signature: _____

DATA QUALITY OBJECTIVES

Regulatory Program

State	Standard	Deliverables
☒ CT	☐ MCP GW-1/S-1	☐ PWS Form
☐ ME	☐ MCP GW-2/S-2	☐ MWRA
☐ MA	☐ NY STARS	☐ _____
☐ NH	☐ Drinking Water	
☐ NY	☐ Wastewater	
☐ RI	☐ Waste Disposal	
☐ VT	☐ Dredge Material	
☐ ___	☐ _____	

Project Specific QC

Many regulatory programs and EPA methods require project specific QC. Project specific QC includes Sample Duplicates, Matrix Spikes, and/or Matrix Spike Duplicates. Laboratory QC is not project specific unless prearranged. Project specific QC samples are charged on a per sample basis. **Each MS, MSD and Sample Duplicate requires an additional sample aliquot.**

Project Specific QC Required
- ☐ Sample Duplicate
- ☐ Matrix Spike
- ☐ Matrix Spike Duplicate

Selection of QC Sample
- ☐ Please use sample: _____

CHAIN-OF-CUSTODY RECORD

NOTE: All samples submitted subject to Standard Terms and Conditions on reverse hereof.

Relinquished by Sampler:	Date / Time: 5/16/11 1730	Received by: Alan Maddigan 5/17/11 12:10	Receipt Temperature: ☒ Ice ☐ Refrigerated 2-6 C Recommended 2.0°C
Relinquished by: Alan Maddigan	Date / Time: 5/17/11 16:40	Received by:	Container Count:
Relinquished by:	Date / Time:	Received by Laboratory:	Shipping/Airbill Number:

Method of Shipment: ☒ GWA Courier ☐ Express Mail ☐ Federal Express ☐ UPS ☐ Hand ☐ _____

Custody Seal Number:

Quality Assurance/Quality Control

A. Program Overview

Groundwater Analytical conducts an active Quality Assurance program to ensure the production of high quality, valid data. This program closely follows the guidance provided by *Interim Guidelines and Specifications for Preparing Quality Assurance Project Plans,* US EPA QAMS-005/80 (1980), and *Test Methods for Evaluating Solid Waste,* US EPA, SW-846, Update III (1996).

Quality Control protocols include written Standard Operating Procedures (SOPs) developed for each analytical method. SOPs are derived from US EPA methodologies and other established references. Standards are prepared from commercially obtained reference materials of certified purity, and documented for traceability.

Quality Assessment protocols for most organic analyses include a minimum of one laboratory control sample, one method blank, one matrix spike sample, and one sample duplicate for each sample preparation batch. All samples, standards, blanks, laboratory control samples, matrix spikes and sample duplicates are spiked with internal standards and surrogate compounds. All instrument sequences begin with an initial calibration verification standard and a blank; and excepting GC/MS sequences, all sequences close with a continuing calibration standard. GC/MS systems are tuned to appropriate ion abundance criteria daily, or for each 12 hour operating period, whichever is more frequent.

Quality Assessment protocols for most inorganic analyses include a minimum of one laboratory control sample, one method blank, one matrix spike sample, and one sample duplicate for each sample preparation batch. Standard curves are derived from one reagent blank and four concentration levels. Curve validity is verified by standard recoveries within plus or minus ten percent of the curve.

B. Definitions

Batches are used as the basic unit for Quality Assessment. A Batch is defined as twenty or fewer samples of the same matrix which are prepared together for the same analysis, using the same lots of reagents and the same techniques or manipulations, all within the same continuum of time, up to but not exceeding 24 hours.

Laboratory Control Samples are used to assess the accuracy of the analytical method. A Laboratory Control Sample consists of reagent water or sodium sulfate spiked with a group of target analytes representative of the method analytes. Accuracy is defined as the degree of agreement of the measured value with the true or expected value. Percent Recoveries for the Laboratory Control Samples are calculated to assess accuracy.

Method Blanks are used to assess the level of contamination present in the analytical system. Method Blanks consist of reagent water or an aliquot of sodium sulfate. Method Blanks are taken through all the appropriate steps of an analytical method. Sample data reported is not corrected for blank contamination.

Surrogate Compounds are used to assess the effectiveness of an analytical method in dealing with each sample matrix. Surrogate Compounds are organic compounds which are similar to the target analytes of interest in chemical behavior, but which are not normally found in environmental samples. Percent Recoveries are calculated for each Surrogate Compound.

GROUNDWATER ANALYTICAL

Quality Control Report
Laboratory Control Sample

Category:	**CT ETPH Method**	Instrument ID:	**GC4 HP 5890**
QC Batch ID:	**HF-3209-M**	Extracted:	**05-18-11 01:00**
Matrix:	**Soil**	Analyzed:	**05-19-11 06:24**
Units:	**mg/Kg**	Analyst:	**MB**

Analyte	Spiked	Measured	Recovery	QC Limits
Fuel Oil No. 2	130	110	**85** %	60 - 120 %

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	2.7	2.4	**91** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique.

Report Notations: All calculations performed prior to rounding. Quality Control Limits are defined by the methodology, or alternatively based upon the historical average recovery plus or minus three standard deviation units.

GROUNDWATER ANALYTICAL

Quality Control Report
Method Blank

Category:	**CT ETPH Method**	Instrument ID:	**GC4 HP 5890**
QC Batch ID:	**HF-3209-M**	Extracted:	**05-18-11 01:00**
Matrix:	**Soil**	Analyzed:	**05-19-11 05:29**
		Analyst:	**MB**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/Kg	60

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	2.7	2.2	**82** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by microwave accelerated solvent technique.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Quality Control Report
Laboratory Control Samples

		LCS		LCSD	
Category:	**EPA 8082**	Instrument ID:	**GC-11 Agilent 6890**	Instrument ID:	**GC-11 Agilent 6890**
QC Batch ID:	**PB-3745-P**	Extracted:	**05-17-11 09:00**	Extracted:	**05-17-11 09:00**
Matrix:	**Soil**	Cleaned Up:	**05-17-11 21:00**	Cleaned Up:	**05-17-11 21:00**
Units:	**ug/Kg**	Analyzed:	**05-17-11 23:57**	Analyzed:	**05-18-11 00:20**
		Analyst:	**CRL**	Analyst:	**CRL**

CAS Number	Analyte	LCS					LCS Duplicate							QC Limits	
		Spiked	Measured		Recovery		Spiked	Measured		Recovery		RPD			
			1st Col	2nd Col	1st Col	2nd Col		1st Col	2nd Col	1st Col	2nd Col	1st Col	2nd Col	Spike	RPD
12674-11-2	Aroclor 1016	330	260	260	**79%**	**79%**	330	260	260	**78%**	**77%**	**0 %**	**2 %**	40 - 140%	30 %
11096-82-5	Aroclor 1260	330	270	280	**82%**	**83%**	330	270	280	**82%**	**83%**	**0 %**	**0 %**	40 - 140%	30 %

QC Surrogate Compound	Surrogate Recovery											QC Limits
Tetrachloro-*m* -xylene	13	10	10	**75%**	**76%**	13	10	10	**76%**	**76%**		30 - 150 %
Decachlorobiphenyl	13	12	12	**87%**	**87%**	13	12	12	**88%**	**88%**		30 - 150 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample extraction performed by EPA Method 3545. Cleanup performed by EPA Method 3660B and EPA Method 3665A.

Report Notations: All calculations performed prior to rounding. Quality Control Limits are defined by the methodology, or alternatively based upon the historical average recovery plus or minus three standard deviation units.

GROUNDWATER ANALYTICAL

Quality Control Report
Method Blank

Category:	**EPA Method 8082**	Instrument ID:	**GC-11 Agilent 6890**
QC Batch ID:	**PB-3745-P**	Extracted:	**05-17-11 09:00**
Matrix:	**Soil**	Cleaned Up:	**05-17-11 21:00**
		Analyzed:	**05-17-11 23:33**
		Analyst:	**CRL**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
12674-11-2	Aroclor 1016	BRL		ug/Kg	80
11104-28-2	Aroclor 1221	BRL		ug/Kg	80
11141-16-5	Aroclor 1232	BRL		ug/Kg	80
53469-21-9	Aroclor 1242	BRL		ug/Kg	80
12672-29-6	Aroclor 1248	BRL		ug/Kg	80
11097-69-1	Aroclor 1254	BRL		ug/Kg	80
11096-82-5	Aroclor 1260	BRL		ug/Kg	80
37324-23-5	Aroclor 1262 †	BRL		ug/Kg	80
11100-14-4	Aroclor 1268 †	BRL		ug/Kg	80

QC Surrogate Compound		Spiked	Measured	Recovery	QC Limits
First Column	Tetrachloro-*m*-xylene	13	9.1	**68** %	30 - 150 %
	Decachlorobiphenyl	13	12	**88** %	30 - 150 %
Second Column	Tetrachloro-*m*-xylene	13	9	**67** %	30 - 150 %
	Decachlorobiphenyl	13	11	**86** %	30 - 150 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample extraction performed by EPA Method 3545. Cleanup performed by EPA Method 3660B and EPA Method 3665A.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

† Non-target analyte. Result is based on a single mid-range calibration standard.

GROUNDWATER ANALYTICAL

Quality Control Report
Laboratory Control Samples

		LCS		LCSD	
Category:	**EPA Method 8260B**	Instrument ID:	**MS-8 HP 6890**	Instrument ID:	**MS-8 HP 6890**
QC Batch ID:	**VM8-1438-E**	Analyzed:	**05-19-11 06:30**	Analyzed:	**05-19-11 07:04**
Matrix:	**Soil**	Analyst:	**LMG**	Analyst:	**LMG**
Units:	**ug/kg**				

CAS Number	Analyte	LCS			LCS Duplicate				QC Limits	
		Spiked	Measured	Recovery	Spiked	Measured	Recovery	RPD	Spike	RPD
75-71-8	Dichlorodifluoromethane	2,500	2,100	**83** %	2,500	1,800	**72** %	**15** %	70 - 130 %	20%
74-87-3	Chloromethane	2,500	2,600	**104** %	2,500	2,300	**91** %	**14** %	70 - 130 %	20%
75-01-4	Vinyl Chloride	2,500	2,900	**118** %	2,500	2,600	**106** %	**11** %	70 - 130 %	20%
74-83-9	Bromomethane	2,500	2,600	**104** %	2,500	2,400	**95** %	**9** %	70 - 130 %	20%
75-00-3	Chloroethane	2,500	2,600	**103** %	2,500	2,200	**88** %	**15** %	70 - 130 %	20%
75-69-4	Trichlorofluoromethane	2,500	2,200	**87** %	2,500	1,900	**77** %	**12** %	70 - 130 %	20%
60-29-7	Diethyl Ether	5,000	4,800	**96** %	5,000	4,400	**88** %	**9** %	70 - 130 %	20%
75-35-4	1,1-Dichloroethene	2,500	2,500	**98** %	2,500	2,200	**88** %	**11** %	70 - 130 %	20%
76-13-1	1,1,2-Trichlorotrifluoroethane	5,000	4,900	**99** %	5,000	4,300	**86** %	**14** %	70 - 130 %	20%
67-64-1	Acetone	5,000	6,800	**136** % q	5,000	5,800	**115** %	**17** %	70 - 130 %	20%
75-15-0	Carbon Disulfide	5,000	4,300	**86** %	5,000	3,800	**76** %	**12** %	70 - 130 %	20%
75-09-2	Methylene Chloride	2,500	1,800	**71** %	2,500	1,600	**65** % q	**10** %	70 - 130 %	20%
107-13-1	Acrylonitrile	2,500	3,000	**119** %	2,500	2,900	**118** %	**1** %	70 - 130 %	20%
156-60-5	*trans*-1,2-Dichloroethene	2,500	2,500	**99** %	2,500	2,300	**91** %	**9** %	70 - 130 %	20%
1634-04-4	Methyl *tert*-butyl Ether (MTBE)	2,500	2,600	**102** %	2,500	2,300	**91** %	**11** %	70 - 130 %	20%
75-34-3	1,1-Dichloroethane	2,500	2,600	**104** %	2,500	2,400	**94** %	**10** %	70 - 130 %	20%
594-20-7	2,2-Dichloropropane	2,500	2,500	**102** %	2,500	2,300	**93** %	**9** %	70 - 130 %	20%
156-59-2	*cis*-1,2-Dichloroethene	2,500	2,600	**102** %	2,500	2,300	**91** %	**11** %	70 - 130 %	20%
78-93-3	2-Butanone (MEK)	5,000	6,000	**120** %	5,000	4,800	**96** %	**22** % q	70 - 130 %	20%
74-97-5	Bromochloromethane	2,500	2,600	**105** %	2,500	2,400	**96** %	**10** %	70 - 130 %	20%
109-99-9	Tetrahydrofuran (THF)	5,000	7,800	**155** % q	5,000	6,700	**135** % q	**14** %	70 - 130 %	20%
67-66-3	Chloroform	2,500	2,300	**92** %	2,500	2,100	**85** %	**8** %	70 - 130 %	20%
71-55-6	1,1,1-Trichloroethane	2,500	2,600	**102** %	2,500	2,200	**89** %	**13** %	70 - 130 %	20%
56-23-5	Carbon Tetrachloride	2,500	2,600	**105** %	2,500	2,300	**94** %	**11** %	70 - 130 %	20%
563-58-6	1,1-Dichloropropene	2,500	2,400	**98** %	2,500	2,200	**88** %	**11** %	70 - 130 %	20%
71-43-2	Benzene	2,500	2,300	**94** %	2,500	2,100	**85** %	**9** %	70 - 130 %	20%
107-06-2	1,2-Dichloroethane	2,500	2,500	**101** %	2,500	2,300	**91** %	**11** %	70 - 130 %	20%
79-01-6	Trichloroethene	2,500	2,400	**95** %	2,500	2,200	**87** %	**9** %	70 - 130 %	20%
78-87-5	1,2-Dichloropropane	2,500	2,500	**99** %	2,500	2,300	**92** %	**7** %	70 - 130 %	20%
74-95-3	Dibromomethane	2,500	2,600	**104** %	2,500	2,400	**95** %	**10** %	70 - 130 %	20%
75-27-4	Bromodichloromethane	2,500	2,700	**107** %	2,500	2,400	**97** %	**10** %	70 - 130 %	20%
123-91-1	1,4-Dioxane	50,000	54,000	**108** %	50,000	50,000	**99** %	**9** %	70 - 130 %	20%
10061-01-5	*cis*-1,3-Dichloropropene	2,500	2,700	**107** %	2,500	2,500	**102** %	**5** %	70 - 130 %	20%
108-10-1	4-Methyl-2-Pentanone (MIBK)	5,000	5,800	**116** %	5,000	4,800	**97** %	**18** %	70 - 130 %	20%
108-88-3	Toluene	2,500	2,500	**101** %	2,500	2,300	**92** %	**9** %	70 - 130 %	20%
10061-02-6	*trans*-1,3-Dichloropropene	2,500	2,300	**93** %	2,500	2,100	**86** %	**8** %	70 - 130 %	20%
79-00-5	1,1,2-Trichloroethane	2,500	2,400	**97** %	2,500	2,200	**90** %	**8** %	70 - 130 %	20%
127-18-4	Tetrachloroethene	2,500	2,400	**96** %	2,500	2,200	**88** %	**8** %	70 - 130 %	20%
142-28-9	1,3-Dichloropropane	2,500	2,400	**95** %	2,500	2,200	**89** %	**6** %	70 - 130 %	20%
591-78-6	2-Hexanone	5,000	5,200	**104** %	5,000	4,400	**89** %	**15** %	70 - 130 %	20%
124-48-1	Dibromochloromethane	2,500	2,500	**101** %	2,500	2,300	**94** %	**7** %	70 - 130 %	20%
106-93-4	1,2-Dibromoethane (EDB)	2,500	2,800	**111** %	2,500	2,600	**102** %	**8** %	70 - 130 %	20%
108-90-7	Chlorobenzene	2,500	2,400	**97** %	2,500	2,300	**91** %	**7** %	70 - 130 %	20%
630-20-6	1,1,1,2-Tetrachloroethane	2,500	2,800	**113** %	2,500	2,700	**106** %	**6** %	70 - 130 %	20%
100-41-4	Ethylbenzene	2,500	2,500	**99** %	2,500	2,300	**92** %	**7** %	70 - 130 %	20%
108-38-3/106-42-3	*meta*-Xylene and *para*-Xylene	5,000	5,100	**101** %	5,000	4,600	**93** %	**9** %	70 - 130 %	20%
95-47-6	*ortho*-Xylene	2,500	2,600	**103** %	2,500	2,400	**95** %	**8** %	70 - 130 %	20%
100-42-5	Styrene	2,500	2,800	**113** %	2,500	2,600	**104** %	**8** %	70 - 130 %	20%
75-25-2	Bromoform	2,500	2,900	**115** %	2,500	2,700	**106** %	**7** %	70 - 130 %	20%

GROUNDWATER ANALYTICAL

Quality Control Report
Laboratory Control Samples

		LCS		LCSD	
Category:	**EPA Method 8260B**	Instrument ID:	**MS-8 HP 6890**	Instrument ID:	**MS-8 HP 6890**
QC Batch ID:	**VM8-1438-E**	Analyzed:	**05-19-11 06:30**	Analyzed:	**05-19-11 07:04**
Matrix:	**Soil**	Analyst:	**LMG**	Analyst:	**LMG**
Units:	**ug/kg**				

CAS Number	Analyte	LCS			LCS Duplicate				QC Limits	
		Spiked	Measured	Recovery	Spiked	Measured	Recovery	RPD	Spike	RPD
98-82-8	Isopropylbenzene	2,500	2,200	**87** %	2,500	2,000	**82** %	**6** %	70 - 130 %	20%
108-86-1	Bromobenzene	2,500	2,900	**114** %	2,500	2,700	**107** %	**6** %	70 - 130 %	20%
79-34-5	1,1,2,2-Tetrachloroethane	2,500	2,900	**117** %	2,500	2,600	**106** %	**10** %	70 - 130 %	20%
96-18-4	1,2,3-Trichloropropane	2,500	2,800	**112** %	2,500	2,600	**103** %	**9** %	70 - 130 %	20%
110-57-6	*trans*-1,4-Dichloro-2-butene	10,000	14,000	**136** % q	10,000	12,000	**123** %	**10** %	70 - 130 %	20%
103-65-1	*n*-Propylbenzene	2,500	2,700	**106** %	2,500	2,500	**99** %	**6** %	70 - 130 %	20%
95-49-8	2-Chlorotoluene	2,500	2,700	**109** %	2,500	2,600	**105** %	**4** %	70 - 130 %	20%
108-67-8	1,3,5-Trimethylbenzene	2,500	2,800	**112** %	2,500	2,600	**104** %	**7** %	70 - 130 %	20%
106-43-4	4-Chlorotoluene	2,500	2,700	**108** %	2,500	2,600	**103** %	**5** %	70 - 130 %	20%
98-06-6	*tert*-Butylbenzene	2,500	2,700	**109** %	2,500	2,500	**101** %	**7** %	70 - 130 %	20%
95-63-6	1,2,4-Trimethylbenzene	2,500	2,800	**112** %	2,500	2,600	**105** %	**7** %	70 - 130 %	20%
135-98-8	*sec*-Butylbenzene	2,500	2,600	**105** %	2,500	2,400	**97** %	**8** %	70 - 130 %	20%
541-73-1	1,3-Dichlorobenzene	2,500	2,800	**113** %	2,500	2,600	**106** %	**6** %	70 - 130 %	20%
99-87-6	4-Isopropyltoluene	2,500	2,700	**108** %	2,500	2,500	**101** %	**7** %	70 - 130 %	20%
106-46-7	1,4-Dichlorobenzene	2,500	2,900	**116** %	2,500	2,700	**107** %	**8** %	70 - 130 %	20%
95-50-1	1,2-Dichlorobenzene	2,500	3,000	**118** %	2,500	2,800	**111** %	**6** %	70 - 130 %	20%
104-51-8	*n*-Butylbenzene	2,500	2,700	**110** %	2,500	2,500	**100** %	**9** %	70 - 130 %	20%
96-12-8	1,2-Dibromo-3-chloropropane	2,500	2,900	**118** %	2,500	2,400	**97** %	**20** %	70 - 130 %	20%
108-70-3	1,3,5-Trichlorobenzene	2,500	2,800	**112** %	2,500	2,600	**103** %	**9** %	70 - 130 %	20%
120-82-1	1,2,4-Trichlorobenzene	2,500	2,900	**115** %	2,500	2,700	**107** %	**7** %	70 - 130 %	20%
87-68-3	Hexachlorobutadiene	2,500	2,800	**113** %	2,500	2,600	**105** %	**8** %	70 - 130 %	20%
91-20-3	Naphthalene	2,500	2,800	**111** %	2,500	2,500	**99** %	**12** %	70 - 130 %	20%
87-61-6	1,2,3-Trichlorobenzene	2,500	3,000	**122** %	2,500	2,700	**110** %	**10** %	70 - 130 %	20%
75-65-0	*tert*-Butyl Alcohol (TBA)	50,000	63,000	**126** %	50,000	56,000	**111** %	**13** %	70 - 130 %	20%
108-20-3	Di-isopropyl Ether (DIPE)	2,500	2,600	**104** %	2,500	2,400	**95** %	**9** %	70 - 130 %	20%
637-92-3	Ethyl *tert*-butyl Ether (ETBE)	2,500	2,500	**101** %	2,500	2,300	**93** %	**8** %	70 - 130 %	20%
994-05-8	*tert*-Amyl Methyl Ether (TAME)	2,500	2,400	**95** %	2,500	2,200	**87** %	**9** %	70 - 130 %	20%

QC Surrogate Compound	Spiked	Measured	Recovery	Spiked	Measured	Recovery		QC Limits
Dibromofluoromethane	2,500	2,300	**94** %	2,500	2,300	**91** %		70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,100	**84** %	2,500	1,900	**78** %		70 - 130 %
Toluene-d_8	2,500	2,700	**108** %	2,500	2,600	**105** %		70 - 130 %
4-Bromofluorobenzene	2,500	2,700	**109** %	2,500	2,800	**111** %		70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A.

Report Notations: All calculations performed prior to rounding. Quality Control Limits are defined by the methodology, or alternatively based upon the historical average recovery plus or minus three standard deviation units.

q Recovery outside recommended limits.

GROUNDWATER ANALYTICAL

Quality Control Report
Method Blank

Category:	**EPA Method 8260B**	Instrument ID:	**MS-8 HP 6890**
QC Batch ID:	**VM8-1438-E**	Analyzed:	**05-19-11 07:37**
Matrix:	**Soil**	Analyst:	**LMG**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	500
74-87-3	Chloromethane	BRL		ug/Kg	500
75-01-4	Vinyl Chloride	BRL		ug/Kg	500
74-83-9	Bromomethane	BRL		ug/Kg	500
75-00-3	Chloroethane	BRL		ug/Kg	500
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	500
60-29-7	Diethyl Ether	BRL		ug/Kg	500
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	250
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	2,500
67-64-1	Acetone	BRL		ug/Kg	2,500
75-15-0	Carbon Disulfide	BRL		ug/Kg	2,500
75-09-2	Methylene Chloride	BRL		ug/Kg	1,000
107-13-1	Acrylonitrile	BRL		ug/Kg	250
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	250
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	250
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	250
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	250
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	250
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	2,500
74-97-5	Bromochloromethane	BRL		ug/Kg	250
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	2,500
67-66-3	Chloroform	BRL		ug/Kg	250
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	250
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	250
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	250
71-43-2	Benzene	BRL		ug/Kg	250
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	250
79-01-6	Trichloroethene	BRL		ug/Kg	250
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	250
74-95-3	Dibromomethane	BRL		ug/Kg	250
75-27-4	Bromodichloromethane	BRL		ug/Kg	250
123-91-1	1,4-Dioxane	BRL		ug/Kg	250,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	250
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	2,500
108-88-3	Toluene	BRL		ug/Kg	250
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	250
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	250
127-18-4	Tetrachloroethene	BRL		ug/Kg	250
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	250
591-78-6	2-Hexanone	BRL		ug/Kg	2,500
124-48-1	Dibromochloromethane	BRL		ug/Kg	250
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	250
108-90-7	Chlorobenzene	BRL		ug/Kg	250
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	250
100-41-4	Ethylbenzene	BRL		ug/Kg	250
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	250
95-47-6	*ortho*- Xylene	BRL		ug/Kg	250
100-42-5	Styrene	BRL		ug/Kg	250
75-25-2	Bromoform	BRL		ug/Kg	250

GROUNDWATER ANALYTICAL

Quality Control Report
Method Blank

Category:	**EPA Method 8260B**	Instrument ID:	**MS-8 HP 6890**
QC Batch ID:	**VM8-1438-E**	Analyzed:	**05-19-11 07:37**
Matrix:	**Soil**	Analyst:	**LMG**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
98-82-8	Isopropylbenzene	BRL		ug/Kg	250
108-86-1	Bromobenzene	BRL		ug/Kg	250
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	250
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	250
110-57-6	*trans*-1,4-Dichloro-2-butene	BRL		ug/Kg	2,500
103-65-1	*n*-Propylbenzene	BRL		ug/Kg	250
95-49-8	2-Chlorotoluene	BRL		ug/Kg	250
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	250
106-43-4	4-Chlorotoluene	BRL		ug/Kg	250
98-06-6	*tert*-Butylbenzene	BRL		ug/Kg	250
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	250
135-98-8	*sec*-Butylbenzene	BRL		ug/Kg	250
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	250
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	250
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	250
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	250
104-51-8	*n*-Butylbenzene	BRL		ug/Kg	250
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	250
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	250
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	250
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	250
91-20-3	Naphthalene	BRL		ug/Kg	250
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	250
75-65-0	*tert*-Butyl Alcohol (TBA)	BRL		ug/Kg	10,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	250
637-92-3	Ethyl *tert*-butyl Ether (ETBE)	BRL		ug/Kg	250
994-05-8	*tert*-Amyl Methyl Ether (TAME)	BRL		ug/Kg	250

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,400	**97** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,000	**81** %	70 - 130 %
Toluene-d_8	2,500	2,600	**105** %	70 - 130 %
4-Bromofluorobenzene	2,500	3,100	**124** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Quality Control Report
Laboratory Control Samples

		LCS		LCSD	
Category:	**EPA Method 8260B**	Instrument ID:	**MS-8 HP 6890**	Instrument ID:	**MS-8 HP 6890**
QC Batch ID:	**VM8-1440-E**	Analyzed:	**05-23-11 08:45**	Analyzed:	**05-23-11 09:27**
Matrix:	**Soil**	Analyst:	**LMG**	Analyst:	**LMG**
Units:	**ug/kg**				

CAS Number	Analyte	LCS			LCS Duplicate				QC Limits	
		Spiked	Measured	Recovery	Spiked	Measured	Recovery	RPD	Spike	RPD
75-71-8	Dichlorodifluoromethane	2,500	2,200	**87** %	2,500	2,200	**86** %	**0** %	70 - 130 %	20%
74-87-3	Chloromethane	2,500	2,600	**105** %	2,500	2,700	**107** %	**1** %	70 - 130 %	20%
75-01-4	Vinyl Chloride	2,500	3,000	**119** %	2,500	2,900	**117** %	**2** %	70 - 130 %	20%
74-83-9	Bromomethane	2,500	2,700	**107** %	2,500	2,700	**108** %	**2** %	70 - 130 %	20%
75-00-3	Chloroethane	2,500	2,700	**107** %	2,500	2,800	**110** %	**3** %	70 - 130 %	20%
75-69-4	Trichlorofluoromethane	2,500	2,300	**93** %	2,500	2,400	**94** %	**1** %	70 - 130 %	20%
60-29-7	Diethyl Ether	5,000	4,600	**91** %	5,000	4,600	**93** %	**2** %	70 - 130 %	20%
75-35-4	1,1-Dichloroethene	2,500	2,700	**106** %	2,500	2,600	**104** %	**2** %	70 - 130 %	20%
76-13-1	1,1,2-Trichlorotrifluoroethane	5,000	5,000	**101** %	5,000	5,100	**102** %	**1** %	70 - 130 %	20%
67-64-1	Acetone	5,000	5,900	**117** %	5,000	5,600	**111** %	**5** %	70 - 130 %	20%
75-15-0	Carbon Disulfide	5,000	4,600	**92** %	5,000	4,700	**93** %	**1** %	70 - 130 %	20%
75-09-2	Methylene Chloride	2,500	1,800	**74** %	2,500	1,900	**76** %	**2** %	70 - 130 %	20%
107-13-1	Acrylonitrile	2,500	2,800	**114** %	2,500	3,000	**120** %	**5** %	70 - 130 %	20%
156-60-5	*trans*-1,2-Dichloroethene	2,500	2,500	**101** %	2,500	2,700	**107** %	**5** %	70 - 130 %	20%
1634-04-4	Methyl *tert*-butyl Ether (MTBE)	2,500	2,400	**97** %	2,500	2,400	**97** %	**0** %	70 - 130 %	20%
75-34-3	1,1-Dichloroethane	2,500	2,700	**108** %	2,500	2,700	**110** %	**2** %	70 - 130 %	20%
594-20-7	2,2-Dichloropropane	2,500	2,400	**95** %	2,500	2,400	**95** %	**0** %	70 - 130 %	20%
156-59-2	*cis*-1,2-Dichloroethene	2,500	2,600	**103** %	2,500	2,700	**107** %	**4** %	70 - 130 %	20%
78-93-3	2-Butanone (MEK)	5,000	4,100	**82** %	5,000	4,700	**95** %	**14** %	70 - 130 %	20%
74-97-5	Bromochloromethane	2,500	2,600	**105** %	2,500	2,700	**106** %	**1** %	70 - 130 %	20%
109-99-9	Tetrahydrofuran (THF)	5,000	6,500	**130** %	5,000	6,800	**135** % q	**4** %	70 - 130 %	20%
67-66-3	Chloroform	2,500	2,500	**98** %	2,500	2,500	**99** %	**1** %	70 - 130 %	20%
71-55-6	1,1,1-Trichloroethane	2,500	2,600	**105** %	2,500	2,700	**107** %	**2** %	70 - 130 %	20%
56-23-5	Carbon Tetrachloride	2,500	2,700	**108** %	2,500	2,800	**110** %	**2** %	70 - 130 %	20%
563-58-6	1,1-Dichloropropene	2,500	2,500	**101** %	2,500	2,500	**100** %	**1** %	70 - 130 %	20%
71-43-2	Benzene	2,500	2,300	**94** %	2,500	2,400	**94** %	**1** %	70 - 130 %	20%
107-06-2	1,2-Dichloroethane	2,500	2,400	**96** %	2,500	2,400	**98** %	**1** %	70 - 130 %	20%
79-01-6	Trichloroethene	2,500	2,400	**96** %	2,500	2,400	**98** %	**2** %	70 - 130 %	20%
78-87-5	1,2-Dichloropropane	2,500	2,500	**101** %	2,500	2,500	**102** %	**0** %	70 - 130 %	20%
74-95-3	Dibromomethane	2,500	2,500	**100** %	2,500	2,500	**102** %	**2** %	70 - 130 %	20%
75-27-4	Bromodichloromethane	2,500	2,700	**107** %	2,500	2,700	**107** %	**0** %	70 - 130 %	20%
123-91-1	1,4-Dioxane	50,000	41,000	**82** %	50,000	42,000	**84** %	**3** %	70 - 130 %	20%
10061-01-5	*cis*-1,3-Dichloropropene	2,500	2,600	**102** %	2,500	2,600	**104** %	**2** %	70 - 130 %	20%
108-10-1	4-Methyl-2-Pentanone (MIBK)	5,000	4,800	**96** %	5,000	4,900	**97** %	**1** %	70 - 130 %	20%
108-88-3	Toluene	2,500	2,500	**101** %	2,500	2,500	**101** %	**1** %	70 - 130 %	20%
10061-02-6	*trans*-1,3-Dichloropropene	2,500	2,200	**90** %	2,500	2,300	**92** %	**2** %	70 - 130 %	20%
79-00-5	1,1,2-Trichloroethane	2,500	2,300	**92** %	2,500	2,500	**99** %	**7** %	70 - 130 %	20%
127-18-4	Tetrachloroethene	2,500	2,500	**100** %	2,500	2,500	**101** %	**2** %	70 - 130 %	20%
142-28-9	1,3-Dichloropropane	2,500	2,300	**92** %	2,500	2,400	**97** %	**5** %	70 - 130 %	20%
591-78-6	2-Hexanone	5,000	4,500	**89** %	5,000	4,600	**92** %	**3** %	70 - 130 %	20%
124-48-1	Dibromochloromethane	2,500	2,500	**102** %	2,500	2,600	**104** %	**2** %	70 - 130 %	20%
106-93-4	1,2-Dibromoethane (EDB)	2,500	2,600	**104** %	2,500	2,700	**109** %	**5** %	70 - 130 %	20%
108-90-7	Chlorobenzene	2,500	2,500	**100** %	2,500	2,600	**103** %	**2** %	70 - 130 %	20%
630-20-6	1,1,1,2-Tetrachloroethane	2,500	2,900	**118** %	2,500	3,000	**120** %	**2** %	70 - 130 %	20%
100-41-4	Ethylbenzene	2,500	2,600	**105** %	2,500	2,700	**106** %	**1** %	70 - 130 %	20%
108-38-3/106-42-3	*meta*-Xylene and *para*-Xylene	5,000	5,300	**106** %	5,000	5,400	**108** %	**2** %	70 - 130 %	20%
95-47-6	*ortho*-Xylene	2,500	2,700	**108** %	2,500	2,700	**110** %	**1** %	70 - 130 %	20%
100-42-5	Styrene	2,500	2,900	**115** %	2,500	2,900	**117** %	**1** %	70 - 130 %	20%
75-25-2	Bromoform	2,500	2,700	**109** %	2,500	2,800	**111** %	**2** %	70 - 130 %	20%

GROUNDWATER ANALYTICAL

Quality Control Report
Laboratory Control Samples

		LCS		LCSD	
Category:	**EPA Method 8260B**	Instrument ID:	**MS-8 HP 6890**	Instrument ID:	**MS-8 HP 6890**
QC Batch ID:	**VM8-1440-E**	Analyzed:	**05-23-11 08:45**	Analyzed:	**05-23-11 09:27**
Matrix:	**Soil**	Analyst:	**LMG**	Analyst:	**LMG**
Units:	**ug/kg**				

CAS Number	Analyte	LCS			LCS Duplicate				QC Limits	
		Spiked	Measured	Recovery	Spiked	Measured	Recovery	RPD	Spike	RPD
98-82-8	Isopropylbenzene	2,500	2,300	**91** %	2,500	2,300	**92** %	**1** %	70 - 130 %	20%
108-86-1	Bromobenzene	2,500	2,800	**114** %	2,500	2,800	**114** %	**0** %	70 - 130 %	20%
79-34-5	1,1,2,2-Tetrachloroethane	2,500	2,600	**105** %	2,500	2,700	**108** %	**3** %	70 - 130 %	20%
96-18-4	1,2,3-Trichloropropane	2,500	2,500	**102** %	2,500	2,600	**106** %	**4** %	70 - 130 %	20%
110-57-6	*trans*-1,4-Dichloro-2-butene	10,000	12,000	**116** %	10,000	12,000	**119** %	**2** %	70 - 130 %	20%
103-65-1	*n*-Propylbenzene	2,500	2,800	**111** %	2,500	2,800	**112** %	**1** %	70 - 130 %	20%
95-49-8	2-Chlorotoluene	2,500	2,800	**113** %	2,500	2,900	**116** %	**3** %	70 - 130 %	20%
108-67-8	1,3,5-Trimethylbenzene	2,500	2,900	**117** %	2,500	2,900	**118** %	**1** %	70 - 130 %	20%
106-43-4	4-Chlorotoluene	2,500	2,800	**113** %	2,500	2,700	**109** %	**3** %	70 - 130 %	20%
98-06-6	*tert*-Butylbenzene	2,500	2,900	**115** %	2,500	2,900	**116** %	**1** %	70 - 130 %	20%
95-63-6	1,2,4-Trimethylbenzene	2,500	2,900	**116** %	2,500	2,900	**117** %	**1** %	70 - 130 %	20%
135-98-8	*sec*-Butylbenzene	2,500	2,800	**111** %	2,500	2,800	**111** %	**0** %	70 - 130 %	20%
541-73-1	1,3-Dichlorobenzene	2,500	2,800	**112** %	2,500	2,800	**113** %	**1** %	70 - 130 %	20%
99-87-6	4-Isopropyltoluene	2,500	2,800	**111** %	2,500	2,800	**111** %	**0** %	70 - 130 %	20%
106-46-7	1,4-Dichlorobenzene	2,500	2,900	**116** %	2,500	2,900	**117** %	**1** %	70 - 130 %	20%
95-50-1	1,2-Dichlorobenzene	2,500	2,900	**117** %	2,500	3,000	**121** %	**3** %	70 - 130 %	20%
104-51-8	*n*-Butylbenzene	2,500	2,700	**109** %	2,500	2,700	**109** %	**0** %	70 - 130 %	20%
96-12-8	1,2-Dibromo-3-chloropropane	2,500	2,300	**91** %	2,500	2,400	**96** %	**4** %	70 - 130 %	20%
108-70-3	1,3,5-Trichlorobenzene	2,500	2,600	**105** %	2,500	2,700	**106** %	**1** %	70 - 130 %	20%
120-82-1	1,2,4-Trichlorobenzene	2,500	2,700	**107** %	2,500	2,700	**109** %	**2** %	70 - 130 %	20%
87-68-3	Hexachlorobutadiene	2,500	2,800	**113** %	2,500	2,900	**115** %	**2** %	70 - 130 %	20%
91-20-3	Naphthalene	2,500	2,400	**94** %	2,500	2,400	**96** %	**2** %	70 - 130 %	20%
87-61-6	1,2,3-Trichlorobenzene	2,500	2,700	**109** %	2,500	2,800	**112** %	**2** %	70 - 130 %	20%
75-65-0	*tert*-Butyl Alcohol (TBA)	50,000	49,000	**97** %	50,000	49,000	**99** %	**2** %	70 - 130 %	20%
108-20-3	Di-isopropyl Ether (DIPE)	2,500	2,500	**102** %	2,500	2,600	**104** %	**3** %	70 - 130 %	20%
637-92-3	Ethyl *tert*-butyl Ether (ETBE)	2,500	2,400	**97** %	2,500	2,500	**100** %	**3** %	70 - 130 %	20%
994-05-8	*tert*-Amyl Methyl Ether (TAME)	2,500	2,200	**89** %	2,500	2,200	**90** %	**1** %	70 - 130 %	20%

QC Surrogate Compound	Spiked	Measured	Recovery	Spiked	Measured	Recovery		QC Limits
Dibromofluoromethane	2,500	2,300	**94** %	2,500	2,300	**93** %		70 - 130 %
1,2-Dichloroethane-d_4	2,500	1,900	**74** %	2,500	1,900	**76** %		70 - 130 %
Toluene-d_8	2,500	2,600	**104** %	2,500	2,600	**102** %		70 - 130 %
4-Bromofluorobenzene	2,500	2,700	**110** %	2,500	2,800	**110** %		70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A.

Report Notations: All calculations performed prior to rounding. Quality Control Limits are defined by the methodology, or alternatively based upon the historical average recovery plus or minus three standard deviation units.

q Recovery outside recommended limits.

GROUNDWATER ANALYTICAL

Quality Control Report
Method Blank

Category:	**EPA Method 8260B**	Instrument ID:	**MS-8 HP 6890**
QC Batch ID:	**VM8-1440-E**	Analyzed:	**05-23-11 10:01**
Matrix:	**Soil**	Analyst:	**LMG**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/Kg	500
74-87-3	Chloromethane	BRL		ug/Kg	500
75-01-4	Vinyl Chloride	BRL		ug/Kg	500
74-83-9	Bromomethane	BRL		ug/Kg	500
75-00-3	Chloroethane	BRL		ug/Kg	500
75-69-4	Trichlorofluoromethane	BRL		ug/Kg	500
60-29-7	Diethyl Ether	BRL		ug/Kg	500
75-35-4	1,1-Dichloroethene	BRL		ug/Kg	250
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/Kg	2,500
67-64-1	Acetone	BRL		ug/Kg	2,500
75-15-0	Carbon Disulfide	BRL		ug/Kg	2,500
75-09-2	Methylene Chloride	BRL		ug/Kg	1,000
107-13-1	Acrylonitrile	BRL		ug/Kg	250
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/Kg	250
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/Kg	250
75-34-3	1,1-Dichloroethane	BRL		ug/Kg	250
594-20-7	2,2-Dichloropropane	BRL		ug/Kg	250
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/Kg	250
78-93-3	2-Butanone (MEK)	BRL		ug/Kg	2,500
74-97-5	Bromochloromethane	BRL		ug/Kg	250
109-99-9	Tetrahydrofuran (THF)	BRL		ug/Kg	2,500
67-66-3	Chloroform	BRL		ug/Kg	250
71-55-6	1,1,1-Trichloroethane	BRL		ug/Kg	250
56-23-5	Carbon Tetrachloride	BRL		ug/Kg	250
563-58-6	1,1-Dichloropropene	BRL		ug/Kg	250
71-43-2	Benzene	BRL		ug/Kg	250
107-06-2	1,2-Dichloroethane	BRL		ug/Kg	250
79-01-6	Trichloroethene	BRL		ug/Kg	250
78-87-5	1,2-Dichloropropane	BRL		ug/Kg	250
74-95-3	Dibromomethane	BRL		ug/Kg	250
75-27-4	Bromodichloromethane	BRL		ug/Kg	250
123-91-1	1,4-Dioxane	BRL		ug/Kg	250,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/Kg	250
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/Kg	2,500
108-88-3	Toluene	BRL		ug/Kg	250
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/Kg	250
79-00-5	1,1,2-Trichloroethane	BRL		ug/Kg	250
127-18-4	Tetrachloroethene	BRL		ug/Kg	250
142-28-9	1,3-Dichloropropane	BRL		ug/Kg	250
591-78-6	2-Hexanone	BRL		ug/Kg	2,500
124-48-1	Dibromochloromethane	BRL		ug/Kg	250
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/Kg	250
108-90-7	Chlorobenzene	BRL		ug/Kg	250
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/Kg	250
100-41-4	Ethylbenzene	BRL		ug/Kg	250
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/Kg	250
95-47-6	*ortho*- Xylene	BRL		ug/Kg	250
100-42-5	Styrene	BRL		ug/Kg	250
75-25-2	Bromoform	BRL		ug/Kg	250

GROUNDWATER ANALYTICAL

Quality Control Report
Method Blank

Category:	**EPA Method 8260B**	Instrument ID:	**MS-8 HP 6890**
QC Batch ID:	**VM8-1440-E**	Analyzed:	**05-23-11 10:01**
Matrix:	**Soil**	Analyst:	**LMG**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
98-82-8	Isopropylbenzene	BRL		ug/Kg	250
108-86-1	Bromobenzene	BRL		ug/Kg	250
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/Kg	250
96-18-4	1,2,3-Trichloropropane	BRL		ug/Kg	250
110-57-6	*trans*-1,4-Dichloro-2-butene	BRL		ug/Kg	2,500
103-65-1	*n*-Propylbenzene	BRL		ug/Kg	250
95-49-8	2-Chlorotoluene	BRL		ug/Kg	250
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/Kg	250
106-43-4	4-Chlorotoluene	BRL		ug/Kg	250
98-06-6	*tert*-Butylbenzene	BRL		ug/Kg	250
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/Kg	250
135-98-8	*sec*-Butylbenzene	BRL		ug/Kg	250
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	250
99-87-6	4-Isopropyltoluene	BRL		ug/Kg	250
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	250
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	250
104-51-8	*n*-Butylbenzene	BRL		ug/Kg	250
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/Kg	250
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/Kg	250
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	250
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	250
91-20-3	Naphthalene	BRL		ug/Kg	250
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/Kg	250
75-65-0	*tert*-Butyl Alcohol (TBA)	BRL		ug/Kg	10,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/Kg	250
637-92-3	Ethyl *tert*-butyl Ether (ETBE)	BRL		ug/Kg	250
994-05-8	*tert*-Amyl Methyl Ether (TAME)	BRL		ug/Kg	250

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	2,500	2,500	**98** %	70 - 130 %
1,2-Dichloroethane-d_4	2,500	2,000	**80** %	70 - 130 %
Toluene-d_8	2,500	2,600	**102** %	70 - 130 %
4-Bromofluorobenzene	2,500	3,100	**124** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5035A.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Quality Control Report
Laboratory Control Samples

		LCS		LCSD	
Category:	**EPA Method 8270C**	Instrument ID:	**MS-12 Agilent 6890**	Instrument ID:	**MS-12 Agilent 6890**
QC Batch ID:	**SV-2467-P**	Extracted:	**05-18-11 16:30**	Extracted:	**05-18-11 16:30**
Matrix:	**Soil**	Analyzed:	**05-19-11 13:47**	Analyzed:	**05-19-11 14:32**
Units:	**ug/Kg**	Analyst:	**MJB**	Analyst:	**MJB**

CAS Number	Analyte	LCS			LCS Duplicate				QC Limits	
		Spiked	Measured	Recovery	Spiked	Measured	Recovery	RPD	Spike	RPD
62-75-9	N-Nitrosodimethylamine	3,300	2,400	**72** %	3,300	2,600	**77** %	**7** %	40 - 140 %	30%
110-86-1	Pyridine	3,300	1,800	**54** %	3,300	1,900	**56** %	**3** %	40 - 140 %	30%
108-95-2	Phenol	3,300	2,600	**77** %	3,300	2,700	**80** %	**4** %	30 - 130 %	30%
62-53-3	Aniline	3,300	2,300	**68** %	3,300	2,300	**68** %	**0** %	40 - 140 %	30%
111-44-4	Bis(2-chloroethyl) ether	3,300	2,700	**82** %	3,300	2,800	**84** %	**3** %	40 - 140 %	30%
95-57-8	2-Chlorophenol	3,300	2,700	**80** %	3,300	2,700	**81** %	**2** %	30 - 130 %	30%
541-73-1	1,3-Dichlorobenzene	3,300	2,500	**74** %	3,300	2,600	**77** %	**3** %	40 - 140 %	30%
106-46-7	1,4-Dichlorobenzene	3,300	2,500	**74** %	3,300	2,500	**76** %	**2** %	40 - 140 %	30%
100-51-6	Benzyl Alcohol	3,300	2,800	**85** %	3,300	2,900	**87** %	**2** %	30 - 130 %	30%
95-50-1	1,2-Dichlorobenzene	3,300	2,600	**77** %	3,300	2,600	**79** %	**3** %	40 - 140 %	30%
95-48-7	2-Methylphenol	3,300	2,800	**83** %	3,300	2,800	**83** %	**0** %	30 - 130 %	30%
108-60-1	Bis(2-chloroisopropyl) ether	3,300	2,700	**81** %	3,300	2,800	**83** %	**2** %	40 - 140 %	30%
106-44-5	4-Methylphenol	3,300	2,700	**82** %	3,300	2,800	**83** %	**0** %	30 - 130 %	30%
621-64-7	N-Nitrosodi-n-propylamine	3,300	2,400	**73** %	3,300	2,400	**73** %	**1** %	40 - 140 %	30%
98-86-2	Acetophenone	3,300	3,000	**90** %	3,300	3,100	**92** %	**2** %	40 - 140 %	30%
67-72-1	Hexachloroethane	3,300	2,400	**73** %	3,300	2,500	**74** %	**2** %	40 - 140 %	30%
98-95-3	Nitrobenzene	3,300	2,800	**83** %	3,300	2,800	**85** %	**3** %	40 - 140 %	30%
78-59-1	Isophorone	3,300	2,700	**81** %	3,300	2,800	**83** %	**2** %	40 - 140 %	30%
88-75-5	2-Nitrophenol	3,300	2,900	**88** %	3,300	2,900	**88** %	**0** %	30 - 130 %	30%
105-67-9	2,4-Dimethylphenol	3,300	2,900	**86** %	3,300	2,900	**86** %	**1** %	30 - 130 %	30%
111-91-1	Bis(2-chloroethoxy) methane	3,300	2,800	**83** %	3,300	2,800	**85** %	**2** %	40 - 140 %	30%
120-83-2	2,4-Dichlorophenol	3,300	3,000	**89** %	3,300	3,000	**90** %	**1** %	30 - 130 %	30%
120-82-1	1,2,4-Trichlorobenzene	3,300	2,600	**78** %	3,300	2,600	**79** %	**2** %	40 - 140 %	30%
91-20-3	Naphthalene	3,300	2,700	**80** %	3,300	2,700	**82** %	**2** %	40 - 140 %	30%
106-47-8	4-Chloroaniline	3,300	2,500	**76** %	3,300	2,600	**77** %	**1** %	40 - 140 %	30%
87-68-3	Hexachlorobutadiene	3,300	2,700	**81** %	3,300	2,700	**82** %	**2** %	40 - 140 %	30%
59-50-7	4-Chloro-3-methylphenol	3,300	3,000	**91** %	3,300	3,000	**91** %	**1** %	30 - 130 %	30%
91-57-6	2-Methylnaphthalene	3,300	2,700	**81** %	3,300	2,800	**83** %	**2** %	40 - 140 %	30%
77-47-4	Hexachlorocyclopentadiene	3,300	2,800	**85** %	3,300	2,900	**88** %	**4** %	40 - 140 %	30%
88-06-2	2,4,6-Trichlorophenol	3,300	2,900	**87** %	3,300	2,900	**88** %	**2** %	30 - 130 %	30%
95-95-4	2,4,5-Trichlorophenol	3,300	2,900	**86** %	3,300	2,900	**86** %	**0** %	30 - 130 %	30%
91-58-7	2-Chloronaphthalene	3,300	2,600	**78** %	3,300	2,700	**80** %	**2** %	40 - 140 %	30%
88-74-4	2-Nitroaniline	3,300	3,100	**92** %	3,300	3,200	**95** %	**3** %	40 - 140 %	30%
100-25-4	1,4-Dinitrobenzene	3,300	3,100	**94** %	3,300	3,200	**96** %	**3** %	40 - 140 %	30%
131-11-3	Dimethyl phthalate	3,300	3,000	**89** %	3,300	3,000	**91** %	**2** %	40 - 140 %	30%
99-65-0	1,3-Dinitrobenzene	3,300	3,400	**102** %	3,300	3,600	**107** %	**5** %	40 - 140 %	30%
208-96-8	Acenaphthylene	3,300	2,700	**81** %	3,300	2,700	**82** %	**2** %	40 - 140 %	30%
606-20-2	2,6-Dinitrotoluene	3,300	3,000	**91** %	3,300	3,100	**93** %	**1** %	40 - 140 %	30%
528-29-0	1,2-Dinitrobenzene	3,300	2,900	**87** %	3,300	3,000	**90** %	**3** %	40 - 140 %	30%
99-09-2	3-Nitroaniline	3,300	2,900	**87** %	3,300	3,000	**90** %	**3** %	40 - 140 %	30%
83-32-9	Acenaphthene	3,300	2,800	**85** %	3,300	2,900	**86** %	**2** %	40 - 140 %	30%
51-28-5	2,4-Dinitrophenol	3,300	1,300	**40** %	3,300	980	**29** % q	**31** % q	30 - 130 %	30%
100-02-7	4-Nitrophenol	3,300	2,800	**85** %	3,300	2,800	**83** %	**2** %	30 - 130 %	30%
132-64-9	Dibenzofuran	3,300	2,700	**81** %	3,300	2,700	**82** %	**2** %	40 - 140 %	30%
121-14-2	2,4-Dinitrotoluene	3,300	3,000	**90** %	3,300	3,100	**93** %	**3** %	40 - 140 %	30%
84-66-2	Diethyl phthalate	3,300	3,100	**93** %	3,300	3,200	**96** %	**3** %	40 - 140 %	30%
7005-72-3	4-Chlorophenyl phenyl ether	3,300	2,800	**83** %	3,300	2,800	**84** %	**2** %	40 - 140 %	30%
86-73-7	Fluorene	3,300	2,900	**87** %	3,300	2,900	**88** %	**2** %	40 - 140 %	30%

GROUNDWATER ANALYTICAL

Quality Control Report
Laboratory Control Samples

		LCS		LCSD	
Category:	**EPA Method 8270C**	Instrument ID:	**MS-12 Agilent 6890**	Instrument ID:	**MS-12 Agilent 6890**
QC Batch ID:	**SV-2467-P**	Extracted:	**05-18-11 16:30**	Extracted:	**05-18-11 16:30**
Matrix:	**Soil**	Analyzed:	**05-19-11 13:47**	Analyzed:	**05-19-11 14:32**
Units:	**ug/Kg**	Analyst:	**MJB**	Analyst:	**MJB**

CAS Number	Analyte	LCS			LCS Duplicate				QC Limits	
		Spiked	Measured	Recovery	Spiked	Measured	Recovery	RPD	Spike	RPD
100-01-6	4-Nitroaniline	3,300	3,400	**103** %	3,300	3,600	**107** %	**3** %	40 - 140 %	30%
534-52-1	4,6-Dinitro-2-methylphenol	3,300	1,900	**58** %	3,300	1,300	**40** %	**37** % q	30 - 130 %	30%
86-30-6	N-Nitrosodiphenylamine †	3,300	2,900	**88** %	3,300	3,000	**89** %	**2** %	40 - 140 %	30%
122-66-7	1,2-Diphenylhydrazine à	3,300	2,900	**87** %	3,300	3,000	**90** %	**2** %	40 - 140 %	30%
101-55-3	4-Bromophenyl phenyl ether	3,300	2,900	**87** %	3,300	3,000	**89** %	**2** %	40 - 140 %	30%
118-74-1	Hexachlorobenzene	3,300	2,900	**86** %	3,300	2,900	**88** %	**3** %	40 - 140 %	30%
87-86-5	Pentachlorophenol	3,300	2,400	**72** %	3,300	2,200	**65** %	**12** %	30 - 130 %	30%
85-01-8	Phenanthrene	3,300	2,900	**86** %	3,300	2,900	**88** %	**3** %	40 - 140 %	30%
120-12-7	Anthracene	3,300	2,900	**88** %	3,300	3,000	**91** %	**4** %	40 - 140 %	30%
86-74-8	Carbazole	3,300	3,300	**98** %	3,300	3,400	**101** %	**4** %	40 - 140 %	30%
84-74-2	Di-*n*-butyl phthalate	3,300	3,100	**92** %	3,300	3,200	**95** %	**3** %	40 - 140 %	30%
206-44-0	Fluoranthene	3,300	2,900	**87** %	3,300	3,000	**89** %	**3** %	40 - 140 %	30%
129-00-0	Pyrene	3,300	2,900	**88** %	3,300	3,000	**90** %	**3** %	40 - 140 %	30%
85-68-7	Butyl benzyl phthalate	3,300	3,100	**94** %	3,300	3,200	**96** %	**2** %	40 - 140 %	30%
91-94-1	3,3'-Dichlorobenzidine	3,300	2,900	**88** %	3,300	2,900	**88** %	**1** %	40 - 140 %	30%
56-55-3	Benzo[a]anthracene	3,300	2,900	**87** %	3,300	3,000	**89** %	**3** %	40 - 140 %	30%
218-01-9	Chrysene	3,300	2,900	**86** %	3,300	3,000	**89** %	**3** %	40 - 140 %	30%
117-81-7	Bis(2-ethylhexyl) phthalate	3,300	3,100	**94** %	3,300	3,200	**97** %	**3** %	40 - 140 %	30%
117-84-0	Di-*n*-octyl phthalate	3,300	3,300	**98** %	3,300	3,400	**101** %	**3** %	40 - 140 %	30%
205-99-2	Benzo[b]fluoranthene	3,300	2,900	**88** %	3,300	3,000	**91** %	**3** %	40 - 140 %	30%
207-08-9	Benzo[k]fluoranthene	3,300	3,000	**89** %	3,300	3,000	**91** %	**2** %	40 - 140 %	30%
50-32-8	Benzo[a]pyrene	3,300	3,000	**90** %	3,300	3,100	**92** %	**2** %	40 - 140 %	30%
193-39-5	Indeno[1,2,3-c,d]pyrene	3,300	3,000	**90** %	3,300	3,100	**92** %	**2** %	40 - 140 %	30%
53-70-3	Dibenzo[a,h]anthracene	3,300	3,000	**90** %	3,300	3,100	**93** %	**3** %	40 - 140 %	30%
191-24-2	Benzo[g,h,i]perylene	3,300	2,900	**88** %	3,300	3,000	**90** %	**2** %	40 - 140 %	30%

QC Surrogate Compound	Spiked	Measured	Recovery	Spiked	Measured	Recovery		QC Limits
2-Fluorophenol	13,000	8,500	**64** %	13,000	8,500	**64** %		30 - 130 %
Phenol-d5	13,000	8,800	**66** %	13,000	8,800	**66** %		30 - 130 %
Nitrobenzene-d5	6,700	5,400	**81** %	6,700	5,500	**82** %		30 - 130 %
2-Fluorobiphenyl	6,700	4,600	**69** %	6,700	4,700	**70** %		30 - 130 %
2,4,6-Tribromophenol	13,000	10,000	**75** %	13,000	10,000	**76** %		30 - 130 %
Terphenyl-d14	6,700	4,800	**72** %	6,700	4,900	**73** %		30 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample extraction performed by EPA Method 3545.

Report Notations: All calculations performed prior to rounding. Quality Control Limits are defined by the methodology, or alternatively based upon the historical average recovery plus or minus three standard deviation units.

† Reported as sum of N-Nitrosodiphenylamine and Diphenylamine.

◊ Analyzed as Azobenzene.

q Recovery outside recommended limits.

GROUNDWATER ANALYTICAL

Quality Control Report
Method Blank

Category:	**EPA Method 8270C**	Instrument ID:	**MS-12 Agilent 6890**
QC Batch ID:	**SV-2467-P**	Extracted:	**05-18-11 16:30**
Matrix:	**Soil**	Analyzed:	**05-19-11 15:17**
		Analyst:	**MJB**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
62-75-9	N-Nitrosodimethylamine	BRL		ug/Kg	330
110-86-1	Pyridine	BRL		ug/Kg	330
108-95-2	Phenol	BRL		ug/Kg	330
62-53-3	Aniline	BRL		ug/Kg	330
111-44-4	Bis(2-chloroethyl) ether	BRL		ug/Kg	330
95-57-8	2-Chlorophenol	BRL		ug/Kg	330
541-73-1	1,3-Dichlorobenzene	BRL		ug/Kg	330
106-46-7	1,4-Dichlorobenzene	BRL		ug/Kg	330
100-51-6	Benzyl Alcohol	BRL		ug/Kg	330
95-50-1	1,2-Dichlorobenzene	BRL		ug/Kg	330
95-48-7	2-Methylphenol	BRL		ug/Kg	330
108-60-1	Bis(2-chloroisopropyl) ether	BRL		ug/Kg	330
108-39-4/106-44-5	3 and 4-Methylphenol *	BRL		ug/Kg	330
621-64-7	N-Nitrosodi-n-propylamine	BRL		ug/Kg	330
98-86-2	Acetophenone	BRL		ug/Kg	330
67-72-1	Hexachloroethane	BRL		ug/Kg	330
98-95-3	Nitrobenzene	BRL		ug/Kg	330
78-59-1	Isophorone	BRL		ug/Kg	330
88-75-5	2-Nitrophenol	BRL		ug/Kg	330
105-67-9	2,4-Dimethylphenol	BRL		ug/Kg	330
111-91-1	Bis(2-chloroethoxy) methane	BRL		ug/Kg	330
120-83-2	2,4-Dichlorophenol	BRL		ug/Kg	330
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/Kg	330
91-20-3	Naphthalene	BRL		ug/Kg	330
106-47-8	4-Chloroaniline	BRL		ug/Kg	330
87-68-3	Hexachlorobutadiene	BRL		ug/Kg	330
59-50-7	4-Chloro-3-methylphenol	BRL		ug/Kg	330
91-57-6	2-Methylnaphthalene	BRL		ug/Kg	330
77-47-4	Hexachlorocyclopentadiene	BRL		ug/Kg	330
88-06-2	2,4,6-Trichlorophenol	BRL		ug/Kg	330
95-95-4	2,4,5-Trichlorophenol	BRL		ug/Kg	330
91-58-7	2-Chloronaphthalene	BRL		ug/Kg	330
88-74-4	2-Nitroaniline	BRL		ug/Kg	330
100-25-4	1,4-Dinitrobenzene	BRL		ug/Kg	330
131-11-3	Dimethyl phthalate	BRL		ug/Kg	330
99-65-0	1,3-Dinitrobenzene	BRL		ug/Kg	330
208-96-8	Acenaphthylene	BRL		ug/Kg	330
606-20-2	2,6-Dinitrotoluene	BRL		ug/Kg	330
528-29-0	1,2-Dinitrobenzene	BRL		ug/Kg	330
99-09-2	3-Nitroaniline	BRL		ug/Kg	330
83-32-9	Acenaphthene	BRL		ug/Kg	330
51-28-5	2,4-Dinitrophenol	BRL		ug/Kg	1332
100-02-7	4-Nitrophenol	BRL		ug/Kg	330
132-64-9	Dibenzofuran	BRL		ug/Kg	330
121-14-2	2,4-Dinitrotoluene	BRL		ug/Kg	330
84-66-2	Diethyl phthalate	BRL		ug/Kg	330
7005-72-3	4-Chlorophenyl phenyl ether	BRL		ug/Kg	330
86-73-7	Fluorene	BRL		ug/Kg	330
100-01-6	4-Nitroaniline	BRL		ug/Kg	330

GROUNDWATER ANALYTICAL

Quality Control Report
Method Blank

Category:	**EPA Method 8270C**	Instrument ID:	**MS-12 Agilent 6890**
QC Batch ID:	**SV-2467-P**	Extracted:	**05-18-11 16:30**
Matrix:	**Soil**	Analyzed:	**05-19-11 15:17**
		Analyst:	**MJB**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
534-52-1	4,6-Dinitro-2-methylphenol	BRL		ug/Kg	670
86-30-6	N-Nitrosodiphenylamine †	BRL		ug/Kg	330
122-66-7	1,2-Diphenylhydrazine ◊	BRL		ug/Kg	330
101-55-3	4-Bromophenyl phenyl ether	BRL		ug/Kg	330
118-74-1	Hexachlorobenzene	BRL		ug/Kg	330
87-86-5	Pentachlorophenol	BRL		ug/Kg	330
85-01-8	Phenanthrene	BRL		ug/Kg	330
120-12-7	Anthracene	BRL		ug/Kg	330
86-74-8	Carbazole	BRL		ug/Kg	330
84-74-2	Di-*n*-butyl phthalate	BRL		ug/Kg	330
206-44-0	Fluoranthene	BRL		ug/Kg	330
129-00-0	Pyrene	BRL		ug/Kg	330
85-68-7	Butyl benzyl phthalate	BRL		ug/Kg	330
91-94-1	3,3'-Dichlorobenzidine	BRL		ug/Kg	330
56-55-3	Benzo[a]anthracene	BRL		ug/Kg	330
218-01-9	Chrysene	BRL		ug/Kg	330
117-81-7	Bis(2-ethylhexyl) phthalate	BRL		ug/Kg	330
117-84-0	Di-*n*-octyl phthalate	BRL		ug/Kg	330
205-99-2	Benzo[b]fluoranthene	BRL		ug/Kg	330
207-08-9	Benzo[k]fluoranthene	BRL		ug/Kg	330
50-32-8	Benzo[a]pyrene	BRL		ug/Kg	330
193-39-5	Indeno[1,2,3-c,d]pyrene	BRL		ug/Kg	330
53-70-3	Dibenzo[a,h]anthracene	BRL		ug/Kg	330
191-24-2	Benzo[g,h,i]perylene	BRL		ug/Kg	330

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
2-Fluorophenol	13,000	8,200	**62** %	30 - 130 %
Phenol-d5	13,000	8,700	**65** %	30 - 130 %
Nitrobenzene-d5	6,700	5,300	**80** %	30 - 130 %
2-Fluorobiphenyl	6,700	4,500	**68** %	30 - 130 %
2,4,6-Tribromophenol	13,000	9,000	**68** %	30 - 130 %
Terphenyl-d14	6,700	4,400	**66** %	30 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample extraction performed by EPA Method 3545.

Report Notations:

BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

* Analyzed as 4-Methylphenol.

† Reported as sum of N-Nitrosodiphenylamine and Diphenylamine.

◊ Analyzed as Azobenzene.

GROUNDWATER ANALYTICAL

Certifications and Approvals

Groundwater Analytical maintains environmental laboratory certification in a variety of states.
Copies of our current certificates may be obtained from our website:

http://www.groundwateranalytical.com/qualifications.htm

CONNECTICUT

Department of Health Services, PH-0586 — Potable Water, Wastewater, Solid Waste and Soil
http://www.ct.gov/dph/lib/dph/environmental health/environmental laboratories/pdf/Out State.pdf

MASSACHUSETTS

Department of Environmental Protection, M-MA-103 — Potable Water and Non-Potable Water
http://public.dep.state.ma.us/labcert/labcert.aspx

Department of Labor,
Division of Occupational Safety, AA000195 — Asbestos Analytical Services, Class A
http://www.mass.gov/dos/forms/la-rpt list aa.pdf

NEW HAMPSHIRE

Department of Environmental Services, 202708 — Potable Water, Non-Potable Water, Solid and Chemical Materials
http://www4.egov.nh.gov/DES/NHELAP

NEW YORK

Department of Health, 11754 — Potable Water, Non-Potable Water, Solid and Hazardous Waste
http://www.wadsworth.org/labcert/elap/comm.html

RHODE ISLAND

Department of Health,
Division of Laboratories, LAO00054 — Potable and Non-Potable Water Microbiology, Organic and Inorganic Chemistry
http://www.health.ri.gov/labs/outofstatelabs.pdf

U.S. DEPARTMENT OF AGRICULTURE

USDA, Soil Permit, S-53921 — Foreign soil import permit

VERMONT

Department of Health, VT-87643 — Potable Water
http://healthvermont.gov/enviro/ph_lab/water_test.aspx#cert

GROUNDWATER ANALYTICAL

Certifications and Approvals

MASSACHUSETTS	Department of Environmental Protection, M-MA-103

Groundwater Analytical maintains MassDEP environmental laboratory certification for only the methods and analytes listed below. Analyses for certified analytes are conducted in accordance with MassDEP certification standards, except as may be specifically noted in the project narrative.

Potable Water (Drinking Water)

Analyte	Method
1,2-Dibromo-3-Chloropropane	EPA 504.1
1,2-Dibromoethane	EPA 504.1
Alkalinity, Total	SM 2320-B
Antimony	EPA 200.8
Arsenic	EPA 200.8
Barium	EPA 200.7
Barium	EPA 200.8
Beryllium	EPA 200.7
Beryllium	EPA 200.8
Cadmium	EPA 200.7
Cadmium	EPA 200.8
Calcium	EPA 200.7
Chlorine, Residual Free	SM 4500-CL-G
Chromium	EPA 200.7
Copper	EPA 200.7
Copper	EPA 200.8
Cyanide, Total	Lachat 10-204-00-1-A
E. Coli (Treatment and Distribution)	Enz. Sub. SM 9223
E. Coli (Treatment and Distribution)	NA-MUG SM 9222-G
Fecal Coliform (Source Water)	MF SM 9222-D
Fluoride	EPA 300.0
Fluoride	SM 4500-F-C
Haloacetic Acids	EPA 552.2
Heterotrophic Plate Count	SM 9215-B
Lead	EPA 200.8
Mercury	EPA 245.1
Nickel	EPA 200.7
Nickel	EPA 200.8
Nitrate-N	EPA 300.0
Nitrate-N	Lachat 10-107-04-1-C
Nitrite-N	EPA 300.0
Nitrite-N	Lachat 10-107-04-1-C
pH	SM 4500-H-B
Selenium	EPA 200.8
Silver	EPA 200.7
Silver	EPA 200.8
Sodium	EPA 200.7
Sulfate	EPA 300.0
Thallium	EPA 200.8
Total Coliform (Treatment and Distribution)	Enz. Sub. SM 9223
Total Coliform (Treatment and Distribution)	MF SM 9222-B
Total Dissolved Solids	SM 2540-C
Trihalomethanes	EPA 524.2
Turbidity	SM 2130-B
Volatile Organic Compounds	EPA 524.2

Non-Potable Water (Wastewater)

Analyte	Method
Aldrin	EPA 608
Alkalinity, Total	SM 2320-B
Alpha-BHC	EPA 608
Aluminum	EPA 200.7

Non-Potable Water (Wastewater)

Analyte	Method
Aluminum	EPA 200.8
Ammonia-N	Lachat 10-107-06-1-B
Antimony	EPA 200.7
Antimony	EPA 200.8
Arsenic	EPA 200.7
Arsenic	EPA 200.8
Beryllium	EPA 200.7
Beryllium	EPA 200.8
Beta-BHC	EPA 608
Biochemical Oxygen Demand	SM 5210-B
Cadmium	EPA 200.7
Cadmium	EPA 200.8
Calcium	EPA 200.7
Chemical Oxygen Demand	SM 5220-D
Chlordane	EPA 608
Chloride	EPA 300.0
Chlorine, Total Residual	SM 4500-CL-G
Chromium	EPA 200.7
Chromium	EPA 200.8
Cobalt	EPA 200.7
Cobalt	EPA 200.8
Copper	EPA 200.7
Copper	EPA 200.8
Cyanide, Total	Lachat 10-204-00-1-A
DDD	EPA 608
DDE	EPA 608
DDT	EPA 608
Delta-BHC	EPA 608
Dieldrin	EPA 608
Endosulfan I	EPA 608
Endosulfan II	EPA 608
Endosulfan Sulfate	EPA 608
Endrin	EPA 608
Endrin Aldehyde	EPA 608
Gamma-BHC	EPA 608
Hardness (CaCO3), Total	EPA 200.7
Hardness (CaCO3), Total	SM 2340-B
Heptachlor	EPA 608
Heptachlor Epoxide	EPA 608
Iron	EPA 200.7
Kjeldahl-N	Lachat 10-107-06-02-D
Lead	EPA 200.7
Magnesium	EPA 200.7
Manganese	EPA 200.7
Manganese	EPA 200.8
Mercury	EPA 245.1
Molybdenum	EPA 200.7
Molybdenum	EPA 200.8
Nickel	EPA 200.7
Nickel	EPA 200.8
Nitrate-N	EPA 300.0
Nitrate-N	Lachat 10-107-04-1-C
Non-Filterable Residue	SM 2540-D
Oil and Grease	EPA 1664

GROUNDWATER ANALYTICAL

Certifications and Approvals

MASSACHUSETTS	Department of Environmental Protection, M-MA-103

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Non-Potable Water (Wastewater)

Analyte	Method
Orthophosphate	Lachat 10-115-01-1-A
pH	SM 4500-H-B
Phenolics, Total	EPA 420.4
Phenolics, Total	Lachat 10-210-00-1-B
Phosphorus, Total	Lachat 10-115-01-1-C
Phosphorus, Total	SM 4500-P-B,E
Polychlorinated Biphenyls (Oil)	EPA 600/4-81-045
Polychlorinated Biphenyls (Water)	EPA 608
Potassium	EPA 200.7
Selenium	EPA 200.7
Selenium	EPA 200.8
Silver	EPA 200.7
Sodium	EPA 200.7
Specific Conductivity	SM 2510-B
Strontium	EPA 200.7
Sulfate	EPA 300.0
SVOC-Acid Extractables	EPA 625
SVOC-Base/Neutral Extractables	EPA 625
Thallium	EPA 200.7
Thallium	EPA 200.8
Titanium	EPA 200.7
Total Dissolved Solids	SM 2540-C
Total Organic Carbon	SM 5310-B
Toxaphene	EPA 608
Vanadium	EPA 200.7
Vanadium	EPA 200.8
Volatile Aromatics	EPA 602
Volatile Aromatics	EPA 624
Volatile Halocarbons	EPA 624
Zinc	EPA 200.7
Zinc	EPA 200.8

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www.groundwateranalytical.com

May 31, 2011

Ms. Abby Albano
Environmental Compliance Services, Inc.
588 Silver Street
Agawam, MA 01001

LABORATORY REPORT

Project: **CFI 1660 Storrs Rd, Mansfield/01-216075.00**
Lab ID: **142024**
Received: **05-18-11**

Dear Abby:

Enclosed are the analytical results for the above referenced project. The project was processed for Priority turnaround.

This letter authorizes the release of the analytical results, and should be considered a part of this report. This report contains a sample receipt report detailing the samples received, a project narrative indicating project changes and non-conformances, a quality control report, and a statement of our state certifications.

The analytical results contained in this report meet all applicable NELAC standards, except as may be specifically noted, or described in the project narrative. The analytical results relate only to the samples received. This report may only be used or reproduced in its entirety.

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Should you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,

Karyn E. Raymond

Karyn E. Raymond
Project Manager

KER/ker
Enclosures

GROUNDWATER ANALYTICAL

Sample Receipt Report

Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Delivery:	**GWA Courier**	Temperature:	**3.5ºC**
Client:	**Environmental Compliance Services, Inc.**	Airbill:	**n/a**	Chain of Custody:	**Present**
Lab ID:	**142024**	Lab Receipt:	**05-18-11**	Custody Seal(s):	**n/a**

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-1	ECS-1		Aqueous	5/17/11 10:30	EPA 8260B Volatile Organics with Oxygenates				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2004671	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004660	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004647	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-2	ECS-2		Aqueous	5/17/11 10:15	EPA 8260B Volatile Organics with Oxygenates				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2004673	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004672	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004659	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-3	ECS-3		Aqueous	5/17/11 12:35	EPA 8260B Volatile Organics with Oxygenates				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2004617	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004616	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004615	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-4	ECS-4		Aqueous	5/17/11 12:51	EPA 8260B Volatile Organics with Oxygenates				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2004641	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004640	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004639	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-5	MW-1		Aqueous	5/17/11 11:05	EPA 8260B Volatile Organics with Oxygenates				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2004649	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004634	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004625	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-6	MW-2		Aqueous	5/17/11 10:39	EPA 8260B Volatile Organics with Oxygenates				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2004658	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004648	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004635	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-7	MW-4		Aqueous	5/17/11 11:45	EPA 8260B Volatile Organics with Oxygenates				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2004636	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004624	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004611	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		

GROUNDWATER ANALYTICAL

Sample Receipt Report (Continued)

Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Delivery:	**GWA Courier**	Temperature:	**3.5ºC**
Client:	**Environmental Compliance Services, Inc.**	Airbill:	**n/a**	Chain of Custody:	**Present**
Lab ID:	**142024**	Lab Receipt:	**05-18-11**	Custody Seal(s):	**n/a**

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-8	MW-5S		Aqueous	5/17/11 12:30	EPA 8260B Volatile Organics with Oxygenates				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2004638	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004621	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004614	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-9	MW-5D		Aqueous	5/17/11 13:00	EPA 8260B Volatile Organics with Oxygenates				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2004623	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004612	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004610	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-10	MW-6		Aqueous	5/17/11 11:46	EPA 8260B Volatile Organics with Oxygenates				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2004620	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004619	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		
C2004618	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-11	Trip		Aqueous	5/17/11 0:00	EPA 8260B Volatile Organics with Oxygenates				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2004609	40 mL VOA Vial	Industrial	BX38716	HCL	R-6179A	03-31-11	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-12	ECS-2		Aqueous	5/17/11 10:15	EPA 8011 EDB and DBCP by GC/ECD				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018569	40 mL VOA Vial	n/a	n/a	Na2S2O3	n/a	n/a	n/a		
C2018570	40 mL VOA Vial	n/a	n/a	Na2S2O3	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-13	MW-2		Aqueous	5/17/11 10:39	EPA 8011 EDB and DBCP by GC/ECD				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2018567	40 mL VOA Vial	n/a	n/a	Na2S2O3	n/a	n/a	n/a		
C2018568	40 mL VOA Vial	n/a	n/a	Na2S2O3	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-14	ECS-4		Aqueous	5/17/11 12:51	EPA 8082 PCBs				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2002547	1 L Amber Glass	Industrial	BX38661	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-15	MW-2		Aqueous	5/17/11 10:39	EPA 8082 PCBs				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2002542	1 L Amber Glass	Industrial	BX38661	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-16	ECS-1		Aqueous	5/17/11 10:30	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2002539	1 L Amber Glass	Industrial	BX38661	None	n/a	n/a	n/a		

GROUNDWATER ANALYTICAL

Sample Receipt Report (Continued)

Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Delivery:	**GWA Courier**	Temperature:	**3.5ºC**
Client:	**Environmental Compliance Services, Inc.**	Airbill:	**n/a**	Chain of Custody:	**Present**
Lab ID:	**142024**	Lab Receipt:	**05-18-11**	Custody Seal(s):	**n/a**

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-17	ECS-2		Aqueous	5/17/11 10:15	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2002546	1 L Amber Glass	Industrial	BX38661	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-18	ECS-3		Aqueous	5/17/11 12:35	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2013908	1 L Amber Glass	Proline	BX38791	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-19	ECS-4		Aqueous	5/17/11 12:51	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2013910	1 L Amber Glass	Proline	BX38791	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-20	MW-1		Aqueous	5/17/11 11:05	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2002543	1 L Amber Glass	Industrial	BX38661	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-21	MW-2		Aqueous	5/17/11 10:39	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2013911	1 L Amber Glass	Proline	BX38791	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-22	MW-4		Aqueous	5/17/11 11:45	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2013914	1 L Amber Glass	Proline	BX38791	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-23	MW-5S		Aqueous	5/17/11 12:30	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2013915	1 L Amber Glass	Proline	BX38791	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-24	MW-5D		Aqueous	5/17/11 13:00	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2013909	1 L Amber Glass	Proline	BX38791	None	n/a	n/a	n/a		

Lab ID	Field ID		Matrix	Sampled	Method				Notes
142024-25	MW-6		Aqueous	5/17/11 11:46	CT ETPH				
Con ID	**Container**	**Vendor**	**QC Lot**	**Preserv**	**QC Lot**	**Prep**	**Ship**		
C2013906	1 L Amber Glass	Proline	BX38791	None	n/a	n/a	n/a		

GROUNDWATER ANALYTICAL

Data Certification

Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Lab ID:	**142024**
Client:	**Environmental Compliance Services, Inc.**	Received:	**05-18-11 15:29**

CT DEP Reasonable Confidence Protocols

This Form provides certifications for the following data set:

EPA 8260B:	142024-1,-2,-3,-4,-5,-6,-7,-8,-9,-10,-11
EPA 8082:	142024-14,-15
CT ETPH:	142024-16,-17,-18,-19,-20,-21,-22,-23,-24,-25

Sample Matrices:	Groundwater (X)	Soil/Sediment ( )	Drinking Water ( )	Other ( )		
RCP SW-846 Methods Used	8260B (X)	8151A ( )	6010B ( )	7470A/1A ( )	MA EPH ( )	
	8270C ( )	8081A ( )	6020A ( )	9012A[1] ( )	MA VPH ( )	
As specified in CT DEP Reasonable Confidence Protocols (check all that apply)	8082 (X)	8021B ( )	7000s[3] ( )	CT ETPH (X)	Other ( )	
	1. SW-846 Method 9012A (Equivalent to 9014)					
	2. SW-846 Methods 7000 Series. List individual method and analyte.					

An affirmative response to questions 1, 1A and 1B is required for "Reasonable Confidence" status.

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

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

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

Signature:	Karyn E. Raymond	Position:	Project Manager
Printed Name:	Karyn E. Raymond	Date:	05-31-11

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**ECS-1**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-1**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 10:30**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 07:39**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/L	0.50
74-87-3	Chloromethane	BRL		ug/L	0.50
75-01-4	Vinyl Chloride	BRL		ug/L	0.50
74-83-9	Bromomethane	BRL		ug/L	0.50
75-00-3	Chloroethane	BRL		ug/L	0.50
75-69-4	Trichlorofluoromethane	BRL		ug/L	0.50
60-29-7	Diethyl Ether	BRL		ug/L	2.0
75-35-4	1,1-Dichloroethene	BRL		ug/L	0.50
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/L	5.0
67-64-1	Acetone	BRL		ug/L	10
75-15-0	Carbon Disulfide	BRL		ug/L	5.0
75-09-2	Methylene Chloride	BRL		ug/L	2.5
107-13-1	Acrylonitrile	BRL		ug/L	2.5
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/L	0.50
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/L	0.50
75-34-3	1,1-Dichloroethane	BRL		ug/L	0.50
594-20-7	2,2-Dichloropropane	BRL		ug/L	0.50
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/L	0.50
78-93-3	2-Butanone (MEK)	BRL		ug/L	5.0
74-97-5	Bromochloromethane	BRL		ug/L	0.50
109-99-9	Tetrahydrofuran (THF)	BRL		ug/L	5.0
67-66-3	Chloroform	BRL		ug/L	0.50
71-55-6	1,1,1-Trichloroethane	BRL		ug/L	0.50
56-23-5	Carbon Tetrachloride	BRL		ug/L	0.50
563-58-6	1,1-Dichloropropene	BRL		ug/L	0.50
71-43-2	Benzene	BRL		ug/L	0.50
107-06-2	1,2-Dichloroethane	BRL		ug/L	0.50
79-01-6	Trichloroethene	BRL		ug/L	0.50
78-87-5	1,2-Dichloropropane	BRL		ug/L	0.50
74-95-3	Dibromomethane	BRL		ug/L	0.50
75-27-4	Bromodichloromethane	BRL		ug/L	0.50
123-91-1	1,4-Dioxane	BRL		ug/L	500
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/L	0.40
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/L	5.0
108-88-3	Toluene	BRL		ug/L	0.50
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/L	0.40
79-00-5	1,1,2-Trichloroethane	BRL		ug/L	0.50
127-18-4	Tetrachloroethene	BRL		ug/L	0.50
142-28-9	1,3-Dichloropropane	BRL		ug/L	0.50
591-78-6	2-Hexanone	BRL		ug/L	5.0
124-48-1	Dibromochloromethane	BRL		ug/L	0.50
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	0.50
108-90-7	Chlorobenzene	BRL		ug/L	0.50
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/L	0.50
100-41-4	Ethylbenzene	BRL		ug/L	0.50
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/L	0.50

GROUNDWATER ANALYTICAL

EPA Method 8260B (Continued)
Volatile Organics by GC/MS

Field ID:	**ECS-1**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-1**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 10:30**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 07:39**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/L	0.50
100-42-5	Styrene	BRL		ug/L	0.50
75-25-2	Bromoform	BRL		ug/L	0.50
98-82-8	Isopropylbenzene	BRL		ug/L	0.50
108-86-1	Bromobenzene	BRL		ug/L	0.50
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/L	0.50
96-18-4	1,2,3-Trichloropropane	BRL		ug/L	0.50
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/L	25
103-65-1	*n* -Propylbenzene	BRL		ug/L	0.50
95-49-8	2-Chlorotoluene	BRL		ug/L	0.50
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/L	0.50
106-43-4	4-Chlorotoluene	BRL		ug/L	0.50
98-06-6	*tert*- Butylbenzene	BRL		ug/L	0.50
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/L	0.50
135-98-8	*sec* -Butylbenzene	BRL		ug/L	0.50
541-73-1	1,3-Dichlorobenzene	BRL		ug/L	0.50
99-87-6	4-Isopropyltoluene	BRL		ug/L	0.50
106-46-7	1,4-Dichlorobenzene	BRL		ug/L	0.50
95-50-1	1,2-Dichlorobenzene	BRL		ug/L	0.50
104-51-8	*n* -Butylbenzene	BRL		ug/L	0.50
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/L	0.50
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/L	0.50
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/L	0.50
87-68-3	Hexachlorobutadiene	BRL		ug/L	0.50
91-20-3	Naphthalene	BRL		ug/L	0.50
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/L	0.50
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/L	20
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/L	0.50
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/L	0.50
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/L	0.50

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	10	9.3	**93** %	70 - 130 %
1,2-Dichloroethane-d_4	10	10	**105** %	70 - 130 %
Toluene-d_8	10	9.0	**90** %	70 - 130 %
4-Bromofluorobenzene	10	8.3	**83** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5030B.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**ECS-2**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-2**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 10:15**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 08:29**	Dilution Factor:	**10**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/L	5.0
74-87-3	Chloromethane	BRL		ug/L	5.0
75-01-4	Vinyl Chloride	BRL		ug/L	5.0
74-83-9	Bromomethane	BRL		ug/L	5.0
75-00-3	Chloroethane	BRL		ug/L	5.0
75-69-4	Trichlorofluoromethane	BRL		ug/L	5.0
60-29-7	Diethyl Ether	BRL		ug/L	20
75-35-4	1,1-Dichloroethene	BRL		ug/L	5.0
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/L	50
67-64-1	Acetone	BRL		ug/L	100
75-15-0	Carbon Disulfide	BRL		ug/L	50
75-09-2	Methylene Chloride	BRL		ug/L	50
107-13-1	Acrylonitrile	BRL		ug/L	25
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/L	5.0
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/L	5.0
75-34-3	1,1-Dichloroethane	BRL		ug/L	5.0
594-20-7	2,2-Dichloropropane	BRL		ug/L	5.0
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/L	5.0
78-93-3	2-Butanone (MEK)	BRL		ug/L	50
74-97-5	Bromochloromethane	BRL		ug/L	5.0
109-99-9	Tetrahydrofuran (THF)	BRL		ug/L	50
67-66-3	Chloroform	BRL		ug/L	5.0
71-55-6	1,1,1-Trichloroethane	BRL		ug/L	5.0
56-23-5	Carbon Tetrachloride	BRL		ug/L	5.0
563-58-6	1,1-Dichloropropene	BRL		ug/L	5.0
71-43-2	Benzene	BRL		ug/L	5.0
107-06-2	1,2-Dichloroethane	BRL		ug/L	5.0
79-01-6	Trichloroethene	BRL		ug/L	5.0
78-87-5	1,2-Dichloropropane	BRL		ug/L	5.0
74-95-3	Dibromomethane	BRL		ug/L	5.0
75-27-4	Bromodichloromethane	BRL		ug/L	5.0
123-91-1	1,4-Dioxane	BRL		ug/L	5,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/L	4.0
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/L	50
108-88-3	Toluene	BRL		ug/L	5.0
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/L	4.0
79-00-5	1,1,2-Trichloroethane	BRL		ug/L	5.0
127-18-4	Tetrachloroethene	BRL		ug/L	5.0
142-28-9	1,3-Dichloropropane	BRL		ug/L	5.0
591-78-6	2-Hexanone	BRL		ug/L	50
124-48-1	Dibromochloromethane	BRL		ug/L	5.0
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	5.0
108-90-7	Chlorobenzene	BRL		ug/L	5.0
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/L	5.0
100-41-4	Ethylbenzene	**97**		ug/L	5.0
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	**140**		ug/L	5.0

GROUNDWATER ANALYTICAL

EPA Method 8260B (Continued)
Volatile Organics by GC/MS

Field ID:	**ECS-2**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-2**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 10:15**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 08:29**	Dilution Factor:	**10**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	**42**		ug/L	5.0
100-42-5	Styrene	BRL		ug/L	5.0
75-25-2	Bromoform	BRL		ug/L	5.0
98-82-8	Isopropylbenzene	**49**		ug/L	5.0
108-86-1	Bromobenzene	BRL		ug/L	5.0
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/L	5.0
96-18-4	1,2,3-Trichloropropane	BRL		ug/L	5.0
110-57-6	*trans*-1,4-Dichloro-2-butene	BRL		ug/L	250
103-65-1	*n*-Propylbenzene	**170**		ug/L	5.0
95-49-8	2-Chlorotoluene	BRL		ug/L	5.0
108-67-8	1,3,5-Trimethylbenzene	**220**		ug/L	5.0
106-43-4	4-Chlorotoluene	BRL		ug/L	5.0
98-06-6	*tert*- Butylbenzene	BRL		ug/L	5.0
95-63-6	1,2,4-Trimethylbenzene	**760**		ug/L	5.0
135-98-8	*sec*-Butylbenzene	**15**		ug/L	5.0
541-73-1	1,3-Dichlorobenzene	BRL		ug/L	5.0
99-87-6	4-Isopropyltoluene	**5.4**		ug/L	5.0
106-46-7	1,4-Dichlorobenzene	BRL		ug/L	5.0
95-50-1	1,2-Dichlorobenzene	BRL		ug/L	5.0
104-51-8	*n*-Butylbenzene	BRL		ug/L	5.0
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/L	5.0
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/L	5.0
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/L	5.0
87-68-3	Hexachlorobutadiene	BRL		ug/L	5.0
91-20-3	Naphthalene	**27**		ug/L	5.0
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/L	5.0
75-65-0	*tert*-Butyl Alcohol (TBA)	BRL		ug/L	200
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/L	5.0
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/L	5.0
994-05-8	*tert*-Amyl Methyl Ether (TAME)	BRL		ug/L	5.0

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	10	8.7	**87** %	70 - 130 %
1,2-Dichloroethane-d_4	10	9.6	**96** %	70 - 130 %
Toluene-d_8	10	9.4	**94** %	70 - 130 %
4-Bromofluorobenzene	10	8.4	**84** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5030B.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**ECS-3**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-3**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 12:35**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 09:18**	Dilution Factor:	**50**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/L	25
74-87-3	Chloromethane	BRL		ug/L	25
75-01-4	Vinyl Chloride	BRL		ug/L	25
74-83-9	Bromomethane	BRL		ug/L	25
75-00-3	Chloroethane	BRL		ug/L	25
75-69-4	Trichlorofluoromethane	BRL		ug/L	25
60-29-7	Diethyl Ether	BRL		ug/L	100
75-35-4	1,1-Dichloroethene	BRL		ug/L	25
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/L	250
67-64-1	Acetone	BRL		ug/L	500
75-15-0	Carbon Disulfide	BRL		ug/L	250
75-09-2	Methylene Chloride	BRL		ug/L	130
107-13-1	Acrylonitrile	BRL		ug/L	130
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/L	25
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/L	25
75-34-3	1,1-Dichloroethane	BRL		ug/L	25
594-20-7	2,2-Dichloropropane	BRL		ug/L	25
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/L	25
78-93-3	2-Butanone (MEK)	BRL		ug/L	250
74-97-5	Bromochloromethane	BRL		ug/L	25
109-99-9	Tetrahydrofuran (THF)	BRL		ug/L	250
67-66-3	Chloroform	BRL		ug/L	25
71-55-6	1,1,1-Trichloroethane	BRL		ug/L	25
56-23-5	Carbon Tetrachloride	BRL		ug/L	25
563-58-6	1,1-Dichloropropene	BRL		ug/L	25
71-43-2	Benzene	**170**		ug/L	25
107-06-2	1,2-Dichloroethane	BRL		ug/L	25
79-01-6	Trichloroethene	BRL		ug/L	25
78-87-5	1,2-Dichloropropane	BRL		ug/L	25
74-95-3	Dibromomethane	BRL		ug/L	25
75-27-4	Bromodichloromethane	BRL		ug/L	25
123-91-1	1,4-Dioxane	BRL		ug/L	25,000
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/L	20
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/L	250
108-88-3	Toluene	**44**		ug/L	25
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/L	20
79-00-5	1,1,2-Trichloroethane	BRL		ug/L	25
127-18-4	Tetrachloroethene	BRL		ug/L	25
142-28-9	1,3-Dichloropropane	BRL		ug/L	25
591-78-6	2-Hexanone	BRL		ug/L	250
124-48-1	Dibromochloromethane	BRL		ug/L	25
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	25
108-90-7	Chlorobenzene	BRL		ug/L	25
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/L	25
100-41-4	Ethylbenzene	**1,100**		ug/L	25
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	**2,200**		ug/L	25

GROUNDWATER ANALYTICAL

EPA Method 8260B (Continued)
Volatile Organics by GC/MS

Field ID:	**ECS-3**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-3**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 12:35**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 09:18**	Dilution Factor:	**50**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	**53**		ug/L	25
100-42-5	Styrene	BRL		ug/L	25
75-25-2	Bromoform	BRL		ug/L	25
98-82-8	Isopropylbenzene	**74**		ug/L	25
108-86-1	Bromobenzene	BRL		ug/L	25
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/L	25
96-18-4	1,2,3-Trichloropropane	BRL		ug/L	25
110-57-6	*trans*-1,4-Dichloro-2-butene	BRL		ug/L	1,300
103-65-1	*n*-Propylbenzene	**200**		ug/L	25
95-49-8	2-Chlorotoluene	BRL		ug/L	25
108-67-8	1,3,5-Trimethylbenzene	**290**		ug/L	25
106-43-4	4-Chlorotoluene	BRL		ug/L	25
98-06-6	*tert*- Butylbenzene	BRL		ug/L	25
95-63-6	1,2,4-Trimethylbenzene	**900**		ug/L	25
135-98-8	*sec*-Butylbenzene	BRL		ug/L	25
541-73-1	1,3-Dichlorobenzene	BRL		ug/L	25
99-87-6	4-Isopropyltoluene	BRL		ug/L	25
106-46-7	1,4-Dichlorobenzene	BRL		ug/L	25
95-50-1	1,2-Dichlorobenzene	BRL		ug/L	25
104-51-8	*n*-Butylbenzene	BRL		ug/L	25
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/L	25
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/L	25
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/L	25
87-68-3	Hexachlorobutadiene	BRL		ug/L	25
91-20-3	Naphthalene	**220**		ug/L	25
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/L	25
75-65-0	*tert*-Butyl Alcohol (TBA)	BRL		ug/L	1,000
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/L	25
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/L	25
994-05-8	*tert*-Amyl Methyl Ether (TAME)	BRL		ug/L	25

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	10	8.5	**85** %	70 - 130 %
1,2-Dichloroethane-d_4	10	9.7	**97** %	70 - 130 %
Toluene-d_8	10	9.3	**93** %	70 - 130 %
4-Bromofluorobenzene	10	8.6	**86** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5030B.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**ECS-4**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-4**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 12:51**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 09:44**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/L	0.50
74-87-3	Chloromethane	BRL		ug/L	0.50
75-01-4	Vinyl Chloride	BRL		ug/L	0.50
74-83-9	Bromomethane	BRL		ug/L	0.50
75-00-3	Chloroethane	BRL		ug/L	0.50
75-69-4	Trichlorofluoromethane	BRL		ug/L	0.50
60-29-7	Diethyl Ether	BRL		ug/L	2.0
75-35-4	1,1-Dichloroethene	BRL		ug/L	0.50
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/L	5.0
67-64-1	Acetone	BRL		ug/L	10
75-15-0	Carbon Disulfide	BRL		ug/L	5.0
75-09-2	Methylene Chloride	BRL		ug/L	2.5
107-13-1	Acrylonitrile	BRL		ug/L	2.5
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/L	0.50
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/L	0.50
75-34-3	1,1-Dichloroethane	BRL		ug/L	0.50
594-20-7	2,2-Dichloropropane	BRL		ug/L	0.50
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/L	0.50
78-93-3	2-Butanone (MEK)	BRL		ug/L	5.0
74-97-5	Bromochloromethane	BRL		ug/L	0.50
109-99-9	Tetrahydrofuran (THF)	BRL		ug/L	5.0
67-66-3	Chloroform	BRL		ug/L	0.50
71-55-6	1,1,1-Trichloroethane	BRL		ug/L	0.50
56-23-5	Carbon Tetrachloride	BRL		ug/L	0.50
563-58-6	1,1-Dichloropropene	BRL		ug/L	0.50
71-43-2	Benzene	BRL		ug/L	0.50
107-06-2	1,2-Dichloroethane	BRL		ug/L	0.50
79-01-6	Trichloroethene	BRL		ug/L	0.50
78-87-5	1,2-Dichloropropane	BRL		ug/L	0.50
74-95-3	Dibromomethane	BRL		ug/L	0.50
75-27-4	Bromodichloromethane	BRL		ug/L	0.50
123-91-1	1,4-Dioxane	BRL		ug/L	500
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/L	0.40
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/L	5.0
108-88-3	Toluene	BRL		ug/L	0.50
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/L	0.40
79-00-5	1,1,2-Trichloroethane	BRL		ug/L	0.50
127-18-4	Tetrachloroethene	BRL		ug/L	0.50
142-28-9	1,3-Dichloropropane	BRL		ug/L	0.50
591-78-6	2-Hexanone	BRL		ug/L	5.0
124-48-1	Dibromochloromethane	BRL		ug/L	0.50
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	0.50
108-90-7	Chlorobenzene	BRL		ug/L	0.50
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/L	0.50
100-41-4	Ethylbenzene	BRL		ug/L	0.50
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/L	0.50

GROUNDWATER ANALYTICAL

EPA Method 8260B (Continued)
Volatile Organics by GC/MS

Field ID:	**ECS-4**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-4**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 12:51**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 09:44**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/L	0.50
100-42-5	Styrene	BRL		ug/L	0.50
75-25-2	Bromoform	BRL		ug/L	0.50
98-82-8	Isopropylbenzene	BRL		ug/L	0.50
108-86-1	Bromobenzene	BRL		ug/L	0.50
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/L	0.50
96-18-4	1,2,3-Trichloropropane	BRL		ug/L	0.50
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/L	25
103-65-1	*n* -Propylbenzene	BRL		ug/L	0.50
95-49-8	2-Chlorotoluene	BRL		ug/L	0.50
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/L	0.50
106-43-4	4-Chlorotoluene	BRL		ug/L	0.50
98-06-6	*tert*- Butylbenzene	BRL		ug/L	0.50
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/L	0.50
135-98-8	*sec* -Butylbenzene	BRL		ug/L	0.50
541-73-1	1,3-Dichlorobenzene	BRL		ug/L	0.50
99-87-6	4-Isopropyltoluene	BRL		ug/L	0.50
106-46-7	1,4-Dichlorobenzene	BRL		ug/L	0.50
95-50-1	1,2-Dichlorobenzene	BRL		ug/L	0.50
104-51-8	*n* -Butylbenzene	BRL		ug/L	0.50
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/L	0.50
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/L	0.50
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/L	0.50
87-68-3	Hexachlorobutadiene	BRL		ug/L	0.50
91-20-3	Naphthalene	BRL		ug/L	0.50
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/L	0.50
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/L	20
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/L	0.50
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/L	0.50
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/L	0.50

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	10	8.7	**87** %	70 - 130 %
1,2-Dichloroethane-d_4	10	9.2	**92** %	70 - 130 %
Toluene-d_8	10	9.0	**90** %	70 - 130 %
4-Bromofluorobenzene	10	8.4	**84** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5030B.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**MW-1**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-5**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 11:05**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 10:09**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/L	0.50
74-87-3	Chloromethane	BRL		ug/L	0.50
75-01-4	Vinyl Chloride	BRL		ug/L	0.50
74-83-9	Bromomethane	BRL		ug/L	0.50
75-00-3	Chloroethane	BRL		ug/L	0.50
75-69-4	Trichlorofluoromethane	BRL		ug/L	0.50
60-29-7	Diethyl Ether	BRL		ug/L	2.0
75-35-4	1,1-Dichloroethene	BRL		ug/L	0.50
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/L	5.0
67-64-1	Acetone	BRL		ug/L	10
75-15-0	Carbon Disulfide	BRL		ug/L	5.0
75-09-2	Methylene Chloride	BRL		ug/L	2.5
107-13-1	Acrylonitrile	BRL		ug/L	2.5
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/L	0.50
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/L	0.50
75-34-3	1,1-Dichloroethane	BRL		ug/L	0.50
594-20-7	2,2-Dichloropropane	BRL		ug/L	0.50
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/L	0.50
78-93-3	2-Butanone (MEK)	BRL		ug/L	5.0
74-97-5	Bromochloromethane	BRL		ug/L	0.50
109-99-9	Tetrahydrofuran (THF)	BRL		ug/L	5.0
67-66-3	Chloroform	BRL		ug/L	0.50
71-55-6	1,1,1-Trichloroethane	BRL		ug/L	0.50
56-23-5	Carbon Tetrachloride	BRL		ug/L	0.50
563-58-6	1,1-Dichloropropene	BRL		ug/L	0.50
71-43-2	Benzene	BRL		ug/L	0.50
107-06-2	1,2-Dichloroethane	BRL		ug/L	0.50
79-01-6	Trichloroethene	BRL		ug/L	0.50
78-87-5	1,2-Dichloropropane	BRL		ug/L	0.50
74-95-3	Dibromomethane	BRL		ug/L	0.50
75-27-4	Bromodichloromethane	BRL		ug/L	0.50
123-91-1	1,4-Dioxane	BRL		ug/L	500
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/L	0.40
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/L	5.0
108-88-3	Toluene	BRL		ug/L	0.50
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/L	0.40
79-00-5	1,1,2-Trichloroethane	BRL		ug/L	0.50
127-18-4	Tetrachloroethene	BRL		ug/L	0.50
142-28-9	1,3-Dichloropropane	BRL		ug/L	0.50
591-78-6	2-Hexanone	BRL		ug/L	5.0
124-48-1	Dibromochloromethane	BRL		ug/L	0.50
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	0.50
108-90-7	Chlorobenzene	BRL		ug/L	0.50
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/L	0.50
100-41-4	Ethylbenzene	**4.4**		ug/L	0.50
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	**1.1**		ug/L	0.50

GROUNDWATER ANALYTICAL

EPA Method 8260B (Continued)
Volatile Organics by GC/MS

Field ID:	**MW-1**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-5**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 11:05**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 10:09**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/L	0.50
100-42-5	Styrene	BRL		ug/L	0.50
75-25-2	Bromoform	BRL		ug/L	0.50
98-82-8	Isopropylbenzene	**4.6**		ug/L	0.50
108-86-1	Bromobenzene	BRL		ug/L	0.50
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/L	0.50
96-18-4	1,2,3-Trichloropropane	BRL		ug/L	0.50
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/L	25
103-65-1	*n* -Propylbenzene	**14**		ug/L	0.50
95-49-8	2-Chlorotoluene	BRL		ug/L	0.50
108-67-8	1,3,5-Trimethylbenzene	**7.0**		ug/L	0.50
106-43-4	4-Chlorotoluene	BRL		ug/L	0.50
98-06-6	*tert*- Butylbenzene	BRL		ug/L	0.50
95-63-6	1,2,4-Trimethylbenzene	**27**		ug/L	0.50
135-98-8	*sec* -Butylbenzene	**0.77**		ug/L	0.50
541-73-1	1,3-Dichlorobenzene	BRL		ug/L	0.50
99-87-6	4-Isopropyltoluene	BRL		ug/L	0.50
106-46-7	1,4-Dichlorobenzene	BRL		ug/L	0.50
95-50-1	1,2-Dichlorobenzene	BRL		ug/L	0.50
104-51-8	*n* -Butylbenzene	BRL		ug/L	0.50
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/L	0.50
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/L	0.50
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/L	0.50
87-68-3	Hexachlorobutadiene	BRL		ug/L	0.50
91-20-3	Naphthalene	**1.8**		ug/L	0.50
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/L	0.50
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/L	20
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/L	0.50
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/L	0.50
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/L	0.50

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	10	8.6	**86** %	70 - 130 %
1,2-Dichloroethane-d_4	10	9.3	**93** %	70 - 130 %
Toluene-d_8	10	9.2	**92** %	70 - 130 %
4-Bromofluorobenzene	10	8.5	**85** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5030B.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**MW-2**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-6**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 10:39**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 10:36**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/L	0.50
74-87-3	Chloromethane	BRL		ug/L	0.50
75-01-4	Vinyl Chloride	BRL		ug/L	0.50
74-83-9	Bromomethane	BRL		ug/L	0.50
75-00-3	Chloroethane	BRL		ug/L	0.50
75-69-4	Trichlorofluoromethane	BRL		ug/L	0.50
60-29-7	Diethyl Ether	BRL		ug/L	2.0
75-35-4	1,1-Dichloroethene	BRL		ug/L	0.50
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/L	5.0
67-64-1	Acetone	BRL		ug/L	10
75-15-0	Carbon Disulfide	BRL		ug/L	5.0
75-09-2	Methylene Chloride	BRL		ug/L	2.5
107-13-1	Acrylonitrile	BRL		ug/L	2.5
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/L	0.50
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/L	0.50
75-34-3	1,1-Dichloroethane	BRL		ug/L	0.50
594-20-7	2,2-Dichloropropane	BRL		ug/L	0.50
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/L	0.50
78-93-3	2-Butanone (MEK)	BRL		ug/L	5.0
74-97-5	Bromochloromethane	BRL		ug/L	0.50
109-99-9	Tetrahydrofuran (THF)	BRL		ug/L	5.0
67-66-3	Chloroform	BRL		ug/L	0.50
71-55-6	1,1,1-Trichloroethane	BRL		ug/L	0.50
56-23-5	Carbon Tetrachloride	BRL		ug/L	0.50
563-58-6	1,1-Dichloropropene	BRL		ug/L	0.50
71-43-2	Benzene	BRL		ug/L	0.50
107-06-2	1,2-Dichloroethane	BRL		ug/L	0.50
79-01-6	Trichloroethene	BRL		ug/L	0.50
78-87-5	1,2-Dichloropropane	BRL		ug/L	0.50
74-95-3	Dibromomethane	BRL		ug/L	0.50
75-27-4	Bromodichloromethane	BRL		ug/L	0.50
123-91-1	1,4-Dioxane	BRL		ug/L	500
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/L	0.40
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/L	5.0
108-88-3	Toluene	BRL		ug/L	0.50
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/L	0.40
79-00-5	1,1,2-Trichloroethane	BRL		ug/L	0.50
127-18-4	Tetrachloroethene	BRL		ug/L	0.50
142-28-9	1,3-Dichloropropane	BRL		ug/L	0.50
591-78-6	2-Hexanone	BRL		ug/L	5.0
124-48-1	Dibromochloromethane	BRL		ug/L	0.50
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	0.50
108-90-7	Chlorobenzene	BRL		ug/L	0.50
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/L	0.50
100-41-4	Ethylbenzene	BRL		ug/L	0.50
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/L	0.50

GROUNDWATER ANALYTICAL

EPA Method 8260B (Continued)
Volatile Organics by GC/MS

Field ID:	**MW-2**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-6**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 10:39**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 10:36**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*-Xylene	BRL		ug/L	0.50
100-42-5	Styrene	BRL		ug/L	0.50
75-25-2	Bromoform	BRL		ug/L	0.50
98-82-8	Isopropylbenzene	BRL		ug/L	0.50
108-86-1	Bromobenzene	BRL		ug/L	0.50
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/L	0.50
96-18-4	1,2,3-Trichloropropane	BRL		ug/L	0.50
110-57-6	*trans*-1,4-Dichloro-2-butene	BRL		ug/L	25
103-65-1	*n*-Propylbenzene	BRL		ug/L	0.50
95-49-8	2-Chlorotoluene	BRL		ug/L	0.50
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/L	0.50
106-43-4	4-Chlorotoluene	BRL		ug/L	0.50
98-06-6	*tert*-Butylbenzene	BRL		ug/L	0.50
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/L	0.50
135-98-8	*sec*-Butylbenzene	BRL		ug/L	0.50
541-73-1	1,3-Dichlorobenzene	BRL		ug/L	0.50
99-87-6	4-Isopropyltoluene	BRL		ug/L	0.50
106-46-7	1,4-Dichlorobenzene	BRL		ug/L	0.50
95-50-1	1,2-Dichlorobenzene	BRL		ug/L	0.50
104-51-8	*n*-Butylbenzene	BRL		ug/L	0.50
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/L	0.50
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/L	0.50
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/L	0.50
87-68-3	Hexachlorobutadiene	BRL		ug/L	0.50
91-20-3	Naphthalene	BRL		ug/L	0.50
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/L	0.50
75-65-0	*tert*-Butyl Alcohol (TBA)	BRL		ug/L	20
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/L	0.50
637-92-3	Ethyl *tert*-butyl Ether (ETBE)	BRL		ug/L	0.50
994-05-8	*tert*-Amyl Methyl Ether (TAME)	BRL		ug/L	0.50

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	10	8.6	**86** %	70 - 130 %
1,2-Dichloroethane-d_4	10	10	**100** %	70 - 130 %
Toluene-d_8	10	9.3	**93** %	70 - 130 %
4-Bromofluorobenzene	10	8.8	**88** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5030B.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**MW-4**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-7**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 11:45**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 11:02**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/L	0.50
74-87-3	Chloromethane	BRL		ug/L	0.50
75-01-4	Vinyl Chloride	BRL		ug/L	0.50
74-83-9	Bromomethane	BRL		ug/L	0.50
75-00-3	Chloroethane	BRL		ug/L	0.50
75-69-4	Trichlorofluoromethane	BRL		ug/L	0.50
60-29-7	Diethyl Ether	BRL		ug/L	2.0
75-35-4	1,1-Dichloroethene	BRL		ug/L	0.50
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/L	5.0
67-64-1	Acetone	BRL		ug/L	10
75-15-0	Carbon Disulfide	BRL		ug/L	5.0
75-09-2	Methylene Chloride	BRL		ug/L	2.5
107-13-1	Acrylonitrile	BRL		ug/L	2.5
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/L	0.50
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/L	0.50
75-34-3	1,1-Dichloroethane	BRL		ug/L	0.50
594-20-7	2,2-Dichloropropane	BRL		ug/L	0.50
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/L	0.50
78-93-3	2-Butanone (MEK)	BRL		ug/L	5.0
74-97-5	Bromochloromethane	BRL		ug/L	0.50
109-99-9	Tetrahydrofuran (THF)	BRL		ug/L	5.0
67-66-3	Chloroform	BRL		ug/L	0.50
71-55-6	1,1,1-Trichloroethane	BRL		ug/L	0.50
56-23-5	Carbon Tetrachloride	BRL		ug/L	0.50
563-58-6	1,1-Dichloropropene	BRL		ug/L	0.50
71-43-2	Benzene	BRL		ug/L	0.50
107-06-2	1,2-Dichloroethane	BRL		ug/L	0.50
79-01-6	Trichloroethene	BRL		ug/L	0.50
78-87-5	1,2-Dichloropropane	BRL		ug/L	0.50
74-95-3	Dibromomethane	BRL		ug/L	0.50
75-27-4	Bromodichloromethane	BRL		ug/L	0.50
123-91-1	1,4-Dioxane	BRL		ug/L	500
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/L	0.40
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/L	5.0
108-88-3	Toluene	BRL		ug/L	0.50
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/L	0.40
79-00-5	1,1,2-Trichloroethane	BRL		ug/L	0.50
127-18-4	Tetrachloroethene	BRL		ug/L	0.50
142-28-9	1,3-Dichloropropane	BRL		ug/L	0.50
591-78-6	2-Hexanone	BRL		ug/L	5.0
124-48-1	Dibromochloromethane	BRL		ug/L	0.50
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	0.50
108-90-7	Chlorobenzene	BRL		ug/L	0.50
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/L	0.50
100-41-4	Ethylbenzene	BRL		ug/L	0.50
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/L	0.50

GROUNDWATER ANALYTICAL

EPA Method 8260B (Continued)
Volatile Organics by GC/MS

Field ID:	**MW-4**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-7**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 11:45**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 11:02**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/L	0.50
100-42-5	Styrene	BRL		ug/L	0.50
75-25-2	Bromoform	BRL		ug/L	0.50
98-82-8	Isopropylbenzene	BRL		ug/L	0.50
108-86-1	Bromobenzene	BRL		ug/L	0.50
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/L	0.50
96-18-4	1,2,3-Trichloropropane	BRL		ug/L	0.50
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/L	25
103-65-1	*n* -Propylbenzene	BRL		ug/L	0.50
95-49-8	2-Chlorotoluene	BRL		ug/L	0.50
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/L	0.50
106-43-4	4-Chlorotoluene	BRL		ug/L	0.50
98-06-6	*tert*- Butylbenzene	**0.98**		ug/L	0.50
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/L	0.50
135-98-8	*sec* -Butylbenzene	**2.5**		ug/L	0.50
541-73-1	1,3-Dichlorobenzene	BRL		ug/L	0.50
99-87-6	4-Isopropyltoluene	BRL		ug/L	0.50
106-46-7	1,4-Dichlorobenzene	BRL		ug/L	0.50
95-50-1	1,2-Dichlorobenzene	BRL		ug/L	0.50
104-51-8	*n* -Butylbenzene	BRL		ug/L	0.50
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/L	0.50
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/L	0.50
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/L	0.50
87-68-3	Hexachlorobutadiene	BRL		ug/L	0.50
91-20-3	Naphthalene	BRL		ug/L	0.50
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/L	0.50
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/L	20
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/L	0.50
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/L	0.50
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/L	0.50

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	10	8.9	**89** %	70 - 130 %
1,2-Dichloroethane-d_4	10	9.6	**96** %	70 - 130 %
Toluene-d_8	10	9.2	**92** %	70 - 130 %
4-Bromofluorobenzene	10	7.9	**79** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5030B.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**MW-5S**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-8**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 12:30**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 11:27**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/L	0.50
74-87-3	Chloromethane	BRL		ug/L	0.50
75-01-4	Vinyl Chloride	BRL		ug/L	0.50
74-83-9	Bromomethane	BRL		ug/L	0.50
75-00-3	Chloroethane	BRL		ug/L	0.50
75-69-4	Trichlorofluoromethane	BRL		ug/L	0.50
60-29-7	Diethyl Ether	BRL		ug/L	2.0
75-35-4	1,1-Dichloroethene	BRL		ug/L	0.50
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/L	5.0
67-64-1	Acetone	BRL		ug/L	10
75-15-0	Carbon Disulfide	BRL		ug/L	5.0
75-09-2	Methylene Chloride	BRL		ug/L	2.5
107-13-1	Acrylonitrile	BRL		ug/L	2.5
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/L	0.50
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/L	0.50
75-34-3	1,1-Dichloroethane	BRL		ug/L	0.50
594-20-7	2,2-Dichloropropane	BRL		ug/L	0.50
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/L	0.50
78-93-3	2-Butanone (MEK)	BRL		ug/L	5.0
74-97-5	Bromochloromethane	BRL		ug/L	0.50
109-99-9	Tetrahydrofuran (THF)	BRL		ug/L	5.0
67-66-3	Chloroform	BRL		ug/L	0.50
71-55-6	1,1,1-Trichloroethane	BRL		ug/L	0.50
56-23-5	Carbon Tetrachloride	BRL		ug/L	0.50
563-58-6	1,1-Dichloropropene	BRL		ug/L	0.50
71-43-2	Benzene	BRL		ug/L	0.50
107-06-2	1,2-Dichloroethane	BRL		ug/L	0.50
79-01-6	Trichloroethene	BRL		ug/L	0.50
78-87-5	1,2-Dichloropropane	BRL		ug/L	0.50
74-95-3	Dibromomethane	BRL		ug/L	0.50
75-27-4	Bromodichloromethane	BRL		ug/L	0.50
123-91-1	1,4-Dioxane	BRL		ug/L	500
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/L	0.40
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/L	5.0
108-88-3	Toluene	BRL		ug/L	0.50
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/L	0.40
79-00-5	1,1,2-Trichloroethane	BRL		ug/L	0.50
127-18-4	Tetrachloroethene	BRL		ug/L	0.50
142-28-9	1,3-Dichloropropane	BRL		ug/L	0.50
591-78-6	2-Hexanone	BRL		ug/L	5.0
124-48-1	Dibromochloromethane	BRL		ug/L	0.50
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	0.50
108-90-7	Chlorobenzene	BRL		ug/L	0.50
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/L	0.50
100-41-4	Ethylbenzene	BRL		ug/L	0.50
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/L	0.50

GROUNDWATER ANALYTICAL

EPA Method 8260B (Continued)
Volatile Organics by GC/MS

Field ID:	**MW-5S**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-8**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 12:30**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 11:27**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*-Xylene	BRL		ug/L	0.50
100-42-5	Styrene	BRL		ug/L	0.50
75-25-2	Bromoform	BRL		ug/L	0.50
98-82-8	Isopropylbenzene	BRL		ug/L	0.50
108-86-1	Bromobenzene	BRL		ug/L	0.50
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/L	0.50
96-18-4	1,2,3-Trichloropropane	BRL		ug/L	0.50
110-57-6	*trans*-1,4-Dichloro-2-butene	BRL		ug/L	25
103-65-1	*n*-Propylbenzene	BRL		ug/L	0.50
95-49-8	2-Chlorotoluene	BRL		ug/L	0.50
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/L	0.50
106-43-4	4-Chlorotoluene	BRL		ug/L	0.50
98-06-6	*tert*-Butylbenzene	BRL		ug/L	0.50
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/L	0.50
135-98-8	*sec*-Butylbenzene	BRL		ug/L	0.50
541-73-1	1,3-Dichlorobenzene	BRL		ug/L	0.50
99-87-6	4-Isopropyltoluene	BRL		ug/L	0.50
106-46-7	1,4-Dichlorobenzene	BRL		ug/L	0.50
95-50-1	1,2-Dichlorobenzene	BRL		ug/L	0.50
104-51-8	*n*-Butylbenzene	BRL		ug/L	0.50
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/L	0.50
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/L	0.50
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/L	0.50
87-68-3	Hexachlorobutadiene	BRL		ug/L	0.50
91-20-3	Naphthalene	BRL		ug/L	0.50
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/L	0.50
75-65-0	*tert*-Butyl Alcohol (TBA)	BRL		ug/L	20
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/L	0.50
637-92-3	Ethyl *tert*-butyl Ether (ETBE)	BRL		ug/L	0.50
994-05-8	*tert*-Amyl Methyl Ether (TAME)	BRL		ug/L	0.50

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	10	8.9	**89** %	70 - 130 %
1,2-Dichloroethane-d_4	10	10	**100** %	70 - 130 %
Toluene-d_8	10	9.0	**90** %	70 - 130 %
4-Bromofluorobenzene	10	8.4	**84** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5030B.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**MW-5D**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-9**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 13:00**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 11:53**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/L	0.50
74-87-3	Chloromethane	BRL		ug/L	0.50
75-01-4	Vinyl Chloride	BRL		ug/L	0.50
74-83-9	Bromomethane	BRL		ug/L	0.50
75-00-3	Chloroethane	BRL		ug/L	0.50
75-69-4	Trichlorofluoromethane	BRL		ug/L	0.50
60-29-7	Diethyl Ether	BRL		ug/L	2.0
75-35-4	1,1-Dichloroethene	BRL		ug/L	0.50
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/L	5.0
67-64-1	Acetone	BRL		ug/L	10
75-15-0	Carbon Disulfide	BRL		ug/L	5.0
75-09-2	Methylene Chloride	BRL		ug/L	2.5
107-13-1	Acrylonitrile	BRL		ug/L	2.5
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/L	0.50
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/L	0.50
75-34-3	1,1-Dichloroethane	BRL		ug/L	0.50
594-20-7	2,2-Dichloropropane	BRL		ug/L	0.50
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/L	0.50
78-93-3	2-Butanone (MEK)	BRL		ug/L	5.0
74-97-5	Bromochloromethane	BRL		ug/L	0.50
109-99-9	Tetrahydrofuran (THF)	BRL		ug/L	5.0
67-66-3	Chloroform	BRL		ug/L	0.50
71-55-6	1,1,1-Trichloroethane	BRL		ug/L	0.50
56-23-5	Carbon Tetrachloride	BRL		ug/L	0.50
563-58-6	1,1-Dichloropropene	BRL		ug/L	0.50
71-43-2	Benzene	BRL		ug/L	0.50
107-06-2	1,2-Dichloroethane	BRL		ug/L	0.50
79-01-6	Trichloroethene	BRL		ug/L	0.50
78-87-5	1,2-Dichloropropane	BRL		ug/L	0.50
74-95-3	Dibromomethane	BRL		ug/L	0.50
75-27-4	Bromodichloromethane	BRL		ug/L	0.50
123-91-1	1,4-Dioxane	BRL		ug/L	500
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/L	0.40
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/L	5.0
108-88-3	Toluene	BRL		ug/L	0.50
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/L	0.40
79-00-5	1,1,2-Trichloroethane	BRL		ug/L	0.50
127-18-4	Tetrachloroethene	BRL		ug/L	0.50
142-28-9	1,3-Dichloropropane	BRL		ug/L	0.50
591-78-6	2-Hexanone	BRL		ug/L	5.0
124-48-1	Dibromochloromethane	BRL		ug/L	0.50
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	0.50
108-90-7	Chlorobenzene	BRL		ug/L	0.50
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/L	0.50
100-41-4	Ethylbenzene	BRL		ug/L	0.50
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/L	0.50

GROUNDWATER ANALYTICAL

EPA Method 8260B (Continued)
Volatile Organics by GC/MS

Field ID:	**MW-5D**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-9**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 13:00**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 11:53**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/L	0.50
100-42-5	Styrene	BRL		ug/L	0.50
75-25-2	Bromoform	BRL		ug/L	0.50
98-82-8	Isopropylbenzene	BRL		ug/L	0.50
108-86-1	Bromobenzene	BRL		ug/L	0.50
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/L	0.50
96-18-4	1,2,3-Trichloropropane	BRL		ug/L	0.50
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/L	25
103-65-1	*n* -Propylbenzene	BRL		ug/L	0.50
95-49-8	2-Chlorotoluene	BRL		ug/L	0.50
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/L	0.50
106-43-4	4-Chlorotoluene	BRL		ug/L	0.50
98-06-6	*tert*- Butylbenzene	BRL		ug/L	0.50
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/L	0.50
135-98-8	*sec* -Butylbenzene	BRL		ug/L	0.50
541-73-1	1,3-Dichlorobenzene	BRL		ug/L	0.50
99-87-6	4-Isopropyltoluene	BRL		ug/L	0.50
106-46-7	1,4-Dichlorobenzene	BRL		ug/L	0.50
95-50-1	1,2-Dichlorobenzene	BRL		ug/L	0.50
104-51-8	*n* -Butylbenzene	BRL		ug/L	0.50
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/L	0.50
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/L	0.50
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/L	0.50
87-68-3	Hexachlorobutadiene	BRL		ug/L	0.50
91-20-3	Naphthalene	BRL		ug/L	0.50
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/L	0.50
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/L	20
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/L	0.50
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/L	0.50
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/L	0.50

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	10	9.1	**91** %	70 - 130 %
1,2-Dichloroethane-d_4	10	9.9	**99** %	70 - 130 %
Toluene-d_8	10	9.1	**91** %	70 - 130 %
4-Bromofluorobenzene	10	8.3	**83** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5030B.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**MW-6**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-10**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 11:46**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 12:18**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/L	0.50
74-87-3	Chloromethane	BRL		ug/L	0.50
75-01-4	Vinyl Chloride	BRL		ug/L	0.50
74-83-9	Bromomethane	BRL		ug/L	0.50
75-00-3	Chloroethane	BRL		ug/L	0.50
75-69-4	Trichlorofluoromethane	BRL		ug/L	0.50
60-29-7	Diethyl Ether	BRL		ug/L	2.0
75-35-4	1,1-Dichloroethene	BRL		ug/L	0.50
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/L	5.0
67-64-1	Acetone	BRL		ug/L	10
75-15-0	Carbon Disulfide	BRL		ug/L	5.0
75-09-2	Methylene Chloride	BRL		ug/L	2.5
107-13-1	Acrylonitrile	BRL		ug/L	2.5
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/L	0.50
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	**0.72**		ug/L	0.50
75-34-3	1,1-Dichloroethane	BRL		ug/L	0.50
594-20-7	2,2-Dichloropropane	BRL		ug/L	0.50
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/L	0.50
78-93-3	2-Butanone (MEK)	BRL		ug/L	5.0
74-97-5	Bromochloromethane	BRL		ug/L	0.50
109-99-9	Tetrahydrofuran (THF)	BRL		ug/L	5.0
67-66-3	Chloroform	BRL		ug/L	0.50
71-55-6	1,1,1-Trichloroethane	BRL		ug/L	0.50
56-23-5	Carbon Tetrachloride	BRL		ug/L	0.50
563-58-6	1,1-Dichloropropene	BRL		ug/L	0.50
71-43-2	Benzene	BRL		ug/L	0.50
107-06-2	1,2-Dichloroethane	BRL		ug/L	0.50
79-01-6	Trichloroethene	BRL		ug/L	0.50
78-87-5	1,2-Dichloropropane	BRL		ug/L	0.50
74-95-3	Dibromomethane	BRL		ug/L	0.50
75-27-4	Bromodichloromethane	BRL		ug/L	0.50
123-91-1	1,4-Dioxane	BRL		ug/L	500
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/L	0.40
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/L	5.0
108-88-3	Toluene	BRL		ug/L	0.50
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/L	0.40
79-00-5	1,1,2-Trichloroethane	BRL		ug/L	0.50
127-18-4	Tetrachloroethene	BRL		ug/L	0.50
142-28-9	1,3-Dichloropropane	BRL		ug/L	0.50
591-78-6	2-Hexanone	BRL		ug/L	5.0
124-48-1	Dibromochloromethane	BRL		ug/L	0.50
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	0.50
108-90-7	Chlorobenzene	BRL		ug/L	0.50
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/L	0.50
100-41-4	Ethylbenzene	BRL		ug/L	0.50
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/L	0.50

GROUNDWATER ANALYTICAL

EPA Method 8260B (Continued)
Volatile Organics by GC/MS

Field ID:	**MW-6**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-10**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 11:46**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 12:18**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/L	0.50
100-42-5	Styrene	BRL		ug/L	0.50
75-25-2	Bromoform	BRL		ug/L	0.50
98-82-8	Isopropylbenzene	BRL		ug/L	0.50
108-86-1	Bromobenzene	BRL		ug/L	0.50
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/L	0.50
96-18-4	1,2,3-Trichloropropane	BRL		ug/L	0.50
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/L	25
103-65-1	*n* -Propylbenzene	BRL		ug/L	0.50
95-49-8	2-Chlorotoluene	BRL		ug/L	0.50
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/L	0.50
106-43-4	4-Chlorotoluene	BRL		ug/L	0.50
98-06-6	*tert*- Butylbenzene	BRL		ug/L	0.50
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/L	0.50
135-98-8	*sec* -Butylbenzene	BRL		ug/L	0.50
541-73-1	1,3-Dichlorobenzene	BRL		ug/L	0.50
99-87-6	4-Isopropyltoluene	BRL		ug/L	0.50
106-46-7	1,4-Dichlorobenzene	BRL		ug/L	0.50
95-50-1	1,2-Dichlorobenzene	BRL		ug/L	0.50
104-51-8	*n* -Butylbenzene	BRL		ug/L	0.50
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/L	0.50
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/L	0.50
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/L	0.50
87-68-3	Hexachlorobutadiene	BRL		ug/L	0.50
91-20-3	Naphthalene	BRL		ug/L	0.50
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/L	0.50
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/L	20
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/L	0.50
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/L	0.50
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/L	0.50

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	10	9.1	**91** %	70 - 130 %
1,2-Dichloroethane-d_4	10	9.9	**99** %	70 - 130 %
Toluene-d_8	10	8.9	**89** %	70 - 130 %
4-Bromofluorobenzene	10	8.4	**84** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5030B.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8260B
Volatile Organics by GC/MS

Field ID:	**Trip**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-11**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 00:00**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 12:44**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/L	0.50
74-87-3	Chloromethane	BRL		ug/L	0.50
75-01-4	Vinyl Chloride	BRL		ug/L	0.50
74-83-9	Bromomethane	BRL		ug/L	0.50
75-00-3	Chloroethane	BRL		ug/L	0.50
75-69-4	Trichlorofluoromethane	BRL		ug/L	0.50
60-29-7	Diethyl Ether	BRL		ug/L	2.0
75-35-4	1,1-Dichloroethene	BRL		ug/L	0.50
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/L	5.0
67-64-1	Acetone	BRL		ug/L	25
75-15-0	Carbon Disulfide	BRL		ug/L	5.0
75-09-2	Methylene Chloride	BRL		ug/L	2.5
107-13-1	Acrylonitrile	BRL		ug/L	2.5
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/L	0.50
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/L	0.50
75-34-3	1,1-Dichloroethane	BRL		ug/L	0.50
594-20-7	2,2-Dichloropropane	BRL		ug/L	0.50
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/L	0.50
78-93-3	2-Butanone (MEK)	BRL		ug/L	5.0
74-97-5	Bromochloromethane	BRL		ug/L	0.50
109-99-9	Tetrahydrofuran (THF)	BRL		ug/L	5.0
67-66-3	Chloroform	BRL		ug/L	0.50
71-55-6	1,1,1-Trichloroethane	BRL		ug/L	0.50
56-23-5	Carbon Tetrachloride	BRL		ug/L	0.50
563-58-6	1,1-Dichloropropene	BRL		ug/L	0.50
71-43-2	Benzene	BRL		ug/L	0.50
107-06-2	1,2-Dichloroethane	BRL		ug/L	0.50
79-01-6	Trichloroethene	BRL		ug/L	0.50
78-87-5	1,2-Dichloropropane	BRL		ug/L	0.50
74-95-3	Dibromomethane	BRL		ug/L	0.50
75-27-4	Bromodichloromethane	BRL		ug/L	0.50
123-91-1	1,4-Dioxane	BRL		ug/L	500
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/L	0.40
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/L	5.0
108-88-3	Toluene	BRL		ug/L	0.50
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/L	0.40
79-00-5	1,1,2-Trichloroethane	BRL		ug/L	0.50
127-18-4	Tetrachloroethene	BRL		ug/L	0.50
142-28-9	1,3-Dichloropropane	BRL		ug/L	0.50
591-78-6	2-Hexanone	BRL		ug/L	5.0
124-48-1	Dibromochloromethane	BRL		ug/L	0.50
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	0.50
108-90-7	Chlorobenzene	BRL		ug/L	0.50
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/L	0.50
100-41-4	Ethylbenzene	BRL		ug/L	0.50
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/L	0.50

GROUNDWATER ANALYTICAL

EPA Method 8260B (Continued)
Volatile Organics by GC/MS

Field ID:	**Trip**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**HCl/ Cool**
Laboratory ID:	**142024-11**	QC Batch ID:	**VM9-1018-W**
Sampled:	**05-17-11 00:00**	Instrument ID:	**MS-9 HP 6890**
Received:	**05-18-11 15:29**	Sample Volume:	**5 mL**
Analyzed:	**05-26-11 12:44**	Dilution Factor:	**1**
Analyst:	**LMG**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
95-47-6	*ortho*- Xylene	BRL		ug/L	0.50
100-42-5	Styrene	BRL		ug/L	0.50
75-25-2	Bromoform	BRL		ug/L	0.50
98-82-8	Isopropylbenzene	BRL		ug/L	0.50
108-86-1	Bromobenzene	BRL		ug/L	0.50
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/L	0.50
96-18-4	1,2,3-Trichloropropane	BRL		ug/L	0.50
110-57-6	*trans* -1,4-Dichloro-2-butene	BRL		ug/L	25
103-65-1	*n* -Propylbenzene	BRL		ug/L	0.50
95-49-8	2-Chlorotoluene	BRL		ug/L	0.50
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/L	0.50
106-43-4	4-Chlorotoluene	BRL		ug/L	0.50
98-06-6	*tert*- Butylbenzene	BRL		ug/L	0.50
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/L	0.50
135-98-8	*sec* -Butylbenzene	BRL		ug/L	0.50
541-73-1	1,3-Dichlorobenzene	BRL		ug/L	0.50
99-87-6	4-Isopropyltoluene	BRL		ug/L	0.50
106-46-7	1,4-Dichlorobenzene	BRL		ug/L	0.50
95-50-1	1,2-Dichlorobenzene	BRL		ug/L	0.50
104-51-8	*n* -Butylbenzene	BRL		ug/L	0.50
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/L	0.50
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/L	0.50
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/L	0.50
87-68-3	Hexachlorobutadiene	BRL		ug/L	0.50
91-20-3	Naphthalene	BRL		ug/L	0.50
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/L	0.50
75-65-0	*tert* -Butyl Alcohol (TBA)	BRL		ug/L	20
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/L	0.50
637-92-3	Ethyl *tert*- butyl Ether (ETBE)	BRL		ug/L	0.50
994-05-8	*tert* -Amyl Methyl Ether (TAME)	BRL		ug/L	0.50

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	10	9.2	**92** %	70 - 130 %
1,2-Dichloroethane-d_4	10	9.7	**97** %	70 - 130 %
Toluene-d_8	10	9.1	**91** %	70 - 130 %
4-Bromofluorobenzene	10	8.5	**85** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5030B.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8011
EDB and DBCP by GC/ECD

Field ID:	**ECS-2**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**142024-12**	QC Batch ID:	**PV-1025-E**
Sampled:	**05-17-11 10:15**	Instrument ID:	**GC-6 HP 5890**
Received:	**05-18-11 15:29**	Sample Volume:	**33 mL**
Extracted:	**05-25-11 23:30**	Final Volume:	**1 mL**
Analyzed:	**05-26-11 08:08**	Dilution Factor:	**1**
Analyst:	**CRL**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	0.02
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	BRL		ug/L	0.02

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8011
EDB and DBCP by GC/ECD

Field ID:	**MW-2**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**40 mL VOA Vial**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**142024-13**	QC Batch ID:	**PV-1025-E**
Sampled:	**05-17-11 10:39**	Instrument ID:	**GC-6 HP 5890**
Received:	**05-18-11 15:29**	Sample Volume:	**34 mL**
Extracted:	**05-25-11 23:30**	Final Volume:	**1 mL**
Analyzed:	**05-26-11 08:33**	Dilution Factor:	**1**
Analyst:	**CRL**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	0.02
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	BRL		ug/L	0.02

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

EPA Method 8082
Polychlorinated Biphenyls (PCBs) by GC/ECD

Field ID:	**ECS-4**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**1 L Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**142024-14**	QC Batch ID:	**PB-2690-F**
Sampled:	**05-17-11 12:51**	Instrument ID:	**GC-11 Agilent 6890**
Received:	**05-18-11 15:29**	Sample Weight:	**1000 mL**
Extracted:	**05-24-11 21:00**	Final Volume:	**1 mL**
Cleaned Up:	**05-26-11 22:00**	Dilution Factor:	**1**
Analyzed:	**05-27-11 01:22**		
Analyst:	**CRL**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
12674-11-2	Aroclor 1016	BRL		ug/L	0.2
11104-28-2	Aroclor 1221	BRL		ug/L	0.2
11141-16-5	Aroclor 1232	BRL		ug/L	0.2
53469-21-9	Aroclor 1242	BRL		ug/L	0.2
12672-29-6	Aroclor 1248	BRL		ug/L	0.2
11097-69-1	Aroclor 1254	BRL		ug/L	0.2
11096-82-5	Aroclor 1260	BRL		ug/L	0.2
37324-23-5	Aroclor 1262 †	BRL		ug/L	0.2
11100-14-4	Aroclor 1268 †	BRL		ug/L	0.2

QC Surrogate Compound		Spiked	Measured	Recovery	QC Limits
First Column	Tetrachloro-*m*-xylene	0.20	0.14	**69** %	30 - 150 %
	Decachlorobiphenyl	0.20	0.16	**81** %	30 - 150 %
Second Column	Tetrachloro-*m*-xylene	0.20	0.15	**77** %	30 - 150 %
	Decachlorobiphenyl	0.20	0.17	**85** %	30 - 150 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample extraction performed by EPA Method 3510C. Cleanup performed by EPA Method 3660B and EPA Method 3665A.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

† Non-target analyte. Result is based on a single mid-range calibration standard.

GROUNDWATER ANALYTICAL

EPA Method 8082
Polychlorinated Biphenyls (PCBs) by GC/ECD

Field ID:	**MW-2**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**1 L Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool**
Laboratory ID:	**142024-15**	QC Batch ID:	**PB-2690-F**
Sampled:	**05-17-11 10:39**	Instrument ID:	**GC-11 Agilent 6890**
Received:	**05-18-11 15:29**	Sample Weight:	**920 mL**
Extracted:	**05-24-11 21:00**	Final Volume:	**1 mL**
Cleaned Up:	**05-26-11 22:00**	Dilution Factor:	**1**
Analyzed:	**05-27-11 01:46**		
Analyst:	**CRL**		

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
12674-11-2	Aroclor 1016	BRL		ug/L	0.2
11104-28-2	Aroclor 1221	BRL		ug/L	0.2
11141-16-5	Aroclor 1232	BRL		ug/L	0.2
53469-21-9	Aroclor 1242	BRL		ug/L	0.2
12672-29-6	Aroclor 1248	BRL		ug/L	0.2
11097-69-1	Aroclor 1254	BRL		ug/L	0.2
11096-82-5	Aroclor 1260	BRL		ug/L	0.2
37324-23-5	Aroclor 1262 †	BRL		ug/L	0.2
11100-14-4	Aroclor 1268 †	BRL		ug/L	0.2

QC Surrogate Compound		Spiked	Measured	Recovery	QC Limits
First Column	Tetrachloro-*m*-xylene	0.22	0.17	**80** %	30 - 150 %
	Decachlorobiphenyl	0.22	0.20	**90** %	30 - 150 %
Second Column	Tetrachloro-*m*-xylene	0.22	0.19	**87** %	30 - 150 %
	Decachlorobiphenyl	0.22	0.20	**93** %	30 - 150 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample extraction performed by EPA Method 3510C. Cleanup performed by EPA Method 3660B and EPA Method 3665A.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

† Non-target analyte. Result is based on a single mid-range calibration standard.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Total Petroleum Hydrocarbons by GC/FID

Field ID:	**ECS-1**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**1 L Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool/Cool**
Laboratory ID:	**142024-16**	QC Batch ID:	**HF-2342-F**
Sampled:	**05-17-11 10:30**	Instrument ID:	**GC4 HP 5890**
Received:	**05-18-11 15:29**	Sample Volume:	**1,000 mL**
Extracted:	**05-19-11 17:30**	Final Volume:	**1 mL**
Analyzed:	**05-20-11 12:41**	Dilution Factor:	**1**
Analyst:	**MB**		

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/L	0.1

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	0.040	0.032	**80** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by separatory funnel technique.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Total Petroleum Hydrocarbons by GC/FID

Field ID:	**ECS-2**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**1 L Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool/Cool**
Laboratory ID:	**142024-17**	QC Batch ID:	**HF-2342-F**
Sampled:	**05-17-11 10:15**	Instrument ID:	**GC4 HP 5890**
Received:	**05-18-11 15:29**	Sample Volume:	**890 mL**
Extracted:	**05-19-11 17:30**	Final Volume:	**1 mL**
Analyzed:	**05-20-11 13:36**	Dilution Factor:	**1**
Analyst:	**MB**		

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	**1.5**		mg/L	0.1

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	0.045	0.038	**84** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by separatory funnel technique.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Total Petroleum Hydrocarbons by GC/FID

Field ID:	**ECS-3**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**1 L Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool/Cool**
Laboratory ID:	**142024-18**	QC Batch ID:	**HF-2342-F**
Sampled:	**05-17-11 12:35**	Instrument ID:	**GC4 HP 5890**
Received:	**05-18-11 15:29**	Sample Volume:	**890 mL**
Extracted:	**05-19-11 17:30**	Final Volume:	**1 mL**
Analyzed:	**05-23-11 12:18**	Dilution Factor:	**1**
Analyst:	**MB**		

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	**2.7**		mg/L	0.1

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	0.045	0.034	**76** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by separatory funnel technique.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Total Petroleum Hydrocarbons by GC/FID

Field ID:	**ECS-4**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**1 L Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool/Cool**
Laboratory ID:	**142024-19**	QC Batch ID:	**HF-2342-F**
Sampled:	**05-17-11 12:51**	Instrument ID:	**GC4 HP 5890**
Received:	**05-18-11 15:29**	Sample Volume:	**1,000 mL**
Extracted:	**05-19-11 17:30**	Final Volume:	**1 mL**
Analyzed:	**05-23-11 13:12**	Dilution Factor:	**1**
Analyst:	**MB**		

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/L	0.1

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	0.040	0.033	**83** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by separatory funnel technique.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Total Petroleum Hydrocarbons by GC/FID

Field ID:	**MW-1**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**1 L Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool/Cool**
Laboratory ID:	**142024-20**	QC Batch ID:	**HF-2342-F**
Sampled:	**05-17-11 11:05**	Instrument ID:	**GC4 HP 5890**
Received:	**05-18-11 15:29**	Sample Volume:	**1,000 mL**
Extracted:	**05-19-11 17:30**	Final Volume:	**1 mL**
Analyzed:	**05-23-11 14:07**	Dilution Factor:	**1**
Analyst:	**MB**		

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/L	0.1

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	0.040	0.034	**86** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by separatory funnel technique.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Total Petroleum Hydrocarbons by GC/FID

Field ID:	**MW-2**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**1 L Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool/Cool**
Laboratory ID:	**142024-21**	QC Batch ID:	**HF-2342-F**
Sampled:	**05-17-11 10:39**	Instrument ID:	**GC4 HP 5890**
Received:	**05-18-11 15:29**	Sample Volume:	**770 mL**
Extracted:	**05-19-11 17:30**	Final Volume:	**1 mL**
Analyzed:	**05-23-11 15:02**	Dilution Factor:	**1**
Analyst:	**MB**		

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/L	0.1

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	0.052	0.045	**86** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by separatory funnel technique.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Total Petroleum Hydrocarbons by GC/FID

Field ID:	**MW-4**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**1 L Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool/Cool**
Laboratory ID:	**142024-22**	QC Batch ID:	**HF-2342-F**
Sampled:	**05-17-11 11:45**	Instrument ID:	**GC4 HP 5890**
Received:	**05-18-11 15:29**	Sample Volume:	**940 mL**
Extracted:	**05-19-11 17:30**	Final Volume:	**1 mL**
Analyzed:	**05-23-11 17:13**	Dilution Factor:	**1**
Analyst:	**MB**		

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/L	0.1

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	0.043	0.034	**80** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by separatory funnel technique.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Total Petroleum Hydrocarbons by GC/FID

Field ID:	**MW-5S**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**1 L Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool/Cool**
Laboratory ID:	**142024-23**	QC Batch ID:	**HF-2342-F**
Sampled:	**05-17-11 12:30**	Instrument ID:	**GC4 HP 5890**
Received:	**05-18-11 15:29**	Sample Volume:	**960 mL**
Extracted:	**05-19-11 17:30**	Final Volume:	**1 mL**
Analyzed:	**05-23-11 18:08**	Dilution Factor:	**1**
Analyst:	**MB**		

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/L	0.1

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	0.042	0.035	**84** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by separatory funnel technique.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Total Petroleum Hydrocarbons by GC/FID

Field ID:	**MW-5D**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**1 L Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool/Cool**
Laboratory ID:	**142024-24**	QC Batch ID:	**HF-2342-F**
Sampled:	**05-17-11 13:00**	Instrument ID:	**GC4 HP 5890**
Received:	**05-18-11 15:29**	Sample Volume:	**1,000 mL**
Extracted:	**05-19-11 17:30**	Final Volume:	**1 mL**
Analyzed:	**05-23-11 19:03**	Dilution Factor:	**1**
Analyst:	**MB**		

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/L	0.1

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	0.040	0.035	**87** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by separatory funnel technique.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Connecticut ETPH Method
Total Petroleum Hydrocarbons by GC/FID

Field ID:	**MW-6**	Matrix:	**Aqueous**
Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Container:	**1 L Amber Glass**
Client:	**Environmental Compliance Services, Inc.**	Preservation:	**Cool/Cool**
Laboratory ID:	**142024-25**	QC Batch ID:	**HF-2342-F**
Sampled:	**05-17-11 11:46**	Instrument ID:	**GC4 HP 5890**
Received:	**05-18-11 15:29**	Sample Volume:	**1,000 mL**
Extracted:	**05-19-11 17:30**	Final Volume:	**1 mL**
Analyzed:	**05-23-11 19:58**	Dilution Factor:	**1**
Analyst:	**MB**		

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/L	0.1

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	0.040	0.035	**87** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by separatory funnel technique.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Project Narrative

Project:	**CFI 1660 Storrs Rd, Mansfield/01-216075.00**	Lab ID:	**142024**
Client:	**Environmental Compliance Services, Inc.**	Received:	**05-18-11 15:29**

A. Documentation and Client Communication

The following documentation discrepancies, and client changes or amendments were noted for this project:

1 . No documentation discrepancies, changes, or amendments were noted.

B. Method Modifications, Non-Conformances and Observations

The sample(s) in this project were analyzed by the references analytical method(s), and no method modifications, non-conformances or analytical issues were noted, except as indicated below:

1 . EPA 8260B Non-conformance: Samples 142024-1 through -11. Laboratory control sample (LCS) analyte trans-1,4-dichloro-2-butene was above the recommended recovery limit for QC batch VM9-1018-W.

2 . EPA 8260B Note: Samples 142024-2,3. Samples were diluted prior to analysis. Dilution was required to keep all target analytes within calibration.

3 . Sample 142024-11 was not received with sample collection time listed on the Chain of Custody. Sample was reported with a sampling collection time of 00:00 by the laboratory.

Version 10-2010

GROUNDWATER ANALYTICAL

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Buzzards Bay, MA 02532
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CHAIN-OF-CUSTODY RECORD AND WORK ORDER

Project Name: CFI
560 Storrs Rd
Mansfield CT

Project Number: 01-216075.00

Sampler Name: Steve/Jake/Luke

Project Manager: Abby Albano

Firm: Environmental Compliance Services

Address: 588 Silver ST

City / State / Zip: Agawam MA

Telephone: 413 789 3530

TURNAROUND

☑ 10 Business Days
☐ 5 Business Days
☐ RUSH (RAN-________) (Rush requires Rush Authorization Number)
☐ Please Email to: Aalbano@ecsconsult.com
☐ Please FAX to:

BILLING

☑ Purchase Order No.: 35643
☐ Third Party Billing:
☐ GWA Quote:

INSTRUCTIONS: Use separate line for each container (except replicates).

ANALYSIS REQUEST

Date	Time	Sample Identification	Matrix: Groundwater	Matrix: DI	Type: Grab	Number	40mL VOA Vial	1L/32 oz Amber Glass	HCl	Sodium Bisulfate	Ice	Filtered: No	8260B	8082 PCBs	CT ETPH	EDB
5-17-11	10:30	ECS-1	X		X	4	3	1	X		X	X	X		X	
	10:15	ECS-2	X		X	6	5	1	X	X	X	X	X		X	X
	12:35	ECS-3	X		X	4	3	1	X		X	X	X		X	
	12:51	ECS-4	X		X	5	3	2	X		X	X	X	X	X	
	11:05	MW-1	X		X	4	3	1	X		X	X	X		X	
	10:39	MW-2	X		X	7	5	2	X	X	X	X	X	X	X	X
	11:45	MW-4	X		X	4	3	1	X		X	X	X		X	
	12:30	MW-5S	X		X	4	3	1	X		X	X	X		X	
	1:00	MW-5D	X		X	4	3	1	X		X	X	X		X	
	11:46	MW-6	X		X	4	3	1	X		X	X	X		X	
	AM	Trip		X	X	1	1		X		X	X	X			

LABORATORY NUMBER (Lab Use Only)

REMARKS / SPECIAL INSTRUCTIONS

☐ YES ☐ NO MCP Data Certification required.
☐ YES ☐ NO MCP Drinking Water Sample Included. (Volatile analyses require duplicate collection and Trip Blanks).
☐ Analyze Duplicates and Trips Blanks only if positive results.
☒ YES ☐ NO CT RCP Data Certification required.
Signature:

DATA QUALITY OBJECTIVES

Regulatory Program

State: ☒ CT ☐ ME ☐ MA ☐ NH ☐ NY ☐ RI ☐ VT ☐
Standard: ☐ MCP GW-1/S-1 ☐ MCP GW-2/S-2 ☐ NY STARS ☐ Drinking Water ☐ Wastewater ☐ Waste Disposal ☐ Dredge Material ☒ GWPC-GA-RSRs
Deliverables: ☐ PWS Form ☐ MWRA ☐

Project Specific QC

Many regulatory programs and EPA methods require project specific QC. Project specific QC includes Sample Duplicates, Matrix Spikes, and/or Matrix Spike Duplicates. Laboratory QC is not project specific unless prearranged. Project specific QC samples are charged on a per sample basis. **Each MS, MSD and Sample Duplicate requires an additional sample aliquot.**

Project Specific QC Required: ☐ Sample Duplicate ☐ Matrix Spike ☐ Matrix Spike Duplicate
Selection of QC Sample: ☐ Please use sample:

CHAIN-OF-CUSTODY RECORD

NOTE: All samples submitted subject to Standard Terms and Conditions on reverse hereof.

Relinquished by	Date	Time	Received by	
Relinquished by Sampler: Steve Bartolo	5-17-11	16:30	Received by: Joe Cleg 5/18/11 1115	Receipt Temperature: 3.5 ☐ Ice ☐ Refrigerated 2-6 C Recommended
Relinquished by: Joel Cleg	5/18/11	1529	Received by: [signature]	Container Count: 47
Relinquished by:			Received by Laboratory:	Shipping/Airbill Number:

Method of Shipment: ☒ GWA Courier ☐ Express Mail ☐ Federal Express ☐ UPS ☐ Hand ☐
Custody Seal Number:

Quality Assurance/Quality Control

A. Program Overview

Groundwater Analytical conducts an active Quality Assurance program to ensure the production of high quality, valid data. This program closely follows the guidance provided by *Interim Guidelines and Specifications for Preparing Quality Assurance Project Plans,* US EPA QAMS-005/80 (1980), and *Test Methods for Evaluating Solid Waste,* US EPA, SW-846, Update III (1996).

Quality Control protocols include written Standard Operating Procedures (SOPs) developed for each analytical method. SOPs are derived from US EPA methodologies and other established references. Standards are prepared from commercially obtained reference materials of certified purity, and documented for traceability.

Quality Assessment protocols for most organic analyses include a minimum of one laboratory control sample, one method blank, one matrix spike sample, and one sample duplicate for each sample preparation batch. All samples, standards, blanks, laboratory control samples, matrix spikes and sample duplicates are spiked with internal standards and surrogate compounds. All instrument sequences begin with an initial calibration verification standard and a blank; and excepting GC/MS sequences, all sequences close with a continuing calibration standard. GC/MS systems are tuned to appropriate ion abundance criteria daily, or for each 12 hour operating period, whichever is more frequent.

Quality Assessment protocols for most inorganic analyses include a minimum of one laboratory control sample, one method blank, one matrix spike sample, and one sample duplicate for each sample preparation batch. Standard curves are derived from one reagent blank and four concentration levels. Curve validity is verified by standard recoveries within plus or minus ten percent of the curve.

B. Definitions

Batches are used as the basic unit for Quality Assessment. A Batch is defined as twenty or fewer samples of the same matrix which are prepared together for the same analysis, using the same lots of reagents and the same techniques or manipulations, all within the same continuum of time, up to but not exceeding 24 hours.

Laboratory Control Samples are used to assess the accuracy of the analytical method. A Laboratory Control Sample consists of reagent water or sodium sulfate spiked with a group of target analytes representative of the method analytes. Accuracy is defined as the degree of agreement of the measured value with the true or expected value. Percent Recoveries for the Laboratory Control Samples are calculated to assess accuracy.

Method Blanks are used to assess the level of contamination present in the analytical system. Method Blanks consist of reagent water or an aliquot of sodium sulfate. Method Blanks are taken through all the appropriate steps of an analytical method. Sample data reported is not corrected for blank contamination.

Surrogate Compounds are used to assess the effectiveness of an analytical method in dealing with each sample matrix. Surrogate Compounds are organic compounds which are similar to the target analytes of interest in chemical behavior, but which are not normally found in environmental samples. Percent Recoveries are calculated for each Surrogate Compound.

GROUNDWATER ANALYTICAL

Quality Control Report
Laboratory Control Sample

Category:	**EPA Method 8011**	Instrument ID:	**GC-6 HP 5890**
QC Batch ID:	**PV-1025-E**	Extracted:	**05-25-11 18:30**
Matrix:	**Aqueous**	Analyzed:	**05-25-11 22:26**
Units:	**ug/L**	Analyst:	**CRL**

CAS Number	Analyte	Spiked	Measured		Recovery		QC Limits
			1st Column	2nd Column	1st Column	2nd Column	
106-93-4	1,2-Dibromoethane (EDB)	0.20	0.19	0.19	**93** %	**94** %	70 - 130 %
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	0.20	0.19	0.19	**93** %	**97** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).

Report Notations: All calculations performed prior to rounding. Quality Control Limits are defined by the methodology, or alternatively based upon the historical average recovery plus or minus three standard deviation units.

GROUNDWATER ANALYTICAL

Quality Control Report
Method Blank

Category:	**EPA Method 8011**	Instrument ID:	**GC-6 HP 5890**
QC Batch ID:	**PV-1025-E**	Extracted:	**05-25-11 18:30**
Matrix:	**Aqueous**	Analyzed:	**05-25-11 23:54**
		Analyst:	**CRL**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	0.02
96-12-8	1,2-Dibromo-3-Chloropropane (DBCP)	BRL		ug/L	0.02

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Quality Control Report
Laboratory Control Samples

		LCS		LCSD	
Category:	**EPA Method 8260B**	Instrument ID:	**MS-9 HP 6890**	Instrument ID:	**MS-9 HP 6890**
QC Batch ID:	**VM9-1018-W**	Analyzed:	**05-26-11 05:38**	Analyzed:	**05-26-11 06:02**
Matrix:	**Aqueous**	Analyst:	**LMG**	Analyst:	**LMG**
Units:	**ug/L**				

CAS Number	Analyte	LCS			LCS Duplicate				QC Limits	
		Spiked	Measured	Recovery	Spiked	Measured	Recovery	RPD	Spike	RPD
75-71-8	Dichlorodifluoromethane	10	11	**115** %	10	11	**115** %	**0** %	70 - 130 %	20%
74-87-3	Chloromethane	10	10	**102** %	10	9.7	**97** %	**5** %	70 - 130 %	20%
75-01-4	Vinyl Chloride	10	11	**106** %	10	11	**105** %	**1** %	70 - 130 %	20%
74-83-9	Bromomethane	10	8.9	**89** %	10	9.1	**91** %	**1** %	70 - 130 %	20%
75-00-3	Chloroethane	10	11	**105** %	10	11	**108** %	**3** %	70 - 130 %	20%
75-69-4	Trichlorofluoromethane	10	9.9	**99** %	10	9.6	**96** %	**3** %	70 - 130 %	20%
60-29-7	Diethyl Ether	20	18	**92** %	20	18	**91** %	**1** %	70 - 130 %	20%
75-35-4	1,1-Dichloroethene	10	9.5	**95** %	10	9.1	**91** %	**4** %	70 - 130 %	20%
76-13-1	1,1,2-Trichlorotrifluoroethane	20	19	**96** %	20	19	**97** %	**1** %	70 - 130 %	20%
67-64-1	Acetone	20	17	**84** %	20	16	**82** %	**3** %	70 - 130 %	20%
75-15-0	Carbon Disulfide	20	17	**87** %	20	17	**86** %	**1** %	70 - 130 %	20%
75-09-2	Methylene Chloride	10	10	**101** %	10	10	**100** %	**1** %	70 - 130 %	20%
107-13-1	Acrylonitrile	10	9.9	**99** %	10	9.9	**99** %	**0** %	70 - 130 %	20%
156-60-5	*trans*- 1,2-Dichloroethene	10	9.7	**97** %	10	10	**100** %	**3** %	70 - 130 %	20%
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	10	9.5	**95** %	10	9.5	**95** %	**0** %	70 - 130 %	20%
75-34-3	1,1-Dichloroethane	10	9.7	**97** %	10	9.6	**96** %	**1** %	70 - 130 %	20%
594-20-7	2,2-Dichloropropane	10	11	**106** %	10	10	**104** %	**2** %	70 - 130 %	20%
156-59-2	*cis*- 1,2-Dichloroethene	10	10	**101** %	10	9.9	**99** %	**2** %	70 - 130 %	20%
78-93-3	2-Butanone (MEK)	20	16	**81** %	20	17	**84** %	**4** %	70 - 130 %	20%
74-97-5	Bromochloromethane	10	9.7	**97** %	10	9.5	**95** %	**2** %	70 - 130 %	20%
109-99-9	Tetrahydrofuran (THF)	20	18	**88** %	20	18	**90** %	**2** %	70 - 130 %	20%
67-66-3	Chloroform	10	9.2	**92** %	10	9.1	**91** %	**2** %	70 - 130 %	20%
71-55-6	1,1,1-Trichloroethane	10	10	**102** %	10	9.9	**99** %	**2** %	70 - 130 %	20%
56-23-5	Carbon Tetrachloride	10	9.6	**96** %	10	9.6	**96** %	**0** %	70 - 130 %	20%
563-58-6	1,1-Dichloropropene	10	9.7	**97** %	10	9.7	**97** %	**0** %	70 - 130 %	20%
71-43-2	Benzene	10	9.9	**99** %	10	9.9	**99** %	**0** %	70 - 130 %	20%
107-06-2	1,2-Dichloroethane	10	9.3	**93** %	10	9.5	**95** %	**2** %	70 - 130 %	20%
79-01-6	Trichloroethene	10	9.8	**98** %	10	10	**100** %	**2** %	70 - 130 %	20%
78-87-5	1,2-Dichloropropane	10	10	**100** %	10	9.8	**98** %	**2** %	70 - 130 %	20%
74-95-3	Dibromomethane	10	9.4	**94** %	10	9.4	**94** %	**1** %	70 - 130 %	20%
75-27-4	Bromodichloromethane	10	9.0	**90** %	10	9.2	**92** %	**2** %	70 - 130 %	20%
123-91-1	1,4-Dioxane	200	180	**92** %	200	190	**95** %	**3** %	70 - 130 %	20%
10061-01-5	*cis*- 1,3-Dichloropropene	10	9.4	**94** %	10	9.6	**96** %	**2** %	70 - 130 %	20%
108-10-1	4-Methyl-2-Pentanone (MIBK)	20	19	**97** %	20	20	**100** %	**3** %	70 - 130 %	20%
108-88-3	Toluene	10	9.7	**97** %	10	9.6	**96** %	**1** %	70 - 130 %	20%
10061-02-6	*trans*- 1,3-Dichloropropene	10	8.9	**89** %	10	9.0	**90** %	**2** %	70 - 130 %	20%
79-00-5	1,1,2-Trichloroethane	10	9.7	**97** %	10	9.6	**96** %	**1** %	70 - 130 %	20%
127-18-4	Tetrachloroethene	10	9.7	**97** %	10	9.5	**95** %	**3** %	70 - 130 %	20%
142-28-9	1,3-Dichloropropane	10	9.7	**97** %	10	9.7	**97** %	**0** %	70 - 130 %	20%
591-78-6	2-Hexanone	20	20	**101** %	20	20	**99** %	**2** %	70 - 130 %	20%
124-48-1	Dibromochloromethane	10	9.5	**95** %	10	9.3	**93** %	**2** %	70 - 130 %	20%
106-93-4	1,2-Dibromoethane (EDB)	10	10	**101** %	10	10	**100** %	**1** %	70 - 130 %	20%
108-90-7	Chlorobenzene	10	9.3	**93** %	10	9.1	**91** %	**2** %	70 - 130 %	20%
630-20-6	1,1,1,2-Tetrachloroethane	10	9.5	**95** %	10	9.3	**93** %	**2** %	70 - 130 %	20%
100-41-4	Ethylbenzene	10	9.8	**98** %	10	9.7	**97** %	**1** %	70 - 130 %	20%
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	20	20	**102** %	20	20	**101** %	**2** %	70 - 130 %	20%
95-47-6	*ortho*- Xylene	10	10	**100** %	10	9.9	**99** %	**1** %	70 - 130 %	20%
100-42-5	Styrene	10	10	**103** %	10	10	**101** %	**2** %	70 - 130 %	20%
75-25-2	Bromoform	10	9.8	**98** %	10	9.6	**96** %	**2** %	70 - 130 %	20%

GROUNDWATER ANALYTICAL

Quality Control Report
Laboratory Control Samples

		LCS		LCSD	
Category:	**EPA Method 8260B**	Instrument ID:	**MS-9 HP 6890**	Instrument ID:	**MS-9 HP 6890**
QC Batch ID:	**VM9-1018-W**	Analyzed:	**05-26-11 05:38**	Analyzed:	**05-26-11 06:02**
Matrix:	**Aqueous**	Analyst:	**LMG**	Analyst:	**LMG**
Units:	**ug/L**				

CAS Number	Analyte	LCS			LCS Duplicate				QC Limits	
		Spiked	Measured	Recovery	Spiked	Measured	Recovery	RPD	Spike	RPD
98-82-8	Isopropylbenzene	10	8.8	**88** %	10	9.1	**91** %	**3** %	70 - 130 %	20%
108-86-1	Bromobenzene	10	9.9	**99** %	10	10	**100** %	**1** %	70 - 130 %	20%
79-34-5	1,1,2,2-Tetrachloroethane	10	9.8	**98** %	10	10	**102** %	**4** %	70 - 130 %	20%
96-18-4	1,2,3-Trichloropropane	10	9.8	**98** %	10	9.9	**99** %	**1** %	70 - 130 %	20%
110-57-6	*trans*-1,4-Dichloro-2-butene	200	280	**139** % q	200	280	**140** % q	**1** %	70 - 130 %	20%
103-65-1	*n*-Propylbenzene	10	10	**102** %	10	11	**105** %	**3** %	70 - 130 %	20%
95-49-8	2-Chlorotoluene	10	9.7	**97** %	10	10	**101** %	**4** %	70 - 130 %	20%
108-67-8	1,3,5-Trimethylbenzene	10	11	**105** %	10	11	**105** %	**0** %	70 - 130 %	20%
106-43-4	4-Chlorotoluene	10	8.7	**87** %	10	8.7	**87** %	**0** %	70 - 130 %	20%
98-06-6	*tert*-Butylbenzene	10	10	**102** %	10	11	**106** %	**4** %	70 - 130 %	20%
95-63-6	1,2,4-Trimethylbenzene	10	11	**107** %	10	11	**109** %	**1** %	70 - 130 %	20%
135-98-8	*sec*-Butylbenzene	10	10	**104** %	10	10	**104** %	**0** %	70 - 130 %	20%
541-73-1	1,3-Dichlorobenzene	10	9.7	**97** %	10	9.7	**97** %	**0** %	70 - 130 %	20%
99-87-6	4-Isopropyltoluene	10	9.9	**99** %	10	10	**101** %	**2** %	70 - 130 %	20%
106-46-7	1,4-Dichlorobenzene	10	9.4	**94** %	10	9.4	**94** %	**0** %	70 - 130 %	20%
95-50-1	1,2-Dichlorobenzene	10	9.3	**93** %	10	9.5	**95** %	**2** %	70 - 130 %	20%
104-51-8	*n*-Butylbenzene	10	10	**105** %	10	11	**106** %	**1** %	70 - 130 %	20%
96-12-8	1,2-Dibromo-3-chloropropane	10	9.7	**97** %	10	9.8	**98** %	**1** %	70 - 130 %	20%
108-70-3	1,3,5-Trichlorobenzene	10	9.1	**91** %	10	9.0	**90** %	**2** %	70 - 130 %	20%
120-82-1	1,2,4-Trichlorobenzene	10	9.8	**98** %	10	10	**100** %	**2** %	70 - 130 %	20%
87-68-3	Hexachlorobutadiene	10	10	**103** %	10	10	**100** %	**3** %	70 - 130 %	20%
91-20-3	Naphthalene	10	10	**104** %	10	11	**108** %	**4** %	70 - 130 %	20%
87-61-6	1,2,3-Trichlorobenzene	10	10	**101** %	10	10	**104** %	**3** %	70 - 130 %	20%
75-65-0	*tert*-Butyl Alcohol (TBA)	200	180	**90** %	200	180	**91** %	**1** %	70 - 130 %	20%
108-20-3	Di-isopropyl Ether (DIPE)	10	9.0	**90** %	10	9.1	**91** %	**1** %	70 - 130 %	20%
637-92-3	Ethyl *tert*-butyl Ether (ETBE)	10	9.1	**91** %	10	9.1	**91** %	**0** %	70 - 130 %	20%
994-05-8	*tert*-Amyl Methyl Ether (TAME)	10	8.6	**86** %	10	8.8	**88** %	**2** %	70 - 130 %	20%

QC Surrogate Compound	Spiked	Measured	Recovery	Spiked	Measured	Recovery		QC Limits
Dibromofluoromethane	10	8	**83** %	10	8	**84** %		70 - 130 %
1,2-Dichloroethane-d_4	10	9	**92** %	10	9	**89** %		70 - 130 %
Toluene-d_8	10	9	**90** %	10	9	**91** %		70 - 130 %
4-Bromofluorobenzene	10	9	**86** %	10	9	**86** %		70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5030B.

Report Notations: All calculations performed prior to rounding. Quality Control Limits are defined by the methodology, or alternatively based upon the historical average recovery plus or minus three standard deviation units.

q Surrogate recovery outside recommended limits.

GROUNDWATER ANALYTICAL

Quality Control Report
Method Blank

Category:	**EPA Method 8260B**	Instrument ID:	**MS-9 HP 6890**
QC Batch ID:	**VM9-1018-W**	Analyzed:	**05-26-11 06:26**
Matrix:	**Aqueous**	Analyst:	**LMG**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
75-71-8	Dichlorodifluoromethane	BRL		ug/L	0.50
74-87-3	Chloromethane	BRL		ug/L	0.50
75-01-4	Vinyl Chloride	BRL		ug/L	0.50
74-83-9	Bromomethane	BRL		ug/L	0.50
75-00-3	Chloroethane	BRL		ug/L	0.50
75-69-4	Trichlorofluoromethane	BRL		ug/L	0.50
60-29-7	Diethyl Ether	BRL		ug/L	2.0
75-35-4	1,1-Dichloroethene	BRL		ug/L	0.50
76-13-1	1,1,2-Trichlorotrifluoroethane	BRL		ug/L	5.0
67-64-1	Acetone	BRL		ug/L	10
75-15-0	Carbon Disulfide	BRL		ug/L	5.0
75-09-2	Methylene Chloride	BRL		ug/L	2.5
107-13-1	Acrylonitrile	BRL		ug/L	2.5
156-60-5	*trans*- 1,2-Dichloroethene	BRL		ug/L	0.50
1634-04-4	Methyl *tert*- butyl Ether (MTBE)	BRL		ug/L	0.50
75-34-3	1,1-Dichloroethane	BRL		ug/L	0.50
594-20-7	2,2-Dichloropropane	BRL		ug/L	0.50
156-59-2	*cis*- 1,2-Dichloroethene	BRL		ug/L	0.50
78-93-3	2-Butanone (MEK)	BRL		ug/L	5.0
74-97-5	Bromochloromethane	BRL		ug/L	0.50
109-99-9	Tetrahydrofuran (THF)	BRL		ug/L	5.0
67-66-3	Chloroform	BRL		ug/L	0.50
71-55-6	1,1,1-Trichloroethane	BRL		ug/L	0.50
56-23-5	Carbon Tetrachloride	BRL		ug/L	0.50
563-58-6	1,1-Dichloropropene	BRL		ug/L	0.50
71-43-2	Benzene	BRL		ug/L	0.50
107-06-2	1,2-Dichloroethane	BRL		ug/L	0.50
79-01-6	Trichloroethene	BRL		ug/L	0.50
78-87-5	1,2-Dichloropropane	BRL		ug/L	0.50
74-95-3	Dibromomethane	BRL		ug/L	0.50
75-27-4	Bromodichloromethane	BRL		ug/L	0.50
123-91-1	1,4-Dioxane	BRL		ug/L	500
10061-01-5	*cis*- 1,3-Dichloropropene	BRL		ug/L	0.40
108-10-1	4-Methyl-2-Pentanone (MIBK)	BRL		ug/L	5.0
108-88-3	Toluene	BRL		ug/L	0.50
10061-02-6	*trans*- 1,3-Dichloropropene	BRL		ug/L	0.40
79-00-5	1,1,2-Trichloroethane	BRL		ug/L	0.50
127-18-4	Tetrachloroethene	BRL		ug/L	0.50
142-28-9	1,3-Dichloropropane	BRL		ug/L	0.50
591-78-6	2-Hexanone	BRL		ug/L	5.0
124-48-1	Dibromochloromethane	BRL		ug/L	0.50
106-93-4	1,2-Dibromoethane (EDB)	BRL		ug/L	0.50
108-90-7	Chlorobenzene	BRL		ug/L	0.50
630-20-6	1,1,1,2-Tetrachloroethane	BRL		ug/L	0.50
100-41-4	Ethylbenzene	BRL		ug/L	0.50
108-38-3/106-42-3	*meta*- Xylene and *para*- Xylene	BRL		ug/L	0.50
95-47-6	*ortho*- Xylene	BRL		ug/L	0.50
100-42-5	Styrene	BRL		ug/L	0.50
75-25-2	Bromoform	BRL		ug/L	0.50

GROUNDWATER ANALYTICAL

Quality Control Report
Method Blank

Category:	**EPA Method 8260B**	Instrument ID:	**MS-9 HP 6890**
QC Batch ID:	**VM9-1018-W**	Analyzed:	**05-26-11 06:26**
Matrix:	**Aqueous**	Analyst:	**LMG**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
98-82-8	Isopropylbenzene	BRL		ug/L	0.50
108-86-1	Bromobenzene	BRL		ug/L	0.50
79-34-5	1,1,2,2-Tetrachloroethane	BRL		ug/L	0.50
96-18-4	1,2,3-Trichloropropane	BRL		ug/L	0.50
110-57-6	*trans*-1,4-Dichloro-2-butene	BRL		ug/L	25
103-65-1	*n*-Propylbenzene	BRL		ug/L	0.50
95-49-8	2-Chlorotoluene	BRL		ug/L	0.50
108-67-8	1,3,5-Trimethylbenzene	BRL		ug/L	0.50
106-43-4	4-Chlorotoluene	BRL		ug/L	0.50
98-06-6	*tert*-Butylbenzene	BRL		ug/L	0.50
95-63-6	1,2,4-Trimethylbenzene	BRL		ug/L	0.50
135-98-8	*sec*-Butylbenzene	BRL		ug/L	0.50
541-73-1	1,3-Dichlorobenzene	BRL		ug/L	0.50
99-87-6	4-Isopropyltoluene	BRL		ug/L	0.50
106-46-7	1,4-Dichlorobenzene	BRL		ug/L	0.50
95-50-1	1,2-Dichlorobenzene	BRL		ug/L	0.50
104-51-8	*n*-Butylbenzene	BRL		ug/L	0.50
96-12-8	1,2-Dibromo-3-chloropropane	BRL		ug/L	0.50
108-70-3	1,3,5-Trichlorobenzene	BRL		ug/L	0.50
120-82-1	1,2,4-Trichlorobenzene	BRL		ug/L	0.50
87-68-3	Hexachlorobutadiene	BRL		ug/L	0.50
91-20-3	Naphthalene	BRL		ug/L	0.50
87-61-6	1,2,3-Trichlorobenzene	BRL		ug/L	0.50
75-65-0	*tert*-Butyl Alcohol (TBA)	BRL		ug/L	20
108-20-3	Di-isopropyl Ether (DIPE)	BRL		ug/L	0.50
637-92-3	Ethyl *tert*-butyl Ether (ETBE)	BRL		ug/L	0.50
994-05-8	*tert*-Amyl Methyl Ether (TAME)	BRL		ug/L	0.50

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
Dibromofluoromethane	10	8.8	**88** %	70 - 130 %
1,2-Dichloroethane-d_4	10	9.1	**91** %	70 - 130 %
Toluene-d_8	10	9.1	**91** %	70 - 130 %
4-Bromofluorobenzene	10	8.4	**84** %	70 - 130 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample preparation performed by EPA Method 5030B.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Quality Control Report
Laboratory Control Sample

Category:	**CT ETPH Method**	Instrument ID:	**GC4 HP 5890**
QC Batch ID:	**HF-2342-F**	Extracted:	**05-19-11 17:30**
Matrix:	**Aqueous**	Analyzed:	**05-20-11 01:43**
Units:	**mg/L**	Analyst:	**MB**

Analyte	Spiked	Measured	Recovery	QC Limits
Fuel Oil No. 2	2.0	1.7	**85** %	60 - 120 %

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	0.040	0.038	**94** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by separatory funnel technique.

Report Notations: All calculations performed prior to rounding. Quality Control Limits are defined by the methodology, or alternatively based upon the historical average recovery plus or minus three standard deviation units.

GROUNDWATER ANALYTICAL

Quality Control Report
Method Blank

Category:	**CT ETPH Method**	Instrument ID:	**GC4 HP 5890**
QC Batch ID:	**HF-2342-F**	Extracted:	**05-19-11 17:30**
Matrix:	**Aqueous**	Analyzed:	**05-20-11 00:48**
		Analyst:	**MB**

Analyte	Concentration	Notes	Units	Reporting Limit
Extractable Total Petroleum Hydrocarbons	BRL		mg/L	0.1

QC Surrogate Compound	Spiked	Measured	Recovery	QC Limits
ortho-Terphenyl	0.040	0.036	**90** %	50 - 150 %

Method Reference: Analysis of Extractable Total Petroleum Hydrocarbons (ETPH) using Methylene Chloride and Gas Chromatography/ Flame Ionization Detection, CT DEP (1999). Sample extraction performed by separatory funnel technique.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

GROUNDWATER ANALYTICAL

Quality Control Report
Laboratory Control Samples

		LCS		LCSD	
Category:	**EPA 8082**	Instrument ID:	**GC-11 Agilent 6890**	Instrument ID:	**GC-11 Agilent 6890**
QC Batch ID:	**PB-2690-F**	Extracted:	**05-24-11 21:00**	Extracted:	**05-24-11 21:00**
Matrix:	**Aqueous**	Cleaned Up:	**05-25-11 16:00**	Cleaned Up:	**05-25-11 16:00**
Units:	**ug/L**	Analyzed:	**05-26-11 02:58**	Analyzed:	**05-26-11 03:22**
		Analyst:	**CRL**	Analyst:	**CRL**

CAS Number	Analyte	LCS					LCS Duplicate							QC Limits	
		Spiked	Measured		Recovery		Spiked	Measured		Recovery		RPD			
			1st Col	2nd Col	1st Col	2nd Col		1st Col	2nd Col	1st Col	2nd Col	1st Col	2nd Col	Spike	RPD
12674-11-2	Aroclor 1016	5.0	4.5	4.7	**90%**	**94%**	5.0	4.3	4.5	**86%**	**89%**	**4 %**	**6 %**	40 - 140%	20 %
11096-82-5	Aroclor 1260	5.0	4.6	4.9	**93%**	**98%**	5.0	4.4	4.6	**87%**	**91%**	**6 %**	**8 %**	40 - 140%	20 %

QC Surrogate Compound	Surrogate Recovery											QC Limits
Tetrachloro-*m* -xylene	0.20	0.17	0.18	**87%**	**89%**	0.20	0.17	0.17	**85%**	**87%**		30 - 150 %
Decachlorobiphenyl	0.20	0.18	0.19	**89%**	**93%**	0.20	0.17	0.17	**83%**	**86%**		30 - 150 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample extraction performed by EPA Method 3510C. Cleanup performed by EPA Method 3660B and EPA Method 3665A.

Report Notations: All calculations performed prior to rounding. Quality Control Limits are defined by the methodology, or alternatively based upon the historical average recovery plus or minus three standard deviation units.

GROUNDWATER ANALYTICAL

Quality Control Report
Method Blank

Category:	**EPA Method 8082**	Instrument ID:	**GC-11 Agilent 6890**
QC Batch ID:	**PB-2690-F**	Extracted:	**05-24-11 21:00**
Matrix:	**Aqueous**	Cleaned Up:	**05-25-11 16:00**
		Analyzed:	**05-26-11 02:35**
		Analyst:	**CRL**

CAS Number	Analyte	Concentration	Notes	Units	Reporting Limit
12674-11-2	Aroclor 1016	BRL		ug/L	0.2
11104-28-2	Aroclor 1221	BRL		ug/L	0.2
11141-16-5	Aroclor 1232	BRL		ug/L	0.2
53469-21-9	Aroclor 1242	BRL		ug/L	0.2
12672-29-6	Aroclor 1248	BRL		ug/L	0.2
11097-69-1	Aroclor 1254	BRL		ug/L	0.2
11096-82-5	Aroclor 1260	BRL		ug/L	0.2
37324-23-5	Aroclor 1262 †	BRL		ug/L	0.2
11100-14-4	Aroclor 1268 †	BRL		ug/L	0.2

QC Surrogate Compound		Spiked	Measured	Recovery	QC Limits
First Column	Tetrachloro-*m*-xylene	0.20	0.17	**86** %	30 - 150 %
	Decachlorobiphenyl	0.20	0.15	**77** %	30 - 150 %
Second Column	Tetrachloro-*m*-xylene	0.20	0.18	**88** %	30 - 150 %
	Decachlorobiphenyl	0.20	0.17	**85** %	30 - 150 %

Method Reference: Test Methods for Evaluating Solid Waste, US EPA, SW-846, Third Edition, Update III (1996).
Sample extraction performed by EPA Method 3510C. Cleanup performed by EPA Method 3660B and EPA Method 3665A.

Report Notations: BRL Indicates concentration, if any, is below reporting limit for analyte. Reporting limit is the lowest concentration that can be reliably quantified under routine laboratory operating conditions. Reporting limits are adjusted for sample size and dilution.

† Non-target analyte. Result is based on a single mid-range calibration standard.

GROUNDWATER ANALYTICAL

Certifications and Approvals

Groundwater Analytical maintains environmental laboratory certification in a variety of states.
Copies of our current certificates may be obtained from our website:

http://www.groundwateranalytical.com/qualifications.htm

CONNECTICUT

Department of Health Services, PH-0586 — Potable Water, Wastewater, Solid Waste and Soil
http://www.ct.gov/dph/lib/dph/environmental health/environmental laboratories/pdf/Out State.pdf

MASSACHUSETTS

Department of Environmental Protection, M-MA-103 — Potable Water and Non-Potable Water
http://public.dep.state.ma.us/labcert/labcert.aspx

Department of Labor,
Division of Occupational Safety, AA000195 — Asbestos Analytical Services, Class A
http://www.mass.gov/dos/forms/la-rpt list aa.pdf

NEW HAMPSHIRE

Department of Environmental Services, 202708 — Potable Water, Non-Potable Water, Solid and Chemical Materials
http://www4.egov.nh.gov/DES/NHELAP

NEW YORK

Department of Health, 11754 — Potable Water, Non-Potable Water, Solid and Hazardous Waste
http://www.wadsworth.org/labcert/elap/comm.html

RHODE ISLAND

Department of Health,
Division of Laboratories, LAO00054 — Potable and Non-Potable Water Microbiology, Organic and Inorganic Chemistry
http://www.health.ri.gov/labs/outofstatelabs.pdf

U.S. DEPARTMENT OF AGRICULTURE

USDA, Soil Permit, S-53921 — Foreign soil import permit

VERMONT

Department of Health, VT-87643 — Potable Water
http://healthvermont.gov/enviro/ph_lab/water_test.aspx#cert

GROUNDWATER ANALYTICAL

Certifications and Approvals

MASSACHUSETTS	Department of Environmental Protection, M-MA-103

Groundwater Analytical maintains MassDEP environmental laboratory certification for only the methods and analytes listed below. Analyses for certified analytes are conducted in accordance with MassDEP certification standards, except as may be specifically noted in the project narrative.

Potable Water (Drinking Water)

Analyte	Method
1,2-Dibromo-3-Chloropropane	EPA 504.1
1,2-Dibromoethane	EPA 504.1
Alkalinity, Total	SM 2320-B
Antimony	EPA 200.8
Arsenic	EPA 200.8
Barium	EPA 200.7
Barium	EPA 200.8
Beryllium	EPA 200.7
Beryllium	EPA 200.8
Cadmium	EPA 200.7
Cadmium	EPA 200.8
Calcium	EPA 200.7
Chlorine, Residual Free	SM 4500-CL-G
Chromium	EPA 200.7
Copper	EPA 200.7
Copper	EPA 200.8
Cyanide, Total	Lachat 10-204-00-1-A
E. Coli (Treatment and Distribution)	Enz. Sub. SM 9223
E. Coli (Treatment and Distribution)	NA-MUG SM 9222-G
Fecal Coliform (Source Water)	MF SM 9222-D
Fluoride	EPA 300.0
Fluoride	SM 4500-F-C
Haloacetic Acids	EPA 552.2
Heterotrophic Plate Count	SM 9215-B
Lead	EPA 200.8
Mercury	EPA 245.1
Nickel	EPA 200.7
Nickel	EPA 200.8
Nitrate-N	EPA 300.0
Nitrate-N	Lachat 10-107-04-1-C
Nitrite-N	EPA 300.0
Nitrite-N	Lachat 10-107-04-1-C
pH	SM 4500-H-B
Selenium	EPA 200.8
Silver	EPA 200.7
Silver	EPA 200.8
Sodium	EPA 200.7
Sulfate	EPA 300.0
Thallium	EPA 200.8
Total Coliform (Treatment and Distribution)	Enz. Sub. SM 9223
Total Coliform (Treatment and Distribution)	MF SM 9222-B
Total Dissolved Solids	SM 2540-C
Trihalomethanes	EPA 524.2
Turbidity	SM 2130-B
Volatile Organic Compounds	EPA 524.2

Non-Potable Water (Wastewater)

Analyte	Method
Aldrin	EPA 608
Alkalinity, Total	SM 2320-B
Alpha-BHC	EPA 608
Aluminum	EPA 200.7

Non-Potable Water (Wastewater)

Analyte	Method
Aluminum	EPA 200.8
Ammonia-N	Lachat 10-107-06-1-B
Antimony	EPA 200.7
Antimony	EPA 200.8
Arsenic	EPA 200.7
Arsenic	EPA 200.8
Beryllium	EPA 200.7
Beryllium	EPA 200.8
Beta-BHC	EPA 608
Biochemical Oxygen Demand	SM 5210-B
Cadmium	EPA 200.7
Cadmium	EPA 200.8
Calcium	EPA 200.7
Chemical Oxygen Demand	SM 5220-D
Chlordane	EPA 608
Chloride	EPA 300.0
Chlorine, Total Residual	SM 4500-CL-G
Chromium	EPA 200.7
Chromium	EPA 200.8
Cobalt	EPA 200.7
Cobalt	EPA 200.8
Copper	EPA 200.7
Copper	EPA 200.8
Cyanide, Total	Lachat 10-204-00-1-A
DDD	EPA 608
DDE	EPA 608
DDT	EPA 608
Delta-BHC	EPA 608
Dieldrin	EPA 608
Endosulfan I	EPA 608
Endosulfan II	EPA 608
Endosulfan Sulfate	EPA 608
Endrin	EPA 608
Endrin Aldehyde	EPA 608
Gamma-BHC	EPA 608
Hardness (CaCO3), Total	EPA 200.7
Hardness (CaCO3), Total	SM 2340-B
Heptachlor	EPA 608
Heptachlor Epoxide	EPA 608
Iron	EPA 200.7
Kjeldahl-N	Lachat 10-107-06-02-D
Lead	EPA 200.7
Magnesium	EPA 200.7
Manganese	EPA 200.7
Manganese	EPA 200.8
Mercury	EPA 245.1
Molybdenum	EPA 200.7
Molybdenum	EPA 200.8
Nickel	EPA 200.7
Nickel	EPA 200.8
Nitrate-N	EPA 300.0
Nitrate-N	Lachat 10-107-04-1-C
Non-Filterable Residue	SM 2540-D
Oil and Grease	EPA 1664

GROUNDWATER ANALYTICAL

Certifications and Approvals

MASSACHUSETTS	Department of Environmental Protection, M-MA-103

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Non-Potable Water (Wastewater)

Analyte	Method
Orthophosphate	Lachat 10-115-01-1-A
pH	SM 4500-H-B
Phenolics, Total	EPA 420.4
Phenolics, Total	Lachat 10-210-00-1-B
Phosphorus, Total	Lachat 10-115-01-1-C
Phosphorus, Total	SM 4500-P-B,E
Polychlorinated Biphenyls (Oil)	EPA 600/4-81-045
Polychlorinated Biphenyls (Water)	EPA 608
Potassium	EPA 200.7
Selenium	EPA 200.7
Selenium	EPA 200.8
Silver	EPA 200.7
Sodium	EPA 200.7
Specific Conductivity	SM 2510-B
Strontium	EPA 200.7
Sulfate	EPA 300.0
SVOC-Acid Extractables	EPA 625
SVOC-Base/Neutral Extractables	EPA 625
Thallium	EPA 200.7
Thallium	EPA 200.8
Titanium	EPA 200.7
Total Dissolved Solids	SM 2540-C
Total Organic Carbon	SM 5310-B
Toxaphene	EPA 608
Vanadium	EPA 200.7
Vanadium	EPA 200.8
Volatile Aromatics	EPA 602
Volatile Aromatics	EPA 624
Volatile Halocarbons	EPA 624
Zinc	EPA 200.7
Zinc	EPA 200.8