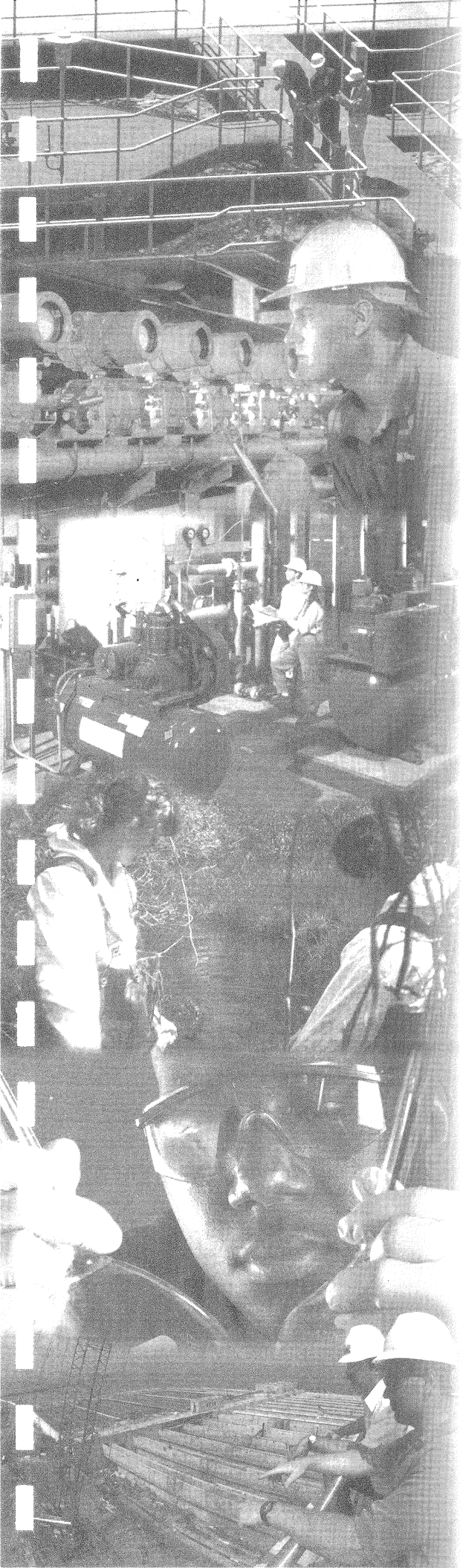

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EPA Project Officer: Diana King
EPA Work Assignment Manager: Jim Byrne

Phase I Environmental Site Assessment

Meriden HUB Meriden, Connecticut

NON- SUPERFUND TARGETED BROWNFIELDS ASSESSMENTS

March 2004

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Phase I Environmental Site Assessment
Meriden HUB Site
Meriden, Connecticut
March 2004

1.0 EXECUTIVE SUMMARY

The Phase I Environmental Site Assessment (Phase I ESA) for the property known as the Meriden HUB in Meriden, Connecticut has been prepared in accordance with the U.S. EPA's Statement of Work and Metcalf & Eddy's (M&E's) Work Plan for conducting non-Superfund Targeted Brownfields Assessments (TBA), Work Assignment No. 155-SIBZ-0100, under EPA's Response Action Contract (RAC). The Phase I ESA format is based on American Society for Testing and Materials (ASTM) Standard E 1527-97.

The Meriden HUB is located at 1 & 77 State Street and 30 & 50 East Main Street in downtown Meriden, as shown in Figure 1, located in Appendix A. The approximately 14 acre site encompasses a city block. It is bordered by State Street to the north, Mill Street to the east, East Main Street to the west, and Pratt Street to the south, as shown in Figure 2, located in Appendix A.

The property is currently owned by the Meriden Economic Resources Group (MERG). MERG, in partnership with the city of Meriden, Chamber of Commerce, Meriden Economic Development Corp., and SNET/SBC intends to redevelop the property as part of their master plan for downtown. The Phase I ESA covers only the Meriden HUB property, referred to herein as "the site" or "the property."

1.1 Site History

In 1863 the Meriden Britannia Company, a silver plate and sterling silver flatware manufacturer, expanded its operations onto the site. In 1898 the company merged with several other silver manufacturers and became the International Silver Company (Insilco). Insilco operated on the site until the late 1950s. Several other businesses operated on the site during this period, including auto service and filling stations, dry cleaners, a glass cutting factory, and a door manufacturing company.

By 1970, the previous site buildings had been razed, and a large building which contained Meriden Mall and two smaller buildings, each containing banks, were located on the site. Harbor Brook, which flowed through the center of the site, had been diverted into a subsurface drainage structure. In 1976, the mall building was renovated to contain a factory and several small retail stores. The factory area was occupied by Canberra Industries from 1983 to1993. Canberra Industries manufactured instruments used to measure radiation.

In 1993, Canberra Industries relocated; however, the stores in the building as well as the two banks continued to operate through 2003. Presently, all of the retail stores are closed, and the large building is vacant. One of the bank buildings is still operating, and the other one has been razed.

1.2 Statement of Work

A search of available environmental records was conducted for M&E by Environmental Data Resources, Inc. (EDR). Other sources of information were provided by the city of Meriden, MERG and the USEPA. These included prior site assessments of the subject property, as well as the proposed redevelopment plans for the site. A limited site walkthrough was also conducted with representatives of the city and USEPA.

1.3 Conclusions

Based on the results of this Phase I ESA, M&E has concluded that *recognized environmental conditions* as outlined in ASTM E 1527-97 have a reasonable potential to exist, as indicated by the results of studies outlined herein and the history and heavy industrial use of the site. The extent of the *recognized environmental conditions,* and therefore the impact of these conditions on the site, are not well defined at this time; for that reason, additional studies are recommended.

2.0 INTRODUCTION

The Phase I Environmental Site Assessment (Phase I ESA) for the property known as the Meriden HUB, located in Meriden, Connecticut has been prepared in accordance with the U.S. EPA's Statement of Work and Metcalf & Eddy's (M&E's) Work Plan for conducting non-Superfund Targeted Brownfields Assessments (TBA), Work Assignment No. 155-SIBZ-0100, under EPA's Response Action Contract (RAC). The Phase I ESA format is based on American Society for Testing and Materials (ASTM) Standard E 1527-97.

The funding for preparation of the Phase I ESA is from a grant of services given by EPA to the city of Meriden, Connecticut, the grant applicant and the intended user of the Phase I ESA. M&E is the environmental professional whose services are being provided by EPA to the city of Meriden, Connecticut.

The general intent of conducting an ASTM Phase I ESA is to "permit a user to satisfy one of the requirements to qualify for the innocent landowner defense to CERCLA liability", which is that the user conduct "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice..." (ASTM 1527-97). The goal of the ASTM Phase I ESA practice is to identify "recognized environmental conditions" on a property. The term "recognized environmental conditions" means "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 release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface

water of the property" (ASTM 1527-97). A "user" may include a purchaser of property, an owner of property, a lender, or a property manager. For this Phase I ESA, the primary user is the applicant for the TBA grant, namely the city of Meriden, Connecticut. The city may wish to use the Phase I ESA as supporting documentation for grant or loan applications for additional Brownfields funding. In effect, the EPA and M&E are also users of the Phase I ESA, in that the Phase I ESA information will be used to develop a Field Task Work Plan (FTWP) for a site investigation of the subject property, in accordance with the EPA Targeted Brownfields Assessment work assignment. The site investigation is also part of the EPA grant of services to the city.

The Phase I ESA for the Meriden HUB site mirrors the ASTM standard to the degree possible, within the limitations of the TBA program and the information available to the city of Meriden at the time of the Phase I ESA preparation. Certain information that the standard suggests be provided by the user is not included, when determined to be unnecessary for fulfilling the user's needs. For example, a search of title records was not conducted.

The Meriden Economic Resources Group (MERG), the current property owner, is a non-profit economic development agency that is a partner with the city in the redevelopment of the site. MERG plans to transfer the property to the city. Site remediation, if needed, will be undertaken in concert with the demolition of on-site structures and site improvements to eliminate chronic flooding problems in the area. The city is assuming responsibility for this work, both to control flooding and to provide a town green meeting place and possible mixed retail and office uses. The HUB site is a key focal point of the City Center Initiative (CCI) plan, a master plan to redevelop the city's central core and stimulate economic growth.

2.1 Purpose

The primary purpose of the Phase I ESA is to support the development of a Field Task Work Plan for conducting a site investigation of the subject property. The user (the city of Meriden) may also use the Phase I ESA as a support document when applying for brownfields-targeted grant or loan funds to help further assess or remediate the property. The city intends to assume responsibility for remediating possible contamination, so that the property can be redeveloped as part of their master plan for downtown. Hence, the Phase I ESA is not intended as direct support for real estate transactions involving the property.

2.2 Special Terms and Conditions

The scope of services for an EPA Targeted Brownfields Assessment includes four EPA subtasks: Subtask 1 - Background Review and Field Task Work Plan; Subtask 2 - Site Investigation; Subtask 3 - Sample Analysis and Data Usability Review; and Subtask 4 - Data Evaluation, Reporting, and Site Closeout. Only Subtask 1 relates to preparation of the Phase I ESA.

EPA Subtask 1 - Background Review and Field Task Work Plan. As part of the EPA grant of services for performing TBAs, record searches and file reviews were conducted to develop the

Phase I ESA. Information for the site and adjacent properties was obtained from the city's TBA application, municipal records, state records with the Connecticut Department of Environmental Protection (CTDEP), a limited site visit conducted on January 20, 2004, and conversations with local historians and representatives of the city and MERG. A database search report was also obtained from Environmental Data Resources, Inc. that included Sanborn maps as well as identification of sites within one-half mile of the target property that are listed in various state or federal databases. A copy of the EDR report is included in Appendix B. The EDR report was used as a starting point to identify records to be searched in state or municipal files. The EPA and the city of Meriden provided M&E with copies of documents related to previous site investigations. Excerpts from these documents are provided in Appendix C.

2.3 Limitations and Exceptions of Assessment

It has been assumed by M&E that information provided by the city of Meriden is accurate to the extent that it was used by M&E to evaluate site history and prior conditions. M&E has also assumed that the EDR Radius Map compiled and provided under subcontract with Environmental Data Resources, Inc. meets the government records search requirements of ASTM 1527-97 as stated in the executive summary of that report. The level of effort provided for this Phase I ESA has taken into consideration that two studies by others were already available (as outlined herein), and that those studies went beyond Phase I ESA standard practice and provided the results of additional investigations and associated data. Such an adjustment to the present level of inquiry is provided for in ASTM Section 4.5.3. M&E has assumed that the information and data provided by the former studies are substantially accurate and has relied upon the information and data accordingly.

2.4 Limiting Conditions and Methodology Used

Metcalf & Eddy's Statement of Limitations has been attached as Appendix D. The Statement of Limitations addresses specific exceptions, special terms and conditions, and user reliance relative to the scope of services outlined above.

3.0 SITE DESCRIPTION

Site description and background information presented in this section are primarily summarized from the previous Phase I Environmental Site Assessment (M&E Feb. 1995) and the site walkthrough conducted on January 20, 2004. A limited amount of information was drawn from an environmental database search and Sanborn map review (Environmental Data Resources, 2003), and a search of files at the CTDEP.

3.1 Location and Legal Description

The Meriden HUB is located at 1 & 77 State Street and 30 & 50 East Main Street in Meriden, Connecticut (Figure 1). The site is located at North latitude 41.32.22.9 and West longitude 72.47.56.4; UTM coordinates X – 683599.9 meters, Y – 4600798.0 meters.

3.2 Site and Vicinity Characteristics

The property is approximately 14 acres and is bordered by State Street to the north, Mill Street to the east, East Main Street to the west, and Pratt Street to the south (Figure 2). The topography is relatively flat. The property is located in the downtown business district, and is zoned as commercial land. MERG, in conjunction with the city of Meriden, intends to redevelop the property as part of their master plan for downtown.

3.3 Descriptions of Structures, Roads, Other Improvements on the Site

Currently, the site consists of two buildings, several islands of vegetation and a paved parking area, as shown on Figure 2. A 220,000 square foot, vacant building is located along Pratt Street, on the south central part of the site. This building formerly housed a manufacturing facility for Canberra Industries and several retail stores. A 6,000 square foot building, which is occupied by a bank, is located in the southwestern corner of the site, at the corner of East Main and State Streets. The bank is the only area of the site that is currently occupied. According to the previous Phase I, the buildings are connected to municipal water and sewer. Heat and hot water were reportedly provided by natural gas.

According to historic maps and photographs as well as information provided by the city of Meriden, three underground culverts are located at the site. Harbor Brook flows through a double box culvert and flows under the site from northeast to southwest. Clark Brook flows in a culvert into Harbor Brook from the north, and Jordan Brook flows in a culvert into Harbor Brook from the south.

3.4 Information Reported by User Regarding Environmental Liens or Specialized Knowledge or Experience

According to the City of Meriden, there are no liens or Environmental Land Use Restrictions on the site. The area has experienced flooding, most likely due to the three brooks in culverts under the site. Therefore, the city's future plans for the site include addressing the flooding problems.

The USEPA and the City of Meriden provided M&E with documents related to past environmental assessments at the site. Copies of the reports are provided in Appendix C. In May 1999 Milone & MacBroom, Inc. conducted a limited subsurface investigation at the site. Four groundwater monitoring wells were installed on the northwestern side of the site, and soil samples were collected during the well installation The results of the soil sample analysis are summarized in Table 1, provided in Appendix E. A Preliminary Environmental Site Investigation was performed by Nobis Engineering for the US Army Corps of Engineers in November 2001. Groundwater samples were collected from the on-site monitoring wells in July 2001, and the results are summarized in Table 2, provided in Appendix E. Details of these investigations are provided in Section 4.5.

3.5 Current Use of the Property

The site is currently unused, except for a bank, located in the southwestern part of the site.

3.6 Past Uses of the Property

The Meriden Britannia Company and later International Silver Company (Insilco) manufactured silver plate and sterling silver flatware at the site from 1863 to 1958. The remainder of the site contained residential homes and many smaller businesses, including automobile service stations, dry cleaners and machine shops. In the late 1950's most of the original buildings were razed. In 1970 one large building which housed the Meriden Mall, and two small buildings, which each contained a bank, were located on the site. In 1976, the mall closed, and the building was renovated to create several retail stores and a factory. Canberra Industries, a nuclear instrumentation manufacturer, occupied the factory area from 1983 to 1993. Table 3, provided in Appendix E, summarizes some of the historic uses at the site. Figure 3 in Appendix A presents a site plan with the approximate locations of historic site activities. In 2003, all of the retail stores were closed and one of the bank buildings was razed. Further discussion is presented in Section 4.3 – Historical Use Information.

3.7 Current and Past Uses of Adjoining Properties

Adjoining properties include the Amtrak transit station across State Street to the north; a bank across East Main Street to the west; a housing complex across Mill Street to the east; and a fire house, a few vacant lots, and miscellaneous stores across Pratt Street to the south. Past uses of adjoining properties included Meriden Britannia and then Insilco silver manufacturers to the north, and miscellaneous residences and retail stores to the east, south, and west. Further discussion is presented in Section 4.4 - Historical Use Information On Adjoining Properties.

3.8 Site Rendering, Map, or Site Plan See Appendix A.

4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources

A search of available environmental records was conducted for M&E by Environmental Data Resources, Inc. (EDR). The EDR report meets the government record search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97; search distances are standard. A copy of the EDR report is provided in Appendix B. A file review at CTDEP was conducted as a follow up to the EDR report. Sanborn maps of the site from 1884, 1891, 1896, 1901, 1950 and 1970, and historic aerial photographs from 1951, 1965, 1970, 1975, 1980, 1986, 1990 and 1995 were reviewed.

4.2 Physical Setting Source(s)

The topography of the site, based on review of topographical maps and site visit observations, is relatively flat and predominantly an asphalt paved parking lot, with several islands of vegetation throughout the parking lot area.

4.3 Historical Use Information

Table 3 and Figure 3 summarize the historical site uses that are discussed in this section.

The Meriden Britannia Company was founded in 1852 in Meriden, Connecticut. At that time, the company primarily manufactured pewter and britannia ware. Britannia is a pewter-like alloy, which was used for flatware during that period. In 1856 they consolidated their operations to a new factory location on the north side of State Street, just north of the subject site. In 1863 the company expanded its operations south to within the subject site property boundaries. The site operations consisted of a four-story, brick factory and several smaller buildings, located primarily on the north side of Harbor Brook. The remainder of the site contained residential homes, small businesses, carriage houses, a hotel, a fire engine house, and a lumber storage and wood shop.

In 1891 other businesses at the site included the J.G. Bergen Company glass cutting factory; and the Rogers Smith and Company factory, silver manufacturer. In 1896, the eastern portion of the site, east of Stone Street, contained the H.L. Moorehouse Company, a wooden sash, door and blind manufacturer. The area contained several lumber yards and factory buildings. Many small businesses and residences still occupied the southern and western parts of the site.

In 1898 the Meriden Britannia Company merged with several other silver manufacturers and established the International Silver Company (Insilco). Insilco operations were located north and south of the Harbor Brook and west of Miller Street. The remainder of the site still contained the H.L. Moorehouse Company; the J.G. Bergen Company glass cutting factory; Rogers Smith and Company factory, silver manufacturer; and miscellaneous small businesses and residences. In 1901 Frank Wheeler & Sons Machine Builders was also located there.

In 1940 and 1942 the site contained two auto filling stations, an auto sales and service business, a photo shop, a dry cleaners, two welding shops, a pipe shop, a plumber and a plumbing supply shop. Insilco, the H.L. Moorehouse Company, the J.G. Bergen Company, and Frank Wheeler & Sons Machine Builders were all still located there, as well as many smaller businesses and residential buildings.

The site continued to develop through the 1950's. However, by the end of the decade, the area was experiencing difficulties, and in 1958 the federal government approved a redevelopment plan for the HUB. Over the next several years 84 buildings were demolished, renovated or rebuilt. Insilco closed its operations there in 1958.

From before the 1880s to the 1970's the site was crossed by two roads, Stone and Miller Streets, spanning the site from Pratt Street to State Street. Miller Street was abandoned between 1955 and 1967. Between 1967 and 1972, Stone Street was abandoned and infrastructure improvements were completed on State Street. Historically Pilgrim Harbor Brook, a tributary of the Quinnipiac River, flowed through the central portion of the site in a southwesterly direction. Clark Brook flowed into Harbor Brook from the north, and Jordan Brook flowed into Harbor Brook from the south. In 1970, Harbor Brook, Clark Brook and Jordan Brook were diverted to subsurface drainage structures.

In 1970 the Meriden Mall opened on the site. The site consisted of one large building containing the Meriden Mall and two smaller buildings containing banks, with a paved parking lot throughout the remainder of the site. After a few years, the mall closed. In 1976, the mall building was renovated to create several mall front stores in the northern side of the building and a factory space in the southern portion.

Canberra Industries, Inc. occupied the southern portion of the building from 1983 to 1993. Canberra Industries manufactured instruments used to measure radiation. Production areas included a wave solder area, machine shop, fabrication area, detector room, and a dark room. A hazardous waste storage room was located in the south central area of the building. An approximately 100 gallon hydraulic oil storage tank is located near the elevator in the building. From 1984 through 1993, Canberra Industries was listed as a large quantity generator in the Connecticut Hazardous Waste Handlers file. A 1987 Generator Hazardous Waste Report lists several compounds as generated by Canberra at the site. The compounds included tin and lead scrap solder, 1,1,1-trichloroethane, methyl alcohol, nitric acid, hydrofluoric acid, hydroquinone acid, acetic acid, ammonium hydroxide, wave solder oil, sodium/lithium nitrate solution, acetone, freon, kerosene, methanol, aqueous dross oil, pentane, and trichloroethylene. In 1993, following a flood at the site, Canberra relocated. DEP approved a change of status from generator to non-handler of hazardous wastes for Canberra at the site in December 1994.

The factory part of the building has been vacant since 1993. The two smaller buildings continued to be occupied by banking institutions. The retail stores remained in operation through 2003. The bank located in the southeastern corner of the site was razed in 2003. The bank located in the southwestern corner of the site remains in business.

4.4 Historical Use Information on Adjoining Properties

From M&E's review of the 1884, 1891, 1896, 1901, 1950 and 1970 Sanborn fire insurance maps of the site and the surrounding area, the general character of the adjoining and outlying properties was traced from 1884 through 1971. According to the Sanborn maps, the site has been a business district, bounded by streets on all sides, throughout this period. A railroad station and railroad tracks have been located across State Street to the north, from 1884 through the present time. From 1856 to the 1960's, Meriden Britannia Company and Insilco factory buildings were

also located across State Street. Various businesses and residential buildings were located across East Main Street to the west, across Mill Street to the east, and across Pratt Street to the south. From the 1960's to the present, the area to the east has been occupied by a housing complex. The areas to the west and south contained various business, as well as a few vacant buildings and vacant lots.

Based on the EDR report (January 2003), one petroleum release was identified in the vicinity of the site. In December 1996, a leaking underground storage tank that contained #2 heating oil was removed from 71 Pratt Street, located to the south of the site. A ten gallon spill was reported on December 9, 1996, and the tank was removed from the site.

4.5 Additional Environmental Record Sources

The following sources were provided by the city of Meriden and the USEPA. Three different limited site investigations were conducted at the site.

Milone & MacBroom. In 1997, Milone & MacBroom, Inc. was retained by the City of Meriden to conduct a study of the area to address historic flooding along Harbor Brook. Four groundwater monitoring wells were installed along the north side of the building. Soil samples were collected from the well borings and analyzed for volatile organic compounds (EPA Method 8260b), total petroleum hydrocarbons (EPA Method 418.1), and mass metals (EPA Method 1312). The results of the analyses were compared to the Connecticut Remediation Standard Regulations (CTDEP, 1996). Based on the results, lead was detected at levels that exceeded the Residential Direct Exposure Criteria (RES DEC) in one of the samples. Total petroleum hydrocarbons were detected at levels that exceeded the RES DEC in three of the samples. The results are summarized in a Table 1, provided in Appendix E.

Nobis Engineering, Inc. In July 2001 Nobis Engineering, Inc. conducted a limited site investigation for the Army Corps of Engineers. Groundwater samples were collected from the four monitoring wells on site. The samples were collected in accordance with the USEPA Low Flow Method (1996) and analyzed for volatile organic compounds (VOC) by EPA Method 8260, semivolatile organic compounds (SVOC) by EPA Method 8270, polychlorinated biphenyls (PCB) by EPA Method 8082, total extractable petroleum hydrocarbons (ETPH) by the CT Method, and total metals by EPA Methods 6010, 7000, and 7470. The results of the analyses were compared to the Connecticut Remediation Standard Regulations (CTDEP, 1996). Based on the results, vinyl chloride was detected at levels that exceeded the Residential and Industrial/Commercial Volatilization Criteria in one of the samples. Copper was detected in one of the samples at levels that exceeded the Surface Water Protection Criteria. The results are summarized in a Table 2, provided in Appendix E.

Abacus Environmental, Inc. In October 2003, Abacus Environmental conducted building surveys for asbestos containing materials and lead based paint at the building located at 77 State Street, which formerly housed Canberra Industries and several retail stores. Bulk samples were

collected from all suspect asbestos containing materials in the building, and analyzed by Polarized Light Microscopy. Based on the laboratory results, thirteen types of asbestos-containing materials were found throughout the building. These materials included two types of floor tile, eight types of mastic, hot water heater gasket, and two types of roof flashing. The report recommended that all of the asbestos-containing materials be abated in accordance with current Connecticut regulations prior to demolishing the building.

The lead-based paint survey was conducted as a walk-through visual inspection and a screening of painted surfaces for lead using an XRF spectrum analyzer RMD LPA-1. The XRF lead results indicated the presence of lead in eleven of the forty-one samples. Based on the CTDEP guidance document on the management and disposal of lead-contaminated materials (Nov. 1994), Abacus Environmental concluded that it will be necessary to characterize lead waste prior to building demolition. The report recommended that TCLP sampling be completed prior to demolition in order to determine whether the debris waste will be above the EPA hazardous waste levels for TCLP lead for disposal purposes.

5.0 INFORMATION FROM SITE RECONNAISSANCE AND INTERVIEWS

M&E performed a site reconnaissance on January 20, 2004. Formal interviews with former site employees were not conducted by M&E for the purpose of the Phase I ESA. However, M&E has had conversations with town representatives in charge of the redevelopment plan for downtown Meriden, as well as members of the Meriden Historical Society. Other information was obtained from the Meriden Public Library.

Research at the Meriden Public Library and the Meriden Historical Society indicated the types of manufacturing process that took place at the former utensil manufacturing buildings at the site. Holloware and flatware were made at the site, using nickel, silver, copper, and zinc as the base metals. Rolls and presses were used to form and shape the flatware. Electro-plating, pickling, trimming, casting, burnishing, and soldering processes were also conducted at the site. Information obtained from the Meriden Historical Society indicated that wastewater from former silver manufacturing operations was likely discharged into Harbor Brook, as that was common practice at the time.

5.1 Hazardous Substances in Connection with Identified Uses

Based on the findings in this investigation, hazardous substances associated with several former site activities may be present at the site. The approximate locations of identified historic site activities are shown on Figure 3.

Canberra Industries manufactured instrumentation at the site for ten years. They were listed with the Connecticut Hazardous Waste Handlers file as a large quantity generator from 1984 through 1994. Potential hazardous substances associated with the former site activities include VOCs, TPH, heavy metals, and radioactive materials. Asbestos-containing materials and lead-based

paint are present in the building formerly occupied by Canberra that is slated for demolition. PCBs may also be present in the building materials (for example, paints or electrical equipment).

Meriden Britannia Company and then Insilco manufactured utensils on the site for over 100 years. Manufacturing processes included casting annealing, trimming, pickling, burnishing, soldering, plating, electroplating, etching, engraving, and glass cutting. Most likely, solvents were used for cleaning and degreasing, acids and alkaline solutions were used for pickling and plating, and cutting and lubricating oils were used in the manufacturing operations. Water may have been used to cool the casting molds, and wastewater containing heavy metals may have been discharged on site or into Harbor Brook. Potential hazardous substances associated with the former manufacturing activities include TPH, VOCs, SVOCs, heavy metals, PCBs. Lead and asbestos from the demolition of former on-site structures may also be present.

Other former site occupants whose activities may have impacted the site included at least two former gasoline filling stations, an auto service station, a welding shop, a machine shop, a dry cleaners and a plumbing/pipe shop. Potential hazardous substances associated with these facilities include TPH, VOCs, SVOCs and heavy metals.

6.0 FINDINGS AND CONCLUSIONS

M&E has performed a Phase I *Environmental Site Assessment* of the Meriden HUB located at 1 & 77 State Street and 30 & 50 East Main Street in Meriden, Connecticut, in conformance with ASTM Practice E 1527-97. Any exceptions to, or deviations from, this practice are described in Section 8.0 of this report, and limitations are provided in Appendix D. M&E's Phase I assessment and additional studies outlined therein have revealed the following evidence of *recognized environmental conditions* in connection with the property.

Volatile Organic Compounds. Volatile organic compounds are contaminants of concern at the site due to past site activities. Previous limited site investigations (Milone & MacBroom, Inc., 1997, and Nobis Engineering, Inc., 2001) documented the presence of VOCs in the soil and groundwater at the site.

Petroleum Hydrocarbons. Petroleum hydrocarbons are contaminants of concern at the site due to past site activities. Previous limited site investigations (Milone & MacBroom, Inc., 1997, and Nobis Engineering, Inc., 2001) documented the presence of TPH in the soil and groundwater at the site.

Metals. Metals, including copper and lead, are contaminants of concern at the site due to past site activities. Previous limited site investigations (Milone & MacBroom, Inc., 1997, and Nobis Engineering, Inc., 2001) documented the presence of metals in the soil and groundwater at the site.

Asbestos-Containing Materials. Asbestos-containing materials are contaminants of concern at

the site due to building construction materials. An asbestos survey (Abacus Environmental, 2003) documented the presence of asbestos-containing materials in the large building located at the site. Therefore, abatement will be needed prior to building demolition to prevent the release of ACM into the environment. Asbestos may be present in the soil due to past demolition activities at the site.

Lead-Based Paint. Lead-based paint is a contaminant of concern at the site due to building construction materials. A lead-based paint survey (Abacus Environmental, 2003) documented the presence of lead in the paint in the large building located at the site. Lead may be present in the soil due to past demolition activities at the site.

Review of Nearby Sites. Based on the review of nearby sites provided by the EDR Radius Map (Appendix B), an underground storage tank leaked approximately 10 gallons #2 heating oil at a business located across Pratt Street to the south of the site. There is a minor potential that this spill may have negatively impacted the site.

File Review. Historical use records indicated that industries which are associated with VOCs, petroleum hydrocarbons and heavy metals occupied the site for many years. These industries included silver manufacturing, auto filling station and service shops, a dry cleaner, welding shops, a photo shop, plumbing shops, and instrumentation manufacturing.

7.0 OPINION

It is M&E's opinion that *recognized environmental conditions* as outlined in ASTM E 1527 currently exist (as documented by existing data) or have a reasonable potential to exist as indicated by the history and heavy industrial use of the site. The extent of the *recognized environmental conditions,* and therefore the impact of these conditions on the site, is not well-defined; for that reason, additional studies are recommended. The environmental issues identified by this Phase I are due to past activities related to the former heavy industrial and commercial uses of the site.

8.0 DEVIATIONS

Deviations from the ASTM Standard Practice for Phase I ESAs (E1527-97) are noted in previous sections and are primarily related to user-provided information generally discussed in Section 5 of the ASTM report format as outlined in Appendix X2 of that standard. A search of title records was not performed by M&E, nor was a valuation reduction for environmental issues developed. Historical use information for adjoining properties was limited to M&E's review of EDR database search report (January 2003), Sanborn Fire Insurance maps, and historical aerial photos of the site vicinity.

9.0 ADDITIONAL SERVICES

Additional services will be performed at the subject site, pursuant to the EPA non-Superfund Targeted Brownfields Assessment work assignment, EPA Work Assignment No. 155-SIBZ-0100. The Phase I ESA was intended as the first step in the services to be performed, and its primary purpose (as described in Section 2.1) was to compile site information relevant to the design of a site investigation to assess the potential presence of contamination at the subject site. The additional services performed will be described in the Field Task Work Plan to be prepared for the subject site.

10.0 REFERENCES

Metcalf & Eddy (M&E). 1995. *Phase I Environmental Site Assessment, The HUB Property, Meriden, Connecticut.* Prepared for Canberra Industries, Inc. February 1995.

Metcalf & Eddy (M&E). 2003. *Proposal for Phase II Environmental Site Assessment, The HUB Property, Meriden, Connecticut.* Prepared for the City of Meriden, January 2003.

Milone & MacBroom, Inc., *Final Report Harbor Brook Flood Control and Restoration Project,* April 2000.

Nobis Engineering, Inc., *Final Preliminary Environmental Site Investigation, HUB Mall and Factory H, Meriden, Connecticut, November 2001.* Prepared for U.S. Army Corps of Engineers, November 2001.

Abacus Environmental, Inc., *Asbestos and Lead Building Surveys, 77 State Street, Meriden, Connecticut, November 2003.* Prepared for Fuss & O'Neill, Inc., December 2003.

11.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

The Phase I ESA was prepared under the supervision of Ms. Barbara A. Weir, EPA Work Assignment Manager for Targeted Brownfields Assessments, EPA Work Assignment No. 155-SIBZ-0100. The Phase I ESA is subject to the limitations and exceptions identified in Section 2.4.

Signed this day of March 23, 2004

Barbara A. Weir

Barbara A. Weir, Work Assignment Manager

12.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Please see the resume presented in Appendix E for the qualifications of the project manager in charge of the Phase I ESA for the subject Targeted Brownfields Assessment site.

APPENDIX A

FIGURES

Request for Bids
Meriden HUB Property
Demolition and Flood Control Infrastructure Project
Project Description

1. **Introduction**

The Connecticut Department of Environmental Protection (CTDEP) is soliciting bids to complete a Phase II Environmental Site Assessment at the location of the former Meriden Mall (aka the "HUB") in Meriden, Connecticut.

2. **Site Description**

This narrative will provide background and information on the Meriden Mall building and the 15-acre site on which the building is located.

- **Location of site**

The Meriden HUB parcel encompasses approximately fifteen acres and comprises an entire city block in Meriden's downtown. It is bounded to the northwest by State Street, to the northeast by Mill Street, to the southeast by Pratt Street and to the southwest by East Main Street. The site is one parcel. This parcel is a part of a larger planned redevelopment area that is specified in the City Center Initiative Plan. The long range City Center Initiative Redevelopment Plan will address the feasibility of assembling additional parcels to the north of this site. A retail development, parking garage and transportation center are envisioned for the 43 acres north of the HUB parcel. In addition, the CCI Plan includes the realignment/ reconstruction of streets to allow for improved access to and from Interstate 691 and improved gateway enhancements. CT DECD has recently funded further CCI planning and engineering analyses as well as a market study to assess the feasibility and costs associated with the City Center Initiative Plan.

- **Current and previous land use**

The HUB parcel includes a vacant shopping mall (Meriden Mall). A portion of the former mall building has been divided into several small retail storefronts (77 State Street) and the remainder of this building was previously renovated and utilized by Canberra Industries Inc. (1 State Street). The company moved out due to flooding problems and these flooding issues have made the site and building unmarketable. Another building on the parcel (30 East Main Street) is occupied by HUB United Bank and is secured by a long-term lease. Historical site uses on this 15-acre parcel include residential homes, drug stores, bakery, grocery store, cobbler, livery, the Meriden Britannia Company, Roger Smith and Company Factory, JD Bergen Company Glass Factory, the International Silver Company, auto sales and service facility, filling station. Former uses were primarily commercial and industrial. The entire parcel is zoned C-1. It allows retail, business and professional offices, entertainment and cultural establishments and limited light industrial.

- **Buildings on site.**

Building	Age	Approximate Square Footage
1 and 77 State Street- Retail Mall/ Manufacturing bldg	33 years	retail-71,000 manufacturing-127,000
50 East Main Street- bank bldg	33 years	5000 approx.

- **Characteristics of the surrounding neighborhood**

The HUB property is in the center of downtown Meriden. It surrounded by mixed-use commercial buildings as well as light industrial buildings to the north. It has excellent access to Interstate 691. The site has severe flooding problems, which make the existing mall building unmarketable. Harbor Brook runs into and under the site from the northeast to southwest. Clark Brook runs onto and under the site from north to south and joins Harbor Brook under the site. The redevelopment plan for the site includes the demolition of all structures, an opening up and rerouting of Harbor Brook and Clark Brook to allow for improved flood control in the downtown. The plan also includes the creation of a town green and retention pond on site as well as the development of several office/commercial buildings.

The Meriden Economic Resources Group, Inc. (MERG) currently owns the entire property. MERG is a non-profit economic development corporation. The City of Meriden intends to take title to the property within the next 3 months. Neither MERG nor the City is a responsible party.

- **Site Redevelopment and Marketability** **[[[Suggest removing this para as unrelated to bid]]]**

BL Companies has completed an initial redevelopment concept plan for this 15-acre site and the 43 acres adjacent to and north of the site. DECD has received copies of this plan. The State has granted MERG $250,000 to conduct a market study and begin a municipal development plan for this larger redevelopment area. The initial CCI Plan states that this area/site can and should be redeveloped to take advantage of the site's excellent access to I691. Economically repositioning these properties will economically and physically revitalize the entire city center. In addition, this redevelopment will address serious flooding problems plaguing the downtown. The DECD-funded marketing study will further define and quantify the market and redevelopment options for the larger CCI redevelopment plan.

3. **Objectives**

- **Additional Phase II Work**

The City has completed a Phase II targeted site assessment program. This Phase II indicates that additional Phase II testing needs to be done in order to address known data gaps.

- **Remedial Action Plan**

Provide an estimate of the cost to prepare a Remedial Action Plan for the site at a future date.

4. **Scope of Services**

The following are excerpted from Section 9.2 of the Targeted Brownfields Assessment Report. See Item 11 below to review this report.

- Evaluate the presence of suspected contaminants in the soil and groundwater at AOC 3, AOC 6, AOC 7 and AOC 11. The location and description of each AOC is provided in the Targeted Brownfields Assessment Report that can be reviewed at the CTDEP (see Item 11 below). Although the Phase II report recommends sampling these AOCs after demolition of the existing building, assume for purposes of this bid that the building will remain standing during the investigation and, depending on the location, any soil sampling may be preceded by coring through the building slab.

- Evaluate the presence of suspected VOCs in the soil and groundwater at AOC 9, AOC 10 and AOC 5.

- Evaluate the presence of suspected contaminants in general site soils using random sampling and focused sampling in the area of monitoring well MW-101.

- Sample all on-site groundwater monitoring wells for VOCs, ETPH, cyanide and lead.

- Prepare a site-specific sampling and analysis work plan designed to confirm the presence and levels of contamination at the above AOCs.

- Make any revisions to the local geology, hydrogeology and migration pathways of surface and subsurface contamination based on the findings of the above investigations.

- Final assessment report on field sampling activities and analytical results with conclusions on releases of hazardous substances and risks to human health and the environment.

- A description of the required laboratory analysis of samples to identify contaminant(s) including but not limited to petroleum hydrocarbons, volatile organic compounds, inorganic contaminants, lead, asbestos, PCBs, etc.

- Obtain estimates from Connecticut-certified laboratories that are listed on the latest DAS Analytical Laboratory Services contract, for analysis of environmental samples. Recommend the firm that best meets the needs of the job based on cost and contractor availability. CTDEP will contract with the chosen laboratory service directly.

- Obtain estimates from boring contractors that are listed on the latest DAS Soil Borings contract for sampling needed to support the above assessment. Recommend the firm that best meets the needs of the job based on cost and contractor availability. CTDEP will contract with the chosen laboratory service directly.

- Process all laboratory and boring contractor invoices and recommend to the CTDEP whether the payment should be made or denied.

- All activities conducted at the site must be in compliance with OSHA regulation 29 CFR 1910.120.

5. **Deliverables:**

All deliverables should be submitted to David Ringquist of CTDEP in both electronic and hard copy formats. The proposal should provide a description or outline of work plan and reports that are part of the deliverables for the project. As a minimum, the following project deliverables are required:

- Work Plan for Final Negotiated Scope of Services- This document may be a revision of the original proposal, as negotiated with CTDEP.

- A Quality Assurance Project Plan ("QAPP"), prepared in accordance with the document titled: Quality Assurance Guidance for Conducting Brownfields Site Assessments, US Environmental Protection Agency OSWER Directive No. 9230.0-83P, must be included to ensure that the data is of sufficient quality to make decisions regarding the investigation and remediation of the site.

- Monthly Progress Reports and Invoice Submittals- Progress reports should contain short summaries of progress for all phases of work, data, findings and recommendation formulation. Also, information that relates to decisions for subsequent assessment work will be reported in a timely manner.

- Final Phase II Environmental Assessment Report. This report will summarize assessment procedures and results, including definition of the lateral and vertical extent of contamination and recommendations for cleanup or other measures with cost estimates. It will also include a brief summary of quality assurance/quality control performance, and an appendix containing boring logs, field data, laboratory analytical data, sample chain-of-custody records, photography logs, documentation of proper management of investigation-derived wastes and abandonment records for boring and monitoring wells.

6. **Schedule:**

The final Phase II report must be submitted to CTDEP by no later than September 30, 2005. The proposal should include an anticipated schedule, project milestones and time line for all activities. Submit time estimates for the following: Final negotiated work plan preparation; surveys, field sampling and analytical testing; Report writing and project management activities;

7. **Project Contact:**

David Ringquist, Remediation Division, Waste Management Bureau, Connecticut Department of Environmental Protection, 79 Elm Street, Hartford, CT 06106. Phone is 860 424-3573.

8. **Directions for Submitting Proposals:**

Firms responding to this Request for Bid should submit one copy of their proposal to Mr. Ringquist (see Project Contact). Proposals must arrive no later than 3:00 pm on May 24, 2005. Questions about the project should be directed to Mr. Ringquist.

9. **Site Visit:**

There will be a site visit on April 21, 2005 at 10 am for all who are interested in responding to this RFP.

10. **Directions to Site:**

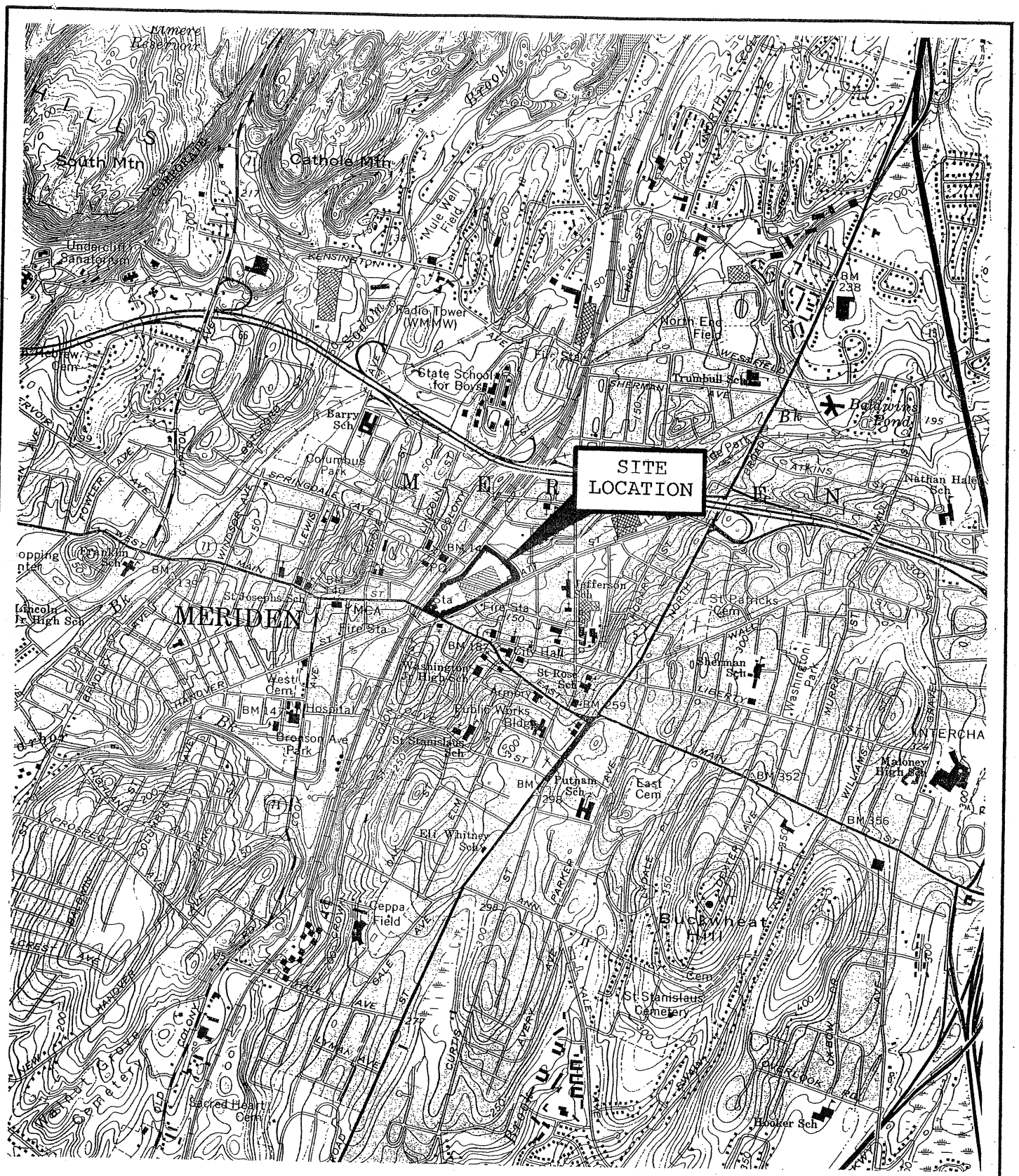
From Hartford: Rt. 84W to Rt. 691 East to the Columbia St. exit, right onto Colony St., left onto Brooks St., site is at the end of Brooks.

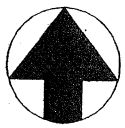
11. **Available Information**

The following two reports summarize the site investigation work conducted to date and are available for review in the CTDEP file room by contacting Terry Parker at 860-424-3936.

Targeted Brouwnfields Assessment Report, Meriden HUB Site, 1 & 77 State Street and 30 & 50 East Main Street, Meriden, Connecticut, prepared by Metcalf & Eddy and dated December 2004.

Phase I Environmental Site Assessment, Meriden HUB, Meriden, Connecticut, Non-Superfund Targeted Brownfields Assessments, prepared by Metcalf & Eddy and dated March 2004.





Metcalf & Eddy

FIGURE 1
SITE LOCATION PLAN
HUB PROPERTY
MERIDEN, CT

DATE: JAN.2003 | FILE: 036921182/2819.00045/CAD/CZMER001

STDA - 08-04-03

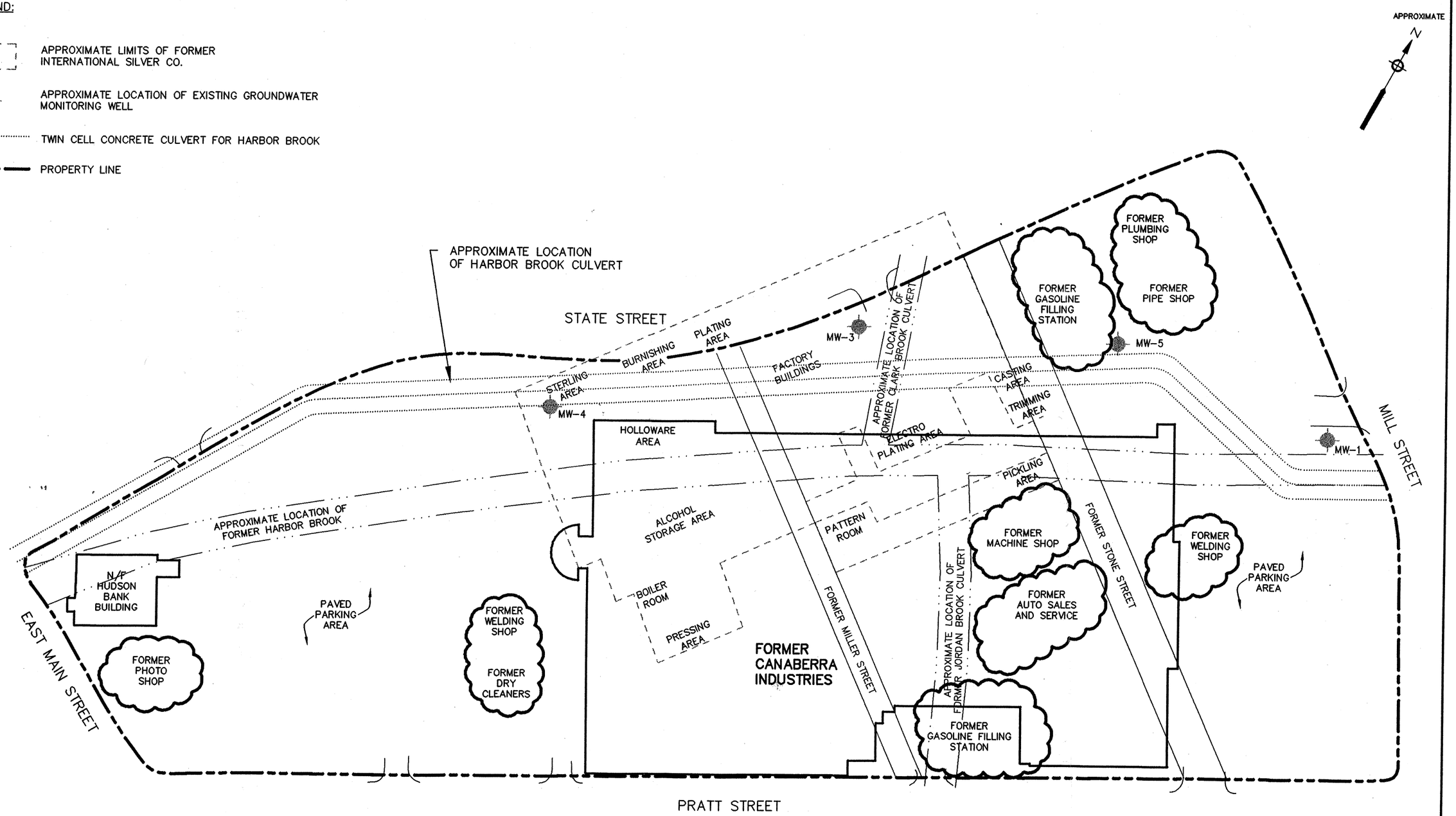
LEGEND:

APPROXIMATE LIMITS OF FORMER INTERNATIONAL SILVER CO.

APPROXIMATE LOCATION OF EXISTING GROUNDWATER MONITORING WELL

TWIN CELL CONCRETE CULVERT FOR HARBOR BROOK

PROPERTY LINE



APPROXIMATE GRAPHIC SCALE

100' 0 50' 100' 200'

(IN FEET)
1 inch = 100 ft.

M&E Metcalf & Eddy

FIGURE 3
SITE PLAN WITH HISTORIC SITE ACTIVITIES
HUB PROPERTY – MERIDEN, CT

DATE: MAR. 2004 | FILE: P\00100MER\C\CZMER003c

STDB - 08-04-03

LEGEND:

APPROXIMATE LOCATION OF EXISTING GROUNDWATER MONITORING WELL

TWIN CELL CONCRETE CULVERT FOR HARBOR BROOK

PROPERTY LINE

APPROXIMATE N

APPROXIMATE LOCATION OF HARBOR BROOK CULVERT

STATE STREET

MW-3

MW-5

APPROXIMATE LOCATION OF FORMER CLARK BROOK CULVERT

MW-4

MW-1

MILL STREET

VACANT STORES

APPROXIMATE LOCATION OF FORMER HARBOR BROOK

N/F HUDSON BANK BUILDING

PAVED PARKING AREA

EAST MAIN STREET

APPROXIMATE LOCATION OF FORMER JORDAN BROOK CULVERT

FORMER CANBERRA INDUSTRIES

PAVED PARKING AREA

PRATT STREET

NOTE:
ENTIRE SITE WITH EXCEPTION OF PARKING LOT "ISLANDS" IS PAVED.

APPROXIMATE GRAPHIC SCALE

100' 0 50' 100' 200'

(IN FEET)
1 inch = 100 ft.

Metcalf & Eddy

FIGURE 2
SITE PLAN
HUB PROPERTY – MERIDEN, CT

DATE:JAN.2004 FILE: P\00100MER\C\CZMER002

STDB - 08-04-93

APPENDIX B

ENVIRONMENTAL DATA RESOURCES, INC. REPORT WITH RADIUS MAP

The EDR Radius Map
with GeoCheck®

The Hub Property
1+77 State St/30+50 E. Main St
Meriden, CT 06450

Inquiry Number: 0907286.3r

January 10, 2003

Environmental Data Resources, Inc.

***The* Source For Environmental Risk Management Data**

3530 Post Road
Southport, Connecticut 06890

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FORM-DJV

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Map Findings	5
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EPA Waste Codes	EPA-1
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-6
Physical Setting Source Map Findings	A-7
Physical Setting Source Records Searched	A-11

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 meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

1+77 STATE ST/30+50 E. MAIN ST
MERIDEN, CT 06450

COORDINATES

Latitude (North):	41.539700 - 41˚ 32' 22.9"
Longitude (West):	72.799000 - 72˚ 47' 56.4"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	683599.9
UTM Y (Meters):	4600798.0

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	2441072-E7 MERIDEN, CT
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

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 ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
RCRIS-LQG..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

SWF/LF..... List of Landfills/Transfer Stations
SWRCY..... Recycling Facilities

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions

EXECUTIVE SUMMARY

FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
SSTS..... Section 7 Tracking Systems
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

CT Spills..... Oil & Chemical Spill Database
CT PROPERTY..... Property Transfer Filings

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree 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. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. 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 (by more than 10 feet). 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.

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

FEDERAL ASTM STANDARD

CERCLIS-NFRAP: As of February 1995. CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

A review of the CERC-NFRAP list, as provided by EDR, and dated 09/15/2002 has revealed that there is 1 CERC-NFRAP site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
QUINLAN RUSSELL	*5 CROSS STREET*	*1/8 - 1/4 NNW*	*B8*	*13*

EXECUTIVE SUMMARY

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/29/2002 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
QUINLAN RUSSELL	*5 CROSS STREET*	*1/8 - 1/4 NNW*	*B8*	*13*
UNITED OIL RECOVERY, INC.	*136 GRACEY AVENUE*	*1/2 - 1 NNE*	*67*	*110*

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-TSD list, as provided by EDR, and dated 09/09/2002 has revealed that there is 1 RCRIS-TSD site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
QUINLAN RUSSELL	*5 CROSS STREET*	*1/8 - 1/4 NNW*	*B8*	*13*

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/09/2002 has revealed that there are 7 RCRIS-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
KELSEY W A CO	*30 CROSS ST*	*1/8 - 1/4 NNE*	*7*	*13*
QUINLAN RUSSELL	*5 CROSS STREET*	*1/8 - 1/4 NNW*	*B8*	*13*
IDEAL CLNRS	*69 E MAIN ST*	*1/8 - 1/4 SSW*	*19*	*33*
DUNCAN CLEANERS	*115 MAIN ST*	*1/8 - 1/4 S*	*E25*	*38*
RECORD JOURNAL PUBLISHING CO	*11 CROWN ST*	*1/8 - 1/4 SW*	*G31*	*47*
C R C CHROME CORP	*169R PRATT ST*	*1/8 - 1/4 E*	*32*	*47*
RADIO FREQUENCY SYSTEMS	*1 STATE ST*	*1/8 - 1/4 SW*	*38*	*57*

STATE ASTM STANDARD

SHWS: The State Hazardous Waste Sites 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. The data come from the Department of Environmental Protection's Inventory of Hazardous Disposal Sites.

A review of the SHWS list, as provided by EDR, has revealed that there are 2 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
J.B. COGGINS	5 CROSS ST	1/8 - 1/4 NNW	D18	33
PHILLIPS PROPERTY	*HICKS / NO. COLONY RO*	*1/2 - 1 NNE*	*65*	*106*

EXECUTIVE SUMMARY

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 05/23/2002 has revealed that there are 9 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	***71 PRATT ST***	***0 - 1/8 SSE***	***A3***	***8***
Not reported	***155 COLONY STREET***	***1/8 - 1/4 NNW***	***D16***	***26***
OFFICE COMPLEX	95 EAST MAIN ST.	1/8 - 1/4 S	21	35
CT. NATIONAL BANK	1 WEST MAIN ST.	1/8 - 1/4 WSW	F27	39
MERIDEN SENIOR CENTER	22 WEST MAIN ST.	1/4 - 1/2 WSW	48	69
Not reported	***99 CENTER ST.***	***1/4 - 1/2 ESE***	***49***	***70***
PETROL PLUS	271 EAST MAIN STREET	1/4 - 1/2 SSE	56	98
Not reported	***76 BUTLER STREET, HANOV***	***1/4 - 1/2 SW***	***57***	***99***

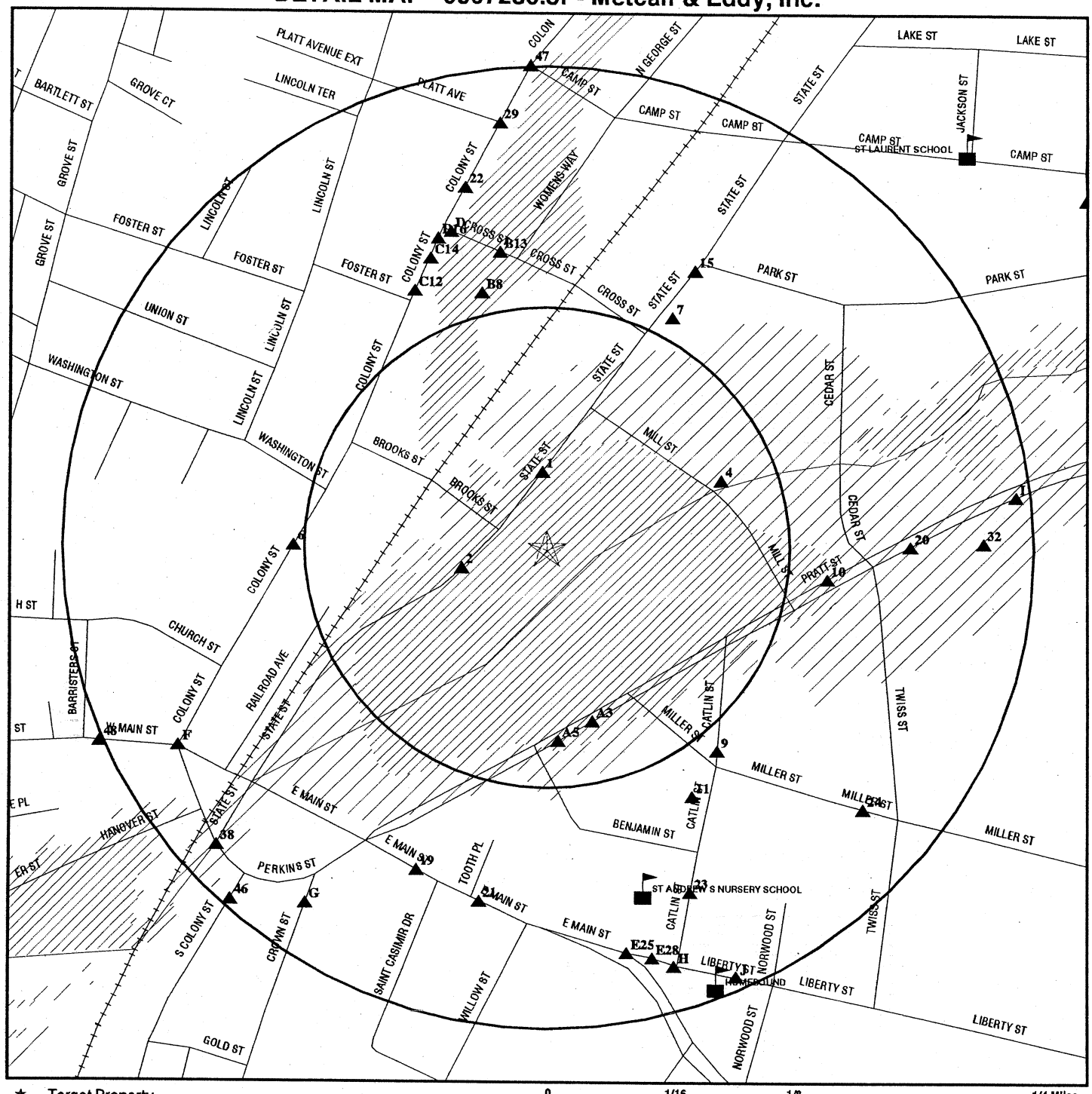
Lower Elevation	Address	Dist / Dir	Map ID	Page
Not reported	***LEWIS / SPRINGDALE AV***	***1/4 - 1/2 WNW***	***58***	***102***

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 08/27/2002 has revealed that there are 30 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SILVERSMITH SQUARE	134 STATE ST	0 - 1/8 N	1	5
L. SUZIO CONSTRUCTION CO. INC.	99 STATE ST.	0 - 1/8 WSW	2	7
M.F.D. FIRE HGS. ENGINE CO. #2	61 PRATT ST.	0 - 1/8 S	A5	11
FIRST CONGREGATIONAL CHURCH	62 COLONY STREET	1/8 - 1/4 W	6	12
KENNEDY BUILDING	71 CATLIN ST.	1/8 - 1/4 SE	9	16
MILLS MEMORIAL APARTMENTS	144 PRATT ST.	1/8 - 1/4 E	10	17
G.T. TIRE & SERVICE CENTER	145-155 COLONY STREET	1/8 - 1/4 NNW	C12	19
W.A. KELSEY COMPANY	30 CROSS STREET	1/8 - 1/4 N	B13	20
RAY'S AMOCO SERVICE	152 COLONY RD.	1/8 - 1/4 NNW	C14	21
G.R. CUMMINGS COMPANY	198 STATE STREET	1/8 - 1/4 NNE	15	25
CURTIS CORPORATION	169 PRATT STREET	1/8 - 1/4 E	20	34
YOUNG WOMENS CHRISTIAN ASSOCIA	169 COLONY ST.	1/8 - 1/4 NNW	22	36
SAINT ANDREWS EPISCOPAL CHURCH	20 CATLIN ST.	1/8 - 1/4 SSE	23	36
MERIDEN PUBLIC LIBRARY	105 MILLER ST.	1/8 - 1/4 SE	24	37
JEFFERSON FEDERAL SAVINGS	1 WEST MAIN ST.	1/8 - 1/4 WSW	F26	38
MERIDEN CITY HALL	142 EAST MAIN ST.	1/8 - 1/4 SSE	E28	40
J&M AUTOMOTIVE L.L.C.	186 COLONY ST.	1/8 - 1/4 N	29	41
CURTIS MEMORIAL LIBRARY	EAST MAIN ST.	1/8 - 1/4 SSE	H33	50
CEDARWOOD VALLEY PUMP STATION	CEDARWOOD DR.	1/8 - 1/4 SSE	H34	50
MERIDEN WATER POLLUTION CONTRO	***EVANSVILLE RD.***	***1/8 - 1/4 SSE***	***H35***	***51***
LANDFILL	EVANSVILLE AVE.	1/8 - 1/4 SSE	H36	56
JEFFERSON MIDDLE SCHOOL	190 CENTER ST	1/8 - 1/4 SSE	H37	57
K&D MACHINE SERVICES	197 PRATT ST.	1/8 - 1/4 E	I39	58
K&D MACHINE SERVICES	197 PRATT ST.	1/8 - 1/4 E	I40	60
NATHAN HALE SCHOOL	ATKINS STREET	1/8 - 1/4 SSE	J41	62
ISRAEL PUTNAM SCHOOL	PARKER AVENUE	1/8 - 1/4 SSE	J42	63
ROGER SHERMAN SCHOOL	NORTH PEARL STREET	1/8 - 1/4 SSE	J43	64

DETAIL MAP - 0907286.3r - Metcalf & Eddy, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- Coal Gasification Sites
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

TARGET PROPERTY:	The Hub Property	CUSTOMER:	Metcalf & Eddy, Inc.
ADDRESS:	1+77 State St/30+50 E. Main St	CONTACT:	Chris Soroka
CITY/STATE/ZIP:	Meriden CT 06450	INQUIRY #:	0907286.3r
LAT/LONG:	41.5397 / 72.7990	DATE:	January 10, 2003 6:51 am

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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 ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	1	NR	NR	NR	1
CORRACTS		1.000	0	1	0	1	NR	2
RCRIS-TSD		0.500	0	1	0	NR	NR	1
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	7	NR	NR	NR	7
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
State Haz. Waste		1.000	0	1	0	1	NR	2
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	1	3	5	NR	NR	9
UST		0.250	3	27	NR	NR	NR	30
SWRCY		0.500	0	0	0	NR	NR	0
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
CT Spills		TP	NR	NR	NR	NR	NR	0
SDADB		0.500	0	3	6	NR	NR	9
LWDS		1.000	1	1	1	6	NR	9
CT Property		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	0	0	0	1	NR	1
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
1 North < 1/8 210 ft. Higher	**SILVERSMITH SQUARE 134 STATE ST MERIDEN, CT 06450**	**UST**	**U002030667 N/A**

UST:

Facility Id:	9060
Tank ID:	2.00000
Alt. Facility ID:	80-9060
Alt. Tank ID:	B2
Tank Status:	Permanently Out of Use
Capacity:	1000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	06/01/1987
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	A.W.O. INVESTMENT CO. 2 OWENS COMMERCE RD. Branford, CT 06405
Lat/Long:	0.00000° 40.00000′ 11.00000″ / 7.00000° 14.00000′ 51.00000″

Facility Id:	9060
Tank ID:	3.00000
Alt. Facility ID:	80-9060
Alt. Tank ID:	C3
Tank Status:	Permanently Out of Use
Capacity:	8000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1980
Date Last Used:	06/01/1987
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	A.W.O. INVESTMENT CO. 2 OWENS COMMERCE RD. Branford, CT 06405
Lat/Long:	0.00000° 40.00000′ 11.00000″ / 7.00000° 14.00000′ 51.00000″

SILVERSMITH SQUARE (Continued) **U002030667**

Facility Id:	9060
Tank ID:	4.00000
Alt. Facility ID:	80-9060
Alt. Tank ID:	D4
Tank Status:	Permanently Out of Use
Capacity:	8000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1980
Date Last Used:	06/01/1987
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	A.W.O. INVESTMENT CO. 2 OWENS COMMERCE RD. Branford, CT 06405
Lat/Long:	0.00000˚ 40.00000´ 11.00000˝ / 7.00000˚ 14.00000´ 51.00000˝

Facility Id:	9060
Tank ID:	5.00000
Alt. Facility ID:	80-9060
Alt. Tank ID:	E5
Tank Status:	Permanently Out of Use
Capacity:	3000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	06/01/1987
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	A.W.O. INVESTMENT CO. 2 OWENS COMMERCE RD. Branford, CT 06405
Lat/Long:	0.00000˚ 40.00000´ 11.00000˝ / 7.00000˚ 14.00000´ 51.00000˝

SILVERSMITH SQUARE (Continued) **U002030667**

Facility Id:	9060
Tank ID:	1.00000
Alt. Facility ID:	80-9060
Alt. Tank ID:	A1
Tank Status:	Permanently Out of Use
Capacity:	1000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	06/01/1987
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	A.W.O. INVESTMENT CO. 2 OWENS COMMERCE RD. Branford, CT 06405
Lat/Long:	0.00000˚ 40.00000´ 11.00000˝ / 7.00000˚ 14.00000´ 51.00000˝

---

2 WSW < 1/8 235 ft. Higher **L. SUZIO CONSTRUCTION CO. INC.** **UST** **U002027897**
99 STATE ST. **N/A**
MERIDEN, CT 06450

UST:

Facility Id:	3868
Tank ID:	2.00000
Alt. Facility ID:	80-3868
Alt. Tank ID:	BS1
Tank Status:	Temporarily Out of Use
Capacity:	1000.00000
Substance:	Gasoline
Closure Status:	Not reported
Date Installed:	01/01/1950
Date Last Used:	01/01/1950
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Unknown
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	L. CONSTRUCTION CO. INC. WESTFIELD Meriden, CT 06450
Lat/Long:	41.00000˚ 32.00000´ 26.00000˝ / 7.00000˚ 24.00000´ 0.00000˝

L. SUZIO CONSTRUCTION CO. INC. (Continued) **U002027897**

Facility Id:	3868
Tank ID:	1.00000
Alt. Facility ID:	80-3868
Alt. Tank ID:	B1
Tank Status:	Temporarily Out of Use
Capacity:	1000.00000
Substance:	Gasoline
Closure Status:	Not reported
Date Installed:	01/01/1950
Date Last Used:	01/01/1950
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Unknown
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	L. CONSTRUCTION CO. INC. WESTFIELD Meriden, CT 06450
Lat/Long:	41.00000° 32.00000´ 26.00000˝ / 7.00000° 24.00000´ 0.00000˝

A3
SSE
< 1/8
491 ft.
Higher

71 PRATT ST
MERIDEN, CT

LUST **S103157201**
CT Spills **N/A**

Site 1 of 2 in cluster A

LUST:

Computer Generated # :	4515
Enforcement Data Together :	4619
LUST ID :	4515
Spill Case # Without Dash :	9606435
Spill Case # With Dash :	9606435
Referral Made :	False
Spill Date :	12/09/1996
Emergency Stated by Program :	False
Heating Fuel :	True
Commercial HF Unk :	False
Commercial Hf > 2100 Gals :	False
Commercial Hf < 2100 Gals :	False
Motor Fuel :	False
Waste :	False
Site Id Number :	0
Owner Id Number :	0
Entry Date :	Not reported
Comments :	#2 HEATING OIL, , tank removed
Case Log Inspections	
Case Log ID:	Not reported
Inspection Date:	Not reported
Work Performed :	
Case Log	
Old ID:	Not reported
Spill Case #:	Not reported
UST ID # :	Not reported
Contact :	Not reported
Environmental Impact :	Not reported
Referred To LUST Program By:	Not reported
Date Referred :	Not reported

(Continued) **S103157201**

Work Performed : Not reported
Date LUST Prgrm On Site First Time Not reported
Subsequent Dates : Not reported
Status : Not reported
Release Information
UST Event ID: 4619
Substance: Heating Oil
Source: Residential Heating Oil
Comments : Not reported
Tank Information
UST Event ID: Not reported
Facility ID: Not reported
Tank ID: Not reported
Comments : Not reported

SPILL:

Case Number:	9606435	OCSRD Inspector:	Not reported
Year of Database:	1996	Town of Spill:	Not reported
Report Date:	12/9/96 0:00:00	Reported By:	scott brickey
Work Telephone:	Not reported	Home Telephone:	Not reported
Representing:	underground systems		
Telephone Pole#:	Not reported		
Incident Type:	Not reported		
Substance:	Not reported		
Qty (Gallon):	10	Qty (Yard):	0
Qty (Pound):	0	Qty (Drum):	0
Qty (Feet):	0	Concentration:	Not reported
CERCLA:	Not reported		
SARA 304 Rel:	Not reported	SARA Haz Sub:	Not reported
Cross Property:	Not reported	Protective Actions:	Not reported
Action Desc:	Not reported		
Qty Reported:	Not reported	Total (Pound):	Not reported
Spill Date:	12/9/96 0:00:00	Spill Time:	12/30/99 11:00:00
On Going:	Not reported	Continuous Spill:	Not reported
Release Status:	Terminated		
Misc Info:	Not reported		
Water Body:	na		
Other Media:	Not reported		
Release Area:	Not reported		
Total (Water):	0	Recovd (Water):	Not reported
Recovd (Total)::	0	Dun & Bradst#:	Not reported
Polluter:	Not reported		
Polluter Phone:	Not reported		

Financial Responsibility: Not reported
Unknown Responsibility: Not reported
Unknown Polluter: Not reported
Cleanup Contractor: Not reported
Contractor Name: Not reported
Did DEP Hire Contractor: Not reported
Date Contractor Hired: Not reported
When Contractor Requested: Not reported
When Contractor Arrived: Not reported
Who Took Spill: 917- EMANUELSON, BRIAN
Badge # of Who Recieved Spill: Not reported
Who Assigned Spill: Not reported
Badge # of Who Assigned Spill: Not reported
Date Assigned: Not reported
Spill Status: Not reported

(Continued) **S103157201**

Facility Status:	Closed		
Emergency Measure:	tank removed		
Cleanup Action:	Not reported		
UST Unit:	Not reported		
Agency Notified:	Not reported		
Other Agency:	Not reported	Notify Other:	Not reported
State Agency:	Not reported	Notify Date:	Not reported
Discharge Class:	Not reported		
Other Class:	Not reported		
Cause:	Not reported		
Other Cause:	Not reported		
Actions:	Not reported		
Other Actions:	Not reported		
Notify Status:	Not reported	Case 1136:	Not reported
Case #1:	Not reported	Case #2:	Not reported
Federal 311K:	Not reported	Cost Recovery:	Not reported
Property Owner:	Not reported		
Property Other:	Not reported		
Property Name:	Not reported		
Property Addr:	Not reported		
Polluter:	Not reported		
Owner:	Not reported		
Operator:	Not reported		
Vehicle:	Not reported		
Truck Reg:	Not reported	Trail Reg:	Not reported
Updated:	Not reported	Update Date:	Not reported
Assigned To:	0- NO RESPONSE		
Lat/Long:	Not reported		
Add Info:	Not reported		
Discharger:	joe giannetti	Telephone:	(860)235-2565
Responsible Party:	YES		
Released Substance:	#2 HEATING OIL		
RP Address:	CT		
Corrective Action:	Removed Tank		
Agency Notified:	Not reported		
Cause of Incident:	Inground Tank Failure		
Media:	SOIL		
Release Class:	Not reported		
Release Type:	Petroleum		
Waterbody:	NA		

4
ENE
< 1/8
509 ft.
Higher

J.B. COGGINS
INDUSTRIAL WASTEWTR
, CT

LWDS **W991101627**
N/A

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
THOMAS HOOKER SCHOOL	OVERLOOK ROAD	1/8 - 1/4 SSE	J44	65
ADMINISTRATION BUILDING	22 LIBERTY ST.	1/8 - 1/4 SSE	J45	66
MERIDEN REDEVELOPMENT	13 SOUTH COLONY STREET	1/8 - 1/4 SW	46	67

STATE OR LOCAL ASTM SUPPLEMENTAL

A review of the SDADB list, as provided by EDR, and dated 11/21/2001 has revealed that there are 9 SDADB sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
J. B. COGGINS CO.	5 CROSS STREET	1/8 - 1/4 NNW	D17	31
THE MERIDEN RECORD CO.	11 CROWN STREET	1/8 - 1/4 SW	G30	45
MERIDEN WATER POLLUTION CONTRO	***EVANSVILLE RD.***	***1/8 - 1/4 SSE***	***H35***	***51***
GETTY PETROLEUM	***213 COLONY STREET***	***1/4 - 1/2 N***	***47***	***67***
KINGS CLEANERS & LAUNDRY CENTE	326 CENTER STREET	1/4 - 1/2 ENE	50	73
COLONIAL CUSTOM CLEANERS	***9 BUTLER ST***	***1/4 - 1/2 WSW***	***51***	***75***
SNET	***25 BUTLER STREET***	***1/4 - 1/2 WSW***	***53***	***80***
GUEST COMPANY INC.	***49 ELM STREET***	***1/4 - 1/2 SSE***	***54***	***82***
PRATT ASSOCIATES	***290 PRATT STREET***	***1/4 - 1/2 ENE***	***55***	***84***

CT 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, has revealed that there are 9 LWDS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
J.B. COGGINS	INDUSTRIAL WASTEWTR	0 - 1/8 ENE	4	10
J.B. COGGINS	INDUSTRIAL PIT	1/8 - 1/4 SSE	11	19
MILLER CO.	COOLING/IND DISCHRG	1/4 - 1/2 ENE	52	79
MERIDEN	SALT STORAGE -COVERD	1/2 - 1 SSE	59	104
MRM INDUSTRIES	INDUSTRIAL WASTEWTR	1/2 - 1 WNW	60	105
MRM INDUSTRIES	COOLING WTR -SURFACE	1/2 - 1 NNE	64	106
BISHOPS AUTO PARTS INC.	AUTO JUNKYARD	1/2 - 1 NE	66	109

Lower Elevation	Address	Dist / Dir	Map ID	Page
INTERNATIONAL SILVER	MISCELLANEOUS -SURF	1/2 - 1 WSW	61	105
PENBECK OIL CO.	OIL/CHEMICAL SPILLS	1/2 - 1 W	63	105

PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites:

The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

A review of the Coal Gas list, as provided by EDR, has revealed that there is 1 Coal Gas site within approximately 1 mile of the target property.

EXECUTIVE SUMMARY

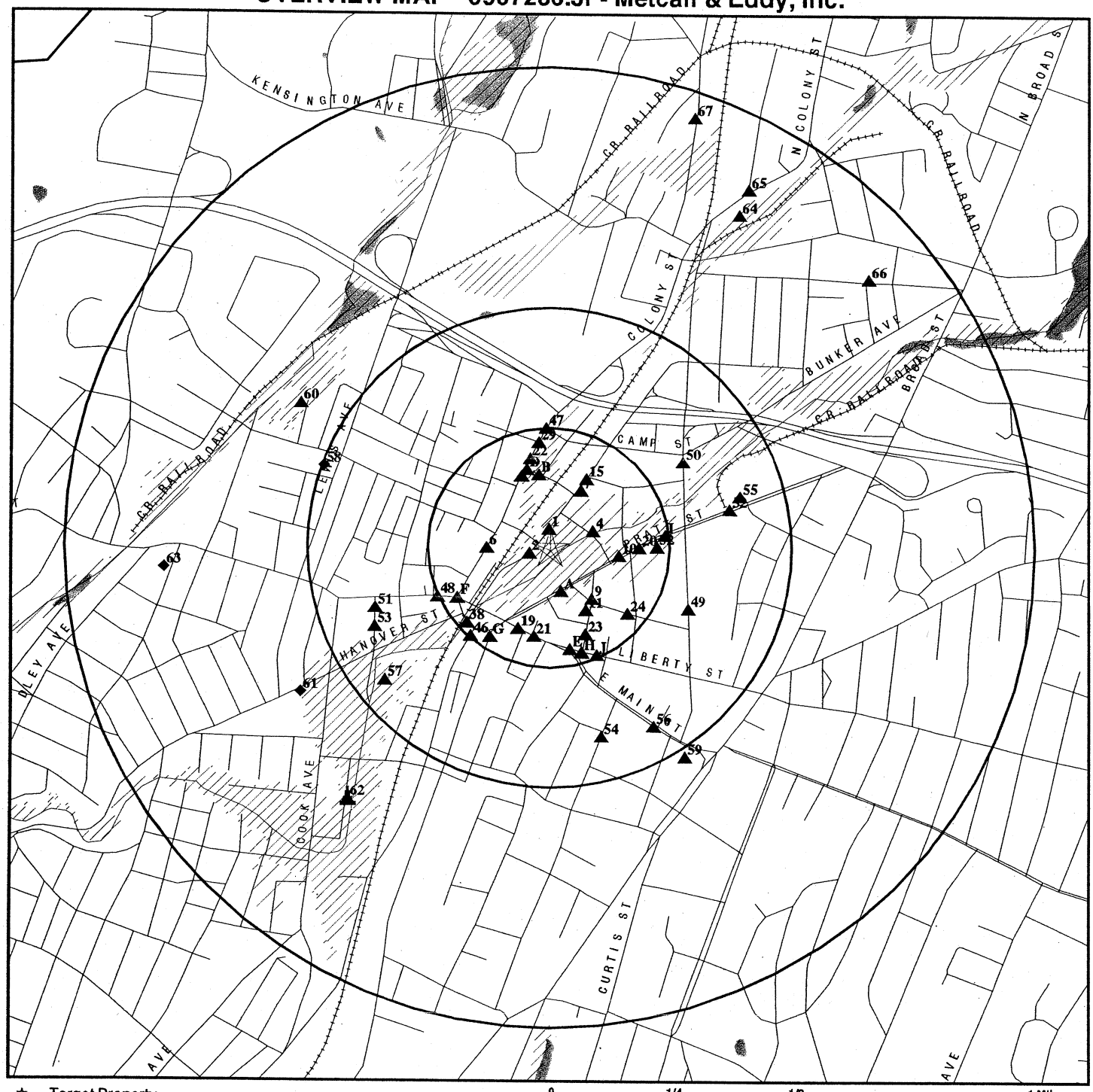
Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MERIDEN GAS LIGHT CO.	56 COOPER	1/2 - 1 SW	62	105

EXECUTIVE SUMMARY

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

Site Name	Database(s)
EYELET SPECIALTIES	LUST
CABIN RESTAURANT / ANTHONY PAGUNI	LUST
444 NORTH COLONY STREET	LUST, CT Spills
VETERNS MEMORIAL MEDICAL CENTER	LUST
PRATT ASSOCIATES	LUST
CITY OF MERIDEN, BOB MERCALDI	LUST
23 ST.CASIMER ST SALVATION ARMY	LUST, CT Spills
MERIDEN MAINT. GARAGE (BLDG 81-126)	UST
PARK DEPT.	UST
MERIDEN MAINT. GARAGE	UST
SILVER LAKE PUMP STATION	UST
MERIDEN FOUNDRY CO THE	RCRIS-SQG, FINDS
JADE DIE CO INC	RCRIS-SQG, FINDS
HUBBARD PARK	RCRIS-SQG, FINDS
JIFFY LUBE	RCRIS-SQG, FINDS
FAIRWAY ENVIRONMENTAL LLC	RCRIS-SQG, FINDS
DUMP #9	SDADB
DUMP #11	SDADB
DUMP #1	SDADB
HANOVER POND	SDADB
DUMP #6	SDADB
DUMP #7	SDADB
AMOCO	SDADB
DUMP #2	SDADB

OVERVIEW MAP - 0907286.3r - Metcalf & Eddy, Inc.



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

♟ Coal Gasification Sites

National Priority List Sites

Landfill Sites

0 1/4 1/2 1 Miles

County Boundary

Power transmission lines

Oil & Gas pipelines

100-year flood zone

500-year flood zone

Wetlands

TARGET PROPERTY:	The Hub Property	CUSTOMER:	Metcalf & Eddy, Inc.
ADDRESS:	1+77 State St/30+50 E. Main St	CONTACT:	Chris Soroka
CITY/STATE/ZIP:	Meriden CT 06450	INQUIRY #:	0907286.3r
LAT/LONG:	41.5397 / 72.7990	DATE:	January 10, 2003 6:49 am

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J.B. COGGINS (Continued) **W991101627**

LWDS:

ArcView Legend Symbology:	INDUST WTR
Leachate and Wastewater Name:	INDUSTRIAL WASTEWTR
Leachate and Wastewater Number:	5206009
Status of the Discharge Activity:	ACTIVE
Leachate and Waste Flow:	SURFACE
Feature Number on Hazardous Waste List:	0
Subregional Basin Feature Number:	5206
Name:	J.B. Coggins
Alias:	Not reported
Description:	treated industrial discharge
Lat/Long:	41.54022 / -72.79727
State Plane x/y:	987058 / 757566
Mercator x/y:	-21259166.92712 / 13284784.04742

A5 South < 1/8 531 ft. Higher

M.F.D. FIRE HGS. ENGINE CO. #2
61 PRATT ST.
MERIDEN, CT 06450

UST U002175277
N/A

Site 2 of 2 in cluster A

UST:

Facility Id:	7093
Tank ID:	1.00000
Alt. Facility ID:	80-7093
Alt. Tank ID:	A1
Tank Status:	Permanently Out of Use
Capacity:	4000.00000
Substance:	Heating Oil
Closure Status:	Removed
Date Installed:	12/01/1955
Date Last Used:	08/01/1988
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERDIEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 17.00000″ / 72.00000° 47.00000′ 57.00000″

M.F.D. FIRE HGS. ENGINE CO. #2 (Continued) **U002175277**

Facility Id:	7093
Tank ID:	2.00000
Alt. Facility ID:	80-7093
Alt. Tank ID:	A1R1
Tank Status:	Currently In Use
Capacity:	4000.00000
Substance:	Heating Oil
Closure Status:	Not reported
Date Installed:	08/01/1988
Date Last Used:	/ /
Tank Material:	Fiberglass Reinforced Plastic
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERDIEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 17.00000″ / 72.00000° 47.00000′ 57.00000″

Facility Id:	7093
Tank ID:	3.00000
Alt. Facility ID:	80-7093
Alt. Tank ID:	A1E1
Tank Status:	Currently In Use
Capacity:	4000.00000
Substance:	Heating Oil
Closure Status:	Not reported
Date Installed:	06/01/1999
Date Last Used:	/ /
Tank Material:	Fiberglass Reinforced Plastic
2ndary Material:	None
Pipe Material:	Not Listed
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	True
Owner:	CITY OF MERDIEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 17.00000″ / 72.00000° 47.00000′ 57.00000″

---

6 West 1/8-1/4 690 ft. Higher

FIRST CONGREGATIONAL CHURCH
62 COLONY STREET
MERIDEN, CT 06450

UST **U002175322**
N/A

FIRST CONGREGATIONAL CHURCH (Continued) **U002175322**

UST:

Facility Id:	7181
Tank ID:	1.00000
Alt. Facility ID:	80-7181
Alt. Tank ID:	A1
Tank Status:	Permanently Out of Use
Capacity:	5000.00000
Substance:	Heating Oil
Closure Status:	Removed
Date Installed:	06/01/1958
Date Last Used:	12/01/1989
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	FIRST CONGREGATIONAL CHURCH 62 COLONY ST. Meriden, CT 06450
Lat/Long:	41.00000˚ 32.00000´ 23.00000˝ / 7.00000˚ 24.00000´ 0.00000˝

---

7 NNE 1/8-1/4 720 ft. Higher

KELSEY W A CO
30 CROSS ST
MERIDEN, CT 06450

RCRIS-SQG **1000380775**
FINDS **CTD001145598**

RCRIS:

Owner:	Not reported
EPA ID:	CTD001145598
Classification:	Small Quantity Generator
Used Oil Recyc:	No
TSDF Activities:	Not reported
Violation Status:	No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

B8 NNW 1/8-1/4 722 ft. Higher

QUINLAN RUSSELL
5 CROSS STREET
MERIDEN, CT 06450

Site 1 of 2 in cluster B

RCRIS-SQG **1000235508**
FINDS **CTD000842906**
RCRIS-TSD
RAATS
CORRACTS
CERC-NFRAP

CERCLIS-NFRAP Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Non NPL Code:	DR		
Ownership Status:	Private	NPL Status:	Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment:	DISCOVERY	Completed:	01/17/1990
Assessment:	PRELIMINARY ASSESSMENT	Completed:	06/21/1990

QUINLAN RUSSELL (Continued) **1000235508**

Assessment: ARCHIVE SITE Completed: 01/25/1996

CERCLIS-NFRAP Alias Name(s):
COGGINS, J.C.
COGGINS, J.C.

CORRACTS Data:

EPA Id:	CTD000842906
Region:	1
State:	CT
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	Not reported
New Scheduled Date:	Not reported
Actual Date:	9/10/1993
Corrective Action:	CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority

RCRIS Corrective Action Summary:
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event Date: 09/10/1993

RCRIS:
Owner: RUSSELL QUINLAN
(203) 235-7927
EPA ID: CTD000842906
Contact: STUART GRANDY
(203) 235-7927
Rank Status: 2
Rank Date: 05/23/1995
Classification: TSDF
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	11/20/1990
Actual Date Achieved Compliance:	03/30/1994

Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	11/20/1990
Actual Date Achieved Compliance:	03/30/1994

Regulation Violated:	Not reported
Area of Violation:	TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	12/02/1986
Actual Date Achieved Compliance:	03/30/1994

Regulation Violated:	Not reported
Area of Violation:	FORMAL ENFORCEMENT AGREEMENT
Date Violation Determined:	11/05/1985
Actual Date Achieved Compliance:	03/30/1994

Regulation Violated:	Not reported
Area of Violation:	TSD-GOUNDWATER MONITORING REQUIREMENTS
Date Violation Determined:	11/05/1985
Actual Date Achieved Compliance:	02/05/1986

QUINLAN RUSSELL (Continued) **1000235508**

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/27/1986
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 11/05/1985
Actual Date Achieved Compliance: 03/30/1994

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 07/11/1985
Actual Date Achieved Compliance: 03/30/1994

Regulation Violated: Not reported
Area of Violation: TSD-GOUNDWATER MONITORING REQUIREMENTS
Date Violation Determined: 04/26/1985
Actual Date Achieved Compliance: 03/30/1994

Regulation Violated: Not reported
Area of Violation: TSD-GOUNDWATER MONITORING REQUIREMENTS
Date Violation Determined: 11/19/1984
Actual Date Achieved Compliance: 02/05/1986

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/27/1986
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 11/19/1984
Actual Date Achieved Compliance: 07/15/1987

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/22/1985
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-GOUNDWATER MONITORING REQUIREMENTS
Date Violation Determined: 11/19/1984
Actual Date Achieved Compliance: 03/30/1994

Regulation Violated: Not reported
Area of Violation: TSD-GOUNDWATER MONITORING REQUIREMENTS
Date Violation Determined: 07/13/1984
Actual Date Achieved Compliance: 04/26/1985

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/23/1984
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 01/26/1984
Actual Date Achieved Compliance: 03/30/1994

Regulation Violated: Not reported
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 01/26/1984
Actual Date Achieved Compliance: 03/30/1994

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 01/26/1984

QUINLAN RUSSELL (Continued) **1000235508**

Actual Date Achieved Compliance: 03/30/1994

There are 15 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940330
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940330
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940330
Compliance Schedule Evaluation	FORMAL ENFORCEMENT AGREEMENT	19940330
Compliance Evaluation Inspection	TSD-GOUNDWATER MONITORING REQUIREMENTS	19860205
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940330
Non-Financial Record Review	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940330
Compliance GW Monitoring Evaluation	TSD-GOUNDWATER MONITORING REQUIREMENTS	19940330
Compliance Evaluation Inspection	TSD-GOUNDWATER MONITORING REQUIREMENTS	19860205
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19870715
	TSD-GOUNDWATER MONITORING REQUIREMENTS	19940330
Non-Financial Record Review	TSD-GOUNDWATER MONITORING REQUIREMENTS	19850426
Compliance Evaluation Inspection	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19940330
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19940330
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19940330

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.
CT MANIFEST
Additional detail is available in CT MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

9
SE
1/8-1/4
724 ft.
Higher

KENNEDY BUILDING
71 CATLIN ST.
MERIDEN, CT 06450

UST **U002027887**
N/A

KENNEDY BUILDING (Continued) **U002027887**

UST:

Facility Id:	3851
Tank ID:	1.00000
Alt. Facility ID:	80-3851
Alt. Tank ID:	A1
Tank Status:	Permanently Out of Use
Capacity:	20000.00000
Substance:	Heating Oil
Closure Status:	Removed
Date Installed:	05/01/1966
Date Last Used:	04/01/1989
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Unknown
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CARABETTA MANAGEMENT COMPANY 200 PRATT STREET Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 16.00000″ / 72.00000° 47.00000′ 51.00000″

Facility Id:	3851
Tank ID:	2.00000
Alt. Facility ID:	80-3851
Alt. Tank ID:	A1R1
Tank Status:	Currently In Use
Capacity:	10000.00000
Substance:	Heating Oil
Closure Status:	Not reported
Date Installed:	04/01/1989
Date Last Used:	/ /
Tank Material:	Cathodically Protected Steel
2ndary Material:	None
Pipe Material:	Galvanized Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CARABETTA MANAGEMENT COMPANY 200 PRATT STREET Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 16.00000″ / 72.00000° 47.00000′ 51.00000″

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10 East 1/8-1/4 768 ft. Higher

MILLS MEMORIAL APARTMENTS
144 PRATT ST.
MERIDEN, CT 06450

UST **U002029639**
N/A

MILLS MEMORIAL APARTMENTS (Continued) **U002029639**

UST:

Facility Id:	7180
Tank ID:	1.00000
Alt. Facility ID:	80-7180
Alt. Tank ID:	A1
Tank Status:	Permanently Out of Use
Capacity:	7500.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	02/01/1961
Date Last Used:	04/01/1987
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	MERIDEN HOUSING AUTHORITY 22 CHURCH ST. Meriden, CT 06450
Lat/Long:	41.00000˚ 32.00000´ 24.00000˝ / 72.00000˚ 47.00000´ 47.00000˝

Facility Id:	7180
Tank ID:	2.00000
Alt. Facility ID:	80-7180
Alt. Tank ID:	A2
Tank Status:	Permanently Out of Use
Capacity:	7500.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	02/01/1961
Date Last Used:	04/01/1987
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Not Listed
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	MERIDEN HOUSING AUTHORITY 22 CHURCH ST. Meriden, CT 06450
Lat/Long:	41.00000˚ 32.00000´ 24.00000˝ / 72.00000˚ 47.00000´ 47.00000˝

MILLS MEMORIAL APARTMENTS (Continued) **U002029639**

Facility Id:	7180
Tank ID:	3.00000
Alt. Facility ID:	80-7180
Alt. Tank ID:	G6
Tank Status:	Currently In Use
Capacity:	10000.00000
Substance:	Heating Oil
Closure Status:	Not reported
Date Installed:	10/01/1987
Date Last Used:	/ /
Tank Material:	Fiberglass Reinforced Plastic
2ndary Material:	None
Pipe Material:	Other
2ndary Material:	Cathodically Protected
Spill Installed:	False
Overfill Installed:	False
Owner:	MERIDEN HOUSING AUTHORITY 22 CHURCH ST. Meriden, CT 06450
Lat/Long:	41.00000˚ 32.00000´ 24.00000˝ / 72.00000˚ 47.00000´ 47.00000˝

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11 SSE 1/8-1/4 789 ft. Higher — **J.B. COGGINS INDUSTRIAL PIT , CT** — **LWDS** — **W991101628 N/A**

LWDS:

ArcView Legend Symbology:	INDUST PIT
Leachate and Wastewater Name:	INDUSTRIAL PIT
Leachate and Wastewater Number:	5206010
Status of the Discharge Activity:	INACTIVE
Leachate and Waste Flow:	GROUND
Feature Number on Hazardous Waste List:	0
Subregional Basin Feature Number:	5206
Name:	J.B. Coggins
Alias:	Not reported
Description:	metal hydroxide sludge lagoon to be excavated and closed, HWMR monitoring required
Lat/Long:	41.53783 / -72.79756
State Plane x/y:	986980 / 756697
Mercator x/y:	-21259249.42216 / 13283856.8262

C12 NNW 1/8-1/4 792 ft. Same — **G.T. TIRE & SERVICE CENTER 145-155 COLONY STREET MERIDEN, CT 06451** — **UST** — **U003700472 N/A**

Site 1 of 2 in cluster C

G.T. TIRE & SERVICE CENTER (Continued) **U003700472**

UST:

Facility Id:	11996
Tank ID:	2.00000
Alt. Facility ID:	80-11996
Alt. Tank ID:	A2
Tank Status:	Permanently Out of Use
Capacity:	3000.00000
Substance:	Not Listed
Closure Status:	Tank removed from ground
Date Installed:	01/01/1950
Date Last Used:	10/01/1999
Tank Material:	Not Listed
2ndary Material:	None
Pipe Material:	Not Listed
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	B B MALERBA REALTY, LLC 160 COLONY STREET Meriden, CT 06451
Lat/Long:	0.00000° 0.00000′ 0.00000″ / 0.00000° 0.00000′ 0.00000″

Facility Id:	11996
Tank ID:	1.00000
Alt. Facility ID:	80-11996
Alt. Tank ID:	A1
Tank Status:	Permanently Out of Use
Capacity:	6000.00000
Substance:	Not Listed
Closure Status:	Tank removed from ground
Date Installed:	01/01/1950
Date Last Used:	10/01/1999
Tank Material:	Not Listed
2ndary Material:	None
Pipe Material:	Not Listed
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	B B MALERBA REALTY, LLC 160 COLONY STREET Meriden, CT 06451
Lat/Long:	0.00000° 0.00000′ 0.00000″ / 0.00000° 0.00000′ 0.00000″

B13 **W.A. KELSEY COMPANY** **UST** **U001632483**
North **30 CROSS STREET** **N/A**
1/8-1/4 **MERIDEN, CT 06450**
822 ft.
Higher **Site 2 of 2 in cluster B**

W.A. KELSEY COMPANY (Continued) **U001632483**

UST:

Facility Id:	10401
Tank ID:	2.00000
Alt. Facility ID:	80-10401
Alt. Tank ID:	B2
Tank Status:	Permanently Out of Use
Capacity:	8000.00000
Substance:	Gasoline
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	01/01/1950
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	W.A. KELSEY COMPANY 30 CROSS ST. Meriden, CT 06450
Lat/Long:	4.00000° 4.00000´ 51.00000˝ / 7.00000° 14.00000´ 51.00000˝

Facility Id:	10401
Tank ID:	1.00000
Alt. Facility ID:	80-10401
Alt. Tank ID:	A1
Tank Status:	Permanently Out of Use
Capacity:	8000.00000
Substance:	Gasoline
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	01/01/1950
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	W.A. KELSEY COMPANY 30 CROSS ST. Meriden, CT 06450
Lat/Long:	4.00000° 4.00000´ 51.00000˝ / 7.00000° 14.00000´ 51.00000˝

C14 **RAY'S AMOCO SERVICE** **UST** **U002173499**
NNW **152 COLONY RD.** **N/A**
1/8-1/4 **MERIDEN, CT 06450**
855 ft.
Same **Site 2 of 2 in cluster C**

RAY'S AMOCO SERVICE (Continued) **U002173499**

UST:

Facility Id:	3762
Tank ID:	5.00000
Alt. Facility ID:	80-3762
Alt. Tank ID:	R5
Tank Status:	Permanently Out of Use
Capacity:	3000.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	01/01/1965
Date Last Used:	12/01/1988
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Galvanized Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	G. WN. MALIEABA 45 JEFFEREY LANE Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 34.00000″ / 72.00000° 48.00000′ 20.00000″

Facility Id:	3762
Tank ID:	1.00000
Alt. Facility ID:	80-3762
Alt. Tank ID:	R1
Tank Status:	Permanently Out of Use
Capacity:	2000.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	01/01/1950
Date Last Used:	12/01/1988
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Galvanized Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	G. WN. MALIEABA 45 JEFFEREY LANE Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 34.00000″ / 72.00000° 48.00000′ 20.00000″

RAY'S AMOCO SERVICE (Continued) **U002173499**

Facility Id:	3762
Tank ID:	4.00000
Alt. Facility ID:	80-3762
Alt. Tank ID:	R4
Tank Status:	Permanently Out of Use
Capacity:	2000.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	01/01/1965
Date Last Used:	12/01/1988
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	G. WN. MALIEABA 45 JEFFEREY LANE Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 34.00000″ / 72.00000° 48.00000′ 20.00000″

Facility Id:	3762
Tank ID:	3.00000
Alt. Facility ID:	80-3762
Alt. Tank ID:	R3
Tank Status:	Permanently Out of Use
Capacity:	2000.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	01/01/1950
Date Last Used:	12/01/1988
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Galvanized Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	G. WN. MALIEABA 45 JEFFEREY LANE Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 34.00000″ / 72.00000° 48.00000′ 20.00000″

RAY'S AMOCO SERVICE (Continued) **U002173499**

Facility Id:	3762
Tank ID:	2.00000
Alt. Facility ID:	80-3762
Alt. Tank ID:	R2
Tank Status:	Permanently Out of Use
Capacity:	2000.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	01/01/1950
Date Last Used:	12/01/1988
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Galvanized Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	G. WN. MALIEABA 45 JEFFEREY LANE Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 34.00000″ / 72.00000° 48.00000′ 20.00000″

Facility Id:	3762
Tank ID:	6.00000
Alt. Facility ID:	80-3762
Alt. Tank ID:	R6
Tank Status:	Permanently Out of Use
Capacity:	550.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	01/01/1950
Date Last Used:	12/01/1988
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Galvanized Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	G. WN. MALIEABA 45 JEFFEREY LANE Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 34.00000″ / 72.00000° 48.00000′ 20.00000″

RAY'S AMOCO SERVICE (Continued) **U002173499**

Facility Id:	3762
Tank ID:	7.00000
Alt. Facility ID:	80-3762
Alt. Tank ID:	R7
Tank Status:	Permanently Out of Use
Capacity:	275.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	01/01/1950
Date Last Used:	12/01/1988
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Galvanized Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	G. WN. MALIEABA 45 JEFFEREY LANE Meriden, CT 06450
Lat/Long:	41.00000° 32.00000´ 34.00000˝ / 72.00000° 48.00000´ 20.00000˝

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15 NNE 1/8-1/4 862 ft. Higher

G.R. CUMMINGS COMPANY
198 STATE STREET
MERIDEN, CT 06450

UST **U002173472**
N/A

UST:

Facility Id:	3710
Tank ID:	3.00000
Alt. Facility ID:	80-3710
Alt. Tank ID:	C1
Tank Status:	Currently In Use
Capacity:	2000.00000
Substance:	Gasoline
Closure Status:	Not reported
Date Installed:	04/01/1989
Date Last Used:	/ /
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	G.R. CUMMINGS COMPANY 198 STATE ST. Meriden, CT 06450
Lat/Long:	41.00000° 32.00000´ 35.00000˝ / 72.00000° 47.00000´ 50.00000˝

G.R. CUMMINGS COMPANY (Continued) **U002173472**

Facility Id:	3710
Tank ID:	2.00000
Alt. Facility ID:	80-3710
Alt. Tank ID:	B1
Tank Status:	Currently In Use
Capacity:	1000.00000
Substance:	Gasoline
Closure Status:	Not reported
Date Installed:	01/01/1950
Date Last Used:	/ /
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	G.R. CUMMINGS COMPANY 198 STATE ST. Meriden, CT 06450
Lat/Long:	41.00000˚ 32.00000´ 35.00000˝ / 72.00000˚ 47.00000´ 50.00000˝

Facility Id:	3710
Tank ID:	1.00000
Alt. Facility ID:	80-3710
Alt. Tank ID:	A1
Tank Status:	Currently In Use
Capacity:	1000.00000
Substance:	Gasoline
Closure Status:	Not reported
Date Installed:	01/01/1950
Date Last Used:	/ /
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	G.R. CUMMINGS COMPANY 198 STATE ST. Meriden, CT 06450
Lat/Long:	41.00000˚ 32.00000´ 35.00000˝ / 72.00000˚ 47.00000´ 50.00000˝

D16 **LUST** **S104311563**
NNW **155 COLONY STREET** **CT Spills** **N/A**
1/8-1/4 **MERIDEN, CT**
899 ft.
Higher **Site 1 of 3 in cluster D**

LUST:

Computer Generated # :	8402
Enforcement Data Together :	8583
LUST ID :	8402
Spill Case # Without Dash :	9904074
Spill Case # With Dash :	9904074
Referral Made :	False
Spill Date :	06/23/1999
Emergency Stated by Program :	False
Heating Fuel :	False

(Continued) **S104311563**

Commercial HF Unk : False
Commercial Hf > 2100 Gals : False
Commercial Hf < 2100 Gals : False
Motor Fuel : False
Waste : True
Site Id Number : 0
Owner Id Number : 0
Entry Date : Not reported
Comments : 5000, Used Oil, COMMERCIAL, REMOVAL OF A 5,000-GALLON L.U.S.T / FIRE MARSHAL REQUESTING RESPONSE / TANK FORMERLY GASOLINE - CONVERTED TO WASTE OIL / WATEF LINE RUPTURED DURING EXCAVATION

Case Log Inspections
Case Log ID: Not reported
Inspection Date: Not reported
Work Performed :

Case Log
Old ID: Not reported
Spill Case #: Not reported
UST ID # : Not reported
Contact : Not reported
Environmental Impact : Not reported
Referred To LUST Program By: Not reported
Date Referred : Not reported
Work Performed : Not reported
Date LUST Prgrm On Site First Time: Not reported
Subsequent Dates : Not reported
Status : Not reported

Release Information
UST Event ID: 8583
Substance: Used Oil
Source: Other
Comments : 5000

Tank Information
UST Event ID: 8583
Facility ID: 11996
Tank ID: 1
Comments : Not reported
UST Event ID: 8583
Facility ID: 11996
Tank ID: 2
Comments : Not reported

Computer Generated # : 9043
Enforcement Data Together : 9224
LUST ID : 9043
Spill Case # Without Dash : 9906728
Spill Case # With Dash : 9906728
Referral Made : False
Spill Date : 10/04/1999
Emergency Stated by Program : False
Heating Fuel : False
Commercial HF Unk : False
Commercial Hf > 2100 Gals : False
Commercial Hf < 2100 Gals : False
Motor Fuel : True
Waste : False
Site Id Number : 0

(Continued) **S104311563**

Owner Id Number : 0
Entry Date : Not reported
Comments : unknown size, GASOLINE, COMMERCIAL, DISCOVERY OF BOTH GROUNDWATER AND SOIL CONTAMINATION DURING ON SITE WORK

Case Log Inspections
Case Log ID: Not reported
Inspection Date: Not reported
Work Performed :

Case Log
Old ID: Not reported
Spill Case #: Not reported
UST ID # : Not reported
Contact : Not reported
Environmental Impact : Not reported
Referred To LUST Program By: Not reported
Date Referred : Not reported
Work Performed : Not reported
Date LUST Prgrm On Site First Time: Not reported
Subsequent Dates : Not reported
Status : Not reported

Release Information
UST Event ID: 9224
Substance: Gasoline
Source: Motor Fuel
Comments : unknown size

Tank Information
UST Event ID: 9224
Facility ID: 11996
Tank ID: 1
Comments : Not reported
UST Event ID: 9224
Facility ID: 11996
Tank ID: 2
Comments : Not reported

SPILL:

Case Number:	9904074	OCSRD Inspector:	Not reported
Year of Database:	1999	Town of Spill:	Not reported
Report Date:	6/23/99 0:00:00	Reported By:	DISPATCHER GRIMES
Work Telephone:	Not reported	Home Telephone:	Not reported
Representing:	MERIDEN FIRE DEPARTMENT		
Telephone Pole#:	Not reported		
Incident Type:	Not reported		
Substance:	Not reported		
Qty (Gallon):	10	Qty (Yard):	0
Qty (Pound):	0	Qty (Drum):	0
Qty (Feet):	0	Concentration:	Not reported
CERCLA:	Not reported		
SARA 304 Rel:	Not reported	SARA Haz Sub:	Not reported
Cross Property:	Not reported	Protective Actions:	Not reported
Action Desc:	Not reported		
Qty Reported:	Not reported	Total (Pound):	Not reported
Spill Date:	6/23/99 0:00:00	Spill Time:	Not reported
On Going:	Not reported	Continuous Spill:	Not reported
Release Status:	Terminated		
Misc Info:	Not reported		
Water Body:	NA		
Other Media:	Not reported		

(Continued) **S104311563**

Release Area: Not reported
Total (Water): 0 Recovd (Water): Not reported
Recovd (Total):: 10 Dun & Bradst#: Not reported
Polluter: Not reported
Polluter Phone: Not reported
Financial Responsibility: Not reported
Unknown Responsibility: Not reported
Unknown Polluter: Not reported
Cleanup Contractor: Not reported
Contractor Name: Not reported
Did DEP Hire Contractor: Not reported
Date Contractor Hired: Not reported
When Contractor Requested: Not reported
When Contractor Arrived: Not reported
Who Took Spill: 922- ACETO, JOHN
Badge # of Who Recieved Spill: Not reported
Who Assigned Spill: Not reported
Badge # of Who Assigned Spill: Not reported
Date Assigned: Not reported
Spill Status: Not reported
Facility Status: closed
Emergency Measure: REMOVAL OF A 5,000-GALLON L.U.S.T / FIRE MARSHAL REQUESTING RESPONSE / TANK FORMERLY GASOLINE - CONVERTED TO WASTE OIL / WATER LINE RUPTURED DURING EXCAVATION
Cleanup Action: Not reported
UST Unit: Not reported
Agency Notified: Not reported
Other Agency: Not reported Notify Other: Not reported
State Agency: Not reported Notify Date: Not reported
Discharge Class: Not reported
Other Class: Not reported
Cause: Not reported
Other Cause: Not reported
Actions: Not reported
Other Actions: Not reported
Notify Status: Not reported Case 1136: Not reported
Case #1: Not reported Case #2: Not reported
Federal 311K: Not reported Cost Recovery: Not reported
Property Owner: Not reported
Property Other: Not reported
Property Name: Not reported
Property Addr: Not reported
Polluter: Not reported
Owner: Not reported
Operator: Not reported
Vehicle: Not reported
Truck Reg: Not reported Trail Reg: Not reported
Updated: Not reported Update Date: Not reported
Assigned To: 0- NO RESPONSE
Lat/Long: Not reported
Add Info: Not reported
Discharger: G.T TIRES Telephone: Not reported
Responsible Party: YES
Released Substance: WASTE OIL
RP Address: 155 COLONY STREET
MERIDEN, CT 06450
Corrective Action: Contained

(Continued) **S104311563**

Pumped Out
Removed Tank
Soil Removed
Agency Notified: Local Fire Department
Local Fire Marshal
Cause of Incident: Inground Tank Failure
Media: Ground Surface
Release Class: Commercial
Release Type: Petroleum
Waterbody: Groundwater

Case Number:	9906728	OCSRD Inspector:	Not reported
Year of Database:	1999	Town of Spill:	Not reported
Report Date:	10/4/99 0:00:00	Reported By:	PETROLEUM SERVICES
Work Telephone:	Not reported	Home Telephone:	Not reported
Representing:	Self		
Telephone Pole#:	Not reported		
Incident Type:	Not reported		
Substance:	Not reported		
Qty (Gallon):	10	Qty (Yard):	10
Qty (Pound):	0	Qty (Drum):	0
Qty (Feet):	0	Concentration:	Not reported
CERCLA:	Not reported		
SARA 304 Rel:	Not reported	SARA Haz Sub:	Not reported
Cross Property:	Not reported	Protective Actions:	Not reported
Action Desc:	Not reported		
Qty Reported:	Not reported	Total (Pound):	Not reported
Spill Date:	7/14/99 0:00:00	Spill Time:	Not reported
On Going:	Not reported	Continuous Spill:	Not reported
Release Status:	Terminated		
Misc Info:	Not reported		
Water Body:	NA		
Other Media:	Not reported		
Release Area:	Not reported		
Total (Water):	10	Recovd (Water):	Not reported
Recovd (Total)::	0	Dun & Bradst#:	Not reported
Polluter:	Not reported		
Polluter Phone:	Not reported		

Financial Responsibility:	Not reported
Unknown Responsibility:	Not reported
Unknown Polluter:	Not reported
Cleanup Contractor:	Not reported
Contractor Name:	Not reported
Did DEP Hire Contractor:	Not reported
Date Contractor Hired:	Not reported
When Contractor Requested:	Not reported
When Contractor Arrived:	Not reported
Who Took Spill:	922- ACETO, JOHN
Badge # of Who Recieved Spill:	Not reported
Who Assigned Spill:	Not reported
Badge # of Who Assigned Spill:	Not reported
Date Assigned:	Not reported
Spill Status:	Not reported
Facility Status:	Closed
Emergency Measure:	DISCOVERY OF BOTH GROUNDWATER AND SOIL CONTAMINATIONN DURING ON SITE WORK
Cleanup Action:	Not reported

(Continued) **S104311563**

UST Unit:	Not reported		
Agency Notified:	Not reported		
Other Agency:	Not reported	Notify Other:	Not reported
State Agency:	Not reported	Notify Date:	Not reported
Discharge Class:	Not reported		
Other Class:	Not reported		
Cause:	Not reported		
Other Cause:	Not reported		
Actions:	Not reported		
Other Actions:	Not reported		
Notify Status:	Not reported	Case 1136:	Not reported
Case #1:	Not reported	Case #2:	Not reported
Federal 311K:	Not reported	Cost Recovery:	Not reported
Property Owner:	Not reported		
Property Other:	Not reported		
Property Name:	Not reported		
Property Addr:	Not reported		
Polluter:	Not reported		
Owner:	Not reported		
Operator:	Not reported		
Vehicle:	Not reported		
Truck Reg:	Not reported	Trail Reg:	Not reported
Updated:	Not reported	Update Date:	Not reported
Assigned To:	0- NO RESPONSE		
Lat/Long:	Not reported		
Add Info:	Not reported		
Discharger:	MALERBA SERVICE STATION	Telephone:	Not reported
Responsible Party:	YES		
Released Substance:	GASOLINE		
RP Address:	155 COLONY STREET MERIDEN, CT 06450		
Corrective Action:	Contained Contracted Pumped Out Removed Tank Soil Removed		
Agency Notified:	BUREAU OF WASTE MANAGEMENT - OIL AND CHEMICAL SPILL RESPONSE		
Cause of Incident:	Inground Tank Failure Transfer Line Failure		
Media:	Ground Surface Ground Water		
Release Class:	Commercial		
Release Type:	Petroleum		
Waterbody:	Groundwater		

D17 NNW 1/8-1/4 906 ft. Higher **J. B. COGGINS CO.** **5 CROSS STREET** **MERIDEN, CT** **SDADB** **S104254245** **N/A**

Site 2 of 3 in cluster D

Site Discovery and Assessment:

Facility ID:	228
WPC Number :	Not reported
Lat/Long :	41.55 / -72.7917
Lat/Long Determined By :	UNK
Waste Type 1 :	Metals
Waste Type 2 :	MOH SLUDGE
Waste Type 3 :	Not reported

J. B. COGGINS CO. (Continued) **S104254245**

Disposal 1 :	LAGOON
Disposal 2 :	IMPOUNDMENT
Disposal 3 :	Not reported
Sample Data Available :	False
Ground Water Quality Classification :	Not reported
Surface Water Quality Classification :	Not reported
PTP Id:	Not reported
Postal District:	Not reported
Lat/Lon:	41˚ 32´ 60˝ / 72˚ 47´ 30˝
Updated By:	Not reported
Update Program:	Not reported
Updated:	Not reported
Duplicate:	False
Comments:	ALL WASTE REMOVED PURSUANT TO CT HAZARDOUS WASTE MANAGEMENT REGULATIONS IN 6/12/85. ADDRESS ON TRANSFER FORM 531 CROSS STREET. 5-31 CROSS STREET

Federal

EPA CERCLIS Id :	Not reported
Number EPA RCRIS Id :	Not reported
Site on EPA's CERCLIS :	Not reported
Site Archived from CERCLIS :	Not reported
Date of archive :	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

Referral Id:	223
Source of referral:	SUPERFUND
Date received:	07/06/1987
Staff assigned:	DEP
Remediation program:	SUPERFUND
Date assigned:	07/06/1987
Date copmleted:	07/06/1987
Outcome:	INVENTORY

Remedial

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 assigned :	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

J. B. COGGINS CO. (Continued) **S104254245**

GW monitoring : Not reported
Remediation complete Approved DEP/Verified by LEP :Not reported
Orders
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
Admin Appeal Ruling : Not reported
Date of Admin Appeal Ruling : Not reported
Date of Final Order : Not reported
Date of Court Appeal : Not reported
Court ruling : Not reported
Date of Court Ruling : Not reported
Date Order Modified : Not reported
Date Order Revoked : 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
Comments : Not reported

D18
NNW
1/8-1/4
906 ft.
Higher

J.B. COGGINS
5 CROSS ST
MERIDEN, CT 06450

SHWS **S100996912**
N/A

Site 3 of 3 in cluster D

SHWS:
State ID: Not reported
Groundwater Class: GB
Disposal Activity: SURFACE IMPOUNDMENT
Waste Type: MOH SLUDGE
Alternate Name: Not reported
EPA ID: Not reported
Waste Category: Not reported
Disposal Method: Not reported
Inventory Date: Not reported
DEP Programs: Not reported
On CERCLIS: Not reported
Resource Convention & Recovery Act: Not reported
RCRA Status: Not reported
RCRA Permit Status: Not reported
Surface Water Qualification: Not reported
Other Dept of Env. Protection: Not reported
Comments: ALL WASTE REMOVED PURSUANT TO CT HAZARDOUS WASTE MANAGEMENT REGULATIONS IN 6/12/85.

19
SSW
1/8-1/4
952 ft.
Higher

IDEAL CLNRS
69 E MAIN ST
MERIDEN, CT 06450

RCRIS-SQG **1000147399**
FINDS **CTD980907893**

IDEAL CLNRS (Continued) **1000147399**

RCRIS:
Owner: Not reported
EPA ID: CTD980907893
Contact: WALTER COMBS
(203) 237-3757
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

CT MANIFEST
Additional detail is available in CT MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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20 East 1/8-1/4 986 ft. Higher | **CURTIS CORPORATION**
169 PRATT STREET
MERIDEN, CT 06450 | **UST** | **U003540186**
N/A

UST:
Facility Id: 10400
Tank ID: 1.00000
Alt. Facility ID: 80-10400
Alt. Tank ID: A1
Tank Status: Permanently Out of Use
Capacity: 3000.00000
Substance: Heating Oil
Closure Status: Removed
Date Installed: 01/01/1950
Date Last Used: 11/01/1989
Tank Material: Asphalt Coated or Bare Steel
2ndary Material: None
Pipe Material: Other
2ndary Material: None
Spill Installed: False
Overfill Installed: False
Owner: CURTIS CORPORATION
179 COLUMBUS AVE.
Groton, CT 06340
Lat/Long: 4.00000° 4.00000′ 51.00000″ / 7.00000° 14.00000′ 51.00000″

CURTIS CORPORATION (Continued) **U003540186**

Facility Id:	10400
Tank ID:	2.00000
Alt. Facility ID:	80-10400
Alt. Tank ID:	A1R1
Tank Status:	Currently In Use
Capacity:	4000.00000
Substance:	Heating Oil
Closure Status:	Not reported
Date Installed:	11/01/1989
Date Last Used:	/ /
Tank Material:	Cathodically Protected Steel
2ndary Material:	None
Pipe Material:	Galvanized Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CURTIS CORPORATION 179 COLUMBUS AVE. Groton, CT 06340
Lat/Long:	4.00000° 4.00000′ 51.00000″ / 7.00000° 14.00000′ 51.00000″

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21 South 1/8-1/4 987 ft. Higher **OFFICE COMPLEX**
95 EAST MAIN ST.
MERIDEN, CT

LUST **S105457036**
N/A

LUST:

Computer Generated # :	2070
Enforcement Data Together :	2069
LUST ID :	2070
Spill Case # Without Dash :	2069
Spill Case # With Dash :	2069
Referral Made :	False
Spill Date :	11/10/1992
Emergency Stated by Program :	False
Heating Fuel :	False
Commercial HF Unk :	False
Commercial Hf > 2100 Gals :	True
Commercial Hf < 2100 Gals :	False
Motor Fuel :	False
Waste :	False
Site Id Number :	0
Owner Id Number :	0
Entry Date :	Not reported
Comments :	Should be Registered Facility
Case Log Inspections	
Case Log ID:	Not reported
Inspection Date:	Not reported
Work Performed :	
Case Log	
Old ID:	Not reported
Spill Case #:	Not reported
UST ID # :	Not reported
Contact :	Not reported
Environmental Impact :	Not reported
Referred To LUST Program By	Not reported
Date Referred :	Not reported

OFFICE COMPLEX (Continued) **S105457036**

Work Performed : Not reported
Date LUST Prgrm On Site First Time : Not reported
Subsequent Dates : Not reported
Status : Not reported
Release Information
UST Event ID: 2069
Substance: Heating Oil
Source: Comm. Heating Oil >2100
Comments : Tank Release; Uncontrolled release from UST; UST removed; Type/Gal: 4000/STEEL; Substance: HF2;
Tank Information
UST Event ID: Not reported
Facility ID: Not reported
Tank ID: Not reported
Comments : Not reported

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22 NNW 1/8-1/4 1014 ft. Higher **YOUNG WOMENS CHRISTIAN ASSOCIATION** **UST** **U002176311**
169 COLONY ST. **N/A**
MERIDEN, CT 06450

UST:
Facility Id: 9057
Tank ID: 1.00000
Alt. Facility ID: 80-9057
Alt. Tank ID: A-1
Tank Status: Permanently Out of Use
Capacity: 5000.00000
Substance: Heating Oil
Closure Status: Removed
Date Installed: 10/01/1964
Date Last Used: 08/01/1989
Tank Material: Asphalt Coated or Bare Steel
2ndary Material: None
Pipe Material: Unknown
2ndary Material: None
Spill Installed: False
Overfill Installed: False
Owner: YOUNG WOMENS CHRISTIAN ASSOCIATION
169 COLONY ST.
Meriden, CT 06450
Lat/Long: 0.00000° 40.00000′ 11.00000″ / 7.00000° 14.00000′ 51.00000″

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23 SSE 1/8-1/4 1022 ft. Higher **SAINT ANDREWS EPISCOPAL CHURCH** **UST** **U002176751**
20 CATLIN ST. **N/A**
MERIDEN, CT 06450

SAINT ANDREWS EPISCOPAL CHURCH (Continued) **U002176751**

UST:

Facility Id:	9903
Tank ID:	1.00000
Alt. Facility ID:	80-9903
Alt. Tank ID:	A1
Tank Status:	Permanently Out of Use
Capacity:	5000.00000
Substance:	Heating Oil
Closure Status:	Removed
Date Installed:	01/01/1960
Date Last Used:	06/01/1989
Tank Material:	Not Listed
2ndary Material:	None
Pipe Material:	Unknown
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	SAINT ANDREWS EPISCOPAL CHURCH 20 CATLIN ST. Meriden, CT 06450
Lat/Long:	0.00000° 41.00000′ 11.00000″ / 7.00000° 34.00000′ 51.00000″

24
SE
1/8-1/4
1118 ft.
Higher

MERIDEN PUBLIC LIBRARY
105 MILLER ST.
MERIDEN, CT 06450

UST **U002029539**
N/A

UST:

Facility Id:	7009
Tank ID:	2.00000
Alt. Facility ID:	80-7009
Alt. Tank ID:	A1R1
Tank Status:	Currently In Use
Capacity:	4000.00000
Substance:	Heating Oil
Closure Status:	Not reported
Date Installed:	06/01/1999
Date Last Used:	/ /
Tank Material:	Fiberglass Reinforced Plastic
2ndary Material:	None
Pipe Material:	Copper
2ndary Material:	Secondary Containment
Spill Installed:	True
Overfill Installed:	True
Owner:	CITY OF MERIDEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 16.00000″ / 72.00000° 47.00000′ 50.00000″

MERIDEN PUBLIC LIBRARY (Continued) **U002029539**

Facility Id: 7009
Tank ID: 1.00000
Alt. Facility ID: 80-7009
Alt. Tank ID: A1
Tank Status: Currently In Use
Capacity: 4000.00000
Substance: Heating Oil
Closure Status: Not reported
Date Installed: 10/01/1972
Date Last Used: / /
Tank Material: Asphalt Coated or Bare Steel
2ndary Material: None
Pipe Material: Bare Steel
2ndary Material: None
Spill Installed: False
Overfill Installed: False
Owner: CITY OF MERIDEN
142 EAST MAIN ST.
Meriden, CT 06450
Lat/Long: 41.00000° 32.00000′ 16.00000″ / 72.00000° 47.00000′ 50.00000″

E25 **DUNCAN CLEANERS** **RCRIS-SQG 1000167743**
South **115 MAIN ST** **FINDS CTD081304669**
1/8-1/4 **SOUTH MERIDEN, CT 06450**
1131 ft.
Higher **Site 1 of 2 in cluster E**

RCRIS:
Owner: Not reported
EPA ID: CTD081304669
Contact: XXX
(203) 238-1706
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

F26 **JEFFERSON FEDERAL SAVINGS** **UST U002027965**
WSW **1 WEST MAIN ST.** **N/A**
1/8-1/4 **MERIDEN, CT 06450**
1141 ft.
Higher **Site 1 of 2 in cluster F**

JEFFERSON FEDERAL SAVINGS (Continued) **U002027965**

UST:

Facility Id:	4008
Tank ID:	1.00000
Alt. Facility ID:	80-4008
Alt. Tank ID:	A1
Tank Status:	Currently In Use
Capacity:	10000.00000
Substance:	Gasoline
Closure Status:	Not reported
Date Installed:	05/01/1974
Date Last Used:	/ /
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Unknown
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CARABETTA MANAGEMENT COMPANY 200 PRATT STREET Meriden, CT 06450
Lat/Long:	41.00000˚ 32.00000´ 14.00000˝ / 7.00000˚ 24.00000´ 0.00000˝

F27 WSW 1/8-1/4 1142 ft. Higher **CT. NATIONAL BANK**
1 WEST MAIN ST.
MERIDEN, CT

LUST **S105456150**
N/A

Site 2 of 2 in cluster F

LUST:

Computer Generated # :	407
Enforcement Data Together :	406
LUST ID :	407
Spill Case # Without Dash :	4008
Spill Case # With Dash :	4008
Referral Made :	False
Spill Date :	01/31/1990
Emergency Stated by Program :	False
Heating Fuel :	False
Commercial HF Unk :	False
Commercial Hf > 2100 Gals :	False
Commercial Hf < 2100 Gals :	False
Motor Fuel :	False
Waste :	False
Site Id Number :	0
Owner Id Number :	0
Entry Date :	Not reported
Comments :	Not reported
Case Log Inspections	
Case Log ID:	Not reported
Inspection Date:	Not reported
Work Performed :	
Case Log	
Old ID:	Not reported
Spill Case #:	Not reported
UST ID # :	Not reported
Contact :	Not reported
Environmental Impact :	Not reported
Referred To LUST Program By	Not reported

CT. NATIONAL BANK (Continued) **S105456150**

Date Referred : Not reported
Work Performed : Not reported
Date LUST Prgrm On Site First Time : Not reported
Subsequent Dates : Not reported
Status : Not reported
Release Information
UST Event ID: Not reported
Substance: Not reported
Source: Not reported
Comments : Not reported
Tank Information
UST Event ID: 406
Facility ID: 4008
Tank ID: 1
Comments : TankID 1: Overfill Release; Uncontrolled release from UST; UST Removed; Type/Gal: 1000/STEEL; Substance: HF;

E28 SSE 1/8-1/4 1160 ft. Higher | **MERIDEN CITY HALL**
142 EAST MAIN ST.
MERIDEN, CT 06450 | **UST** | **U002029573**
N/A

Site 2 of 2 in cluster E

UST:
Facility Id: 7062
Tank ID: 3.00000
Alt. Facility ID: 80-7062
Alt. Tank ID: A1R1
Tank Status: Currently In Use
Capacity: 4000.00000
Substance: Heating Oil
Closure Status: Not reported
Date Installed: 06/01/1999
Date Last Used: / /
Tank Material: Fiberglass Reinforced Plastic
2ndary Material: None
Pipe Material: Copper
2ndary Material: Secondary Containment
Spill Installed: True
Overfill Installed: True
Owner: CITY OF MERIDEN
142 EAST MAIN ST.
Meriden, CT 06450
Lat/Long: 41.00000° 32.00000′ 10.00000″ / 72.00000° 47.00000′ 51.00000″

MERIDEN CITY HALL (Continued) **U002029573**

Facility Id:	7062
Tank ID:	2.00000
Alt. Facility ID:	80-7062
Alt. Tank ID:	B1
Tank Status:	Permanently Out of Use
Capacity:	1.00000
Substance:	Gasoline
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	01/01/1950
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERIDEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000˚ 32.00000´ 10.00000˝ / 72.00000˚ 47.00000´ 51.00000˝

Facility Id:	7062
Tank ID:	1.00000
Alt. Facility ID:	80-7062
Alt. Tank ID:	A1
Tank Status:	Currently In Use
Capacity:	3000.00000
Substance:	Heating Oil
Closure Status:	Not reported
Date Installed:	01/01/1950
Date Last Used:	/ /
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERIDEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000˚ 32.00000´ 10.00000˝ / 72.00000˚ 47.00000´ 51.00000˝

29
North
1/8-1/4
1173 ft.
Higher

J&M AUTOMOTIVE L.L.C.
186 COLONY ST.
MERIDEN, CT 06450

UST **U002027767**
N/A

J&M AUTOMOTIVE L.L.C. (Continued) **U002027767**

UST:

Facility Id:	3661
Tank ID:	5.00000
Alt. Facility ID:	80-3661
Alt. Tank ID:	E5
Tank Status:	Permanently Out of Use
Capacity:	550.00000
Substance:	Used Oil
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	12/01/1990
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	FORAN S, INC. 186 COLCNY ST. Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 34.00000″ / 72.00000° 47.00000′ 57.00000″

Facility Id:	3661
Tank ID:	7.00000
Alt. Facility ID:	80-3661
Alt. Tank ID:	A2R1
Tank Status:	Currently In Use
Capacity:	8000.00000
Substance:	Gasoline
Closure Status:	Not reported
Date Installed:	10/01/1997
Date Last Used:	/ /
Tank Material:	Cathodically Protected Steel
2ndary Material:	None
Pipe Material:	Fiberglass Reinforced Plastic
2ndary Material:	None
Spill Installed:	True
Overfill Installed:	True
Owner:	FORAN S, INC. 186 COLCNY ST. Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 34.00000″ / 72.00000° 47.00000′ 57.00000″

J&M AUTOMOTIVE L.L.C. (Continued) **U002027767**

Facility Id:	3661
Tank ID:	6.00000
Alt. Facility ID:	80-3661
Alt. Tank ID:	A1R1
Tank Status:	Currently In Use
Capacity:	8000.00000
Substance:	Gasoline
Closure Status:	Not reported
Date Installed:	10/01/1997
Date Last Used:	/ /
Tank Material:	Cathodically Protected Steel
2ndary Material:	None
Pipe Material:	Fiberglass Reinforced Plastic
2ndary Material:	None
Spill Installed:	True
Overfill Installed:	True
Owner:	FORAN S, INC. 186 COLCNY ST. Meriden, CT 06450
Lat/Long:	41.00000° 32.00000´ 34.00000˝ / 72.00000° 47.00000´ 57.00000˝

Facility Id:	3661
Tank ID:	4.00000
Alt. Facility ID:	80-3661
Alt. Tank ID:	D4
Tank Status:	Permanently Out of Use
Capacity:	550.00000
Substance:	Gasoline
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	12/01/1990
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	FORAN S, INC. 186 COLCNY ST. Meriden, CT 06450
Lat/Long:	41.00000° 32.00000´ 34.00000˝ / 72.00000° 47.00000´ 57.00000˝

J&M AUTOMOTIVE L.L.C. (Continued) **U002027767**

Facility Id:	3661
Tank ID:	2.00000
Alt. Facility ID:	80-3661
Alt. Tank ID:	B2
Tank Status:	Currently In Use
Capacity:	6000.00000
Substance:	Gasoline
Closure Status:	Not reported
Date Installed:	01/01/1970
Date Last Used:	/ /
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	FORAN S, INC. 186 COLCNY ST. Meriden, CT 06450
Lat/Long:	41.00000° 32.00000´ 34.00000˝ / 72.00000° 47.00000´ 57.00000˝

Facility Id:	3661
Tank ID:	1.00000
Alt. Facility ID:	80-3661
Alt. Tank ID:	A1
Tank Status:	Temporarily Out of Use
Capacity:	1000.00000
Substance:	Gasoline
Closure Status:	Not reported
Date Installed:	01/01/1970
Date Last Used:	09/01/1984
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	FORAN S, INC. 186 COLCNY ST. Meriden, CT 06450
Lat/Long:	41.00000° 32.00000´ 34.00000˝ / 72.00000° 47.00000´ 57.00000˝

J&M AUTOMOTIVE L.L.C. (Continued) **U002027767**

Facility Id:	3661
Tank ID:	3.00000
Alt. Facility ID:	80-3661
Alt. Tank ID:	C3
Tank Status:	Currently In Use
Capacity:	3000.00000
Substance:	Gasoline
Closure Status:	Not reported
Date Installed:	01/01/1970
Date Last Used:	/ /
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	FORAN S, INC. 186 COLCNY ST. Meriden, CT 06450
Lat/Long:	41.00000˚ 32.00000´ 34.00000˝ / 72.00000˚ 47.00000´ 57.00000˝

G30 SW 1/8-1/4 1176 ft. Higher **THE MERIDEN RECORD CO.**
11 CROWN STREET
MERIDEN, CT

SDADB **S104254260**
N/A

Site 1 of 2 in cluster G

Site Discovery and Assessment:

Facility ID:	877
WPC Number :	Not reported
Lat/Long :	Not reported
Lat/Long Determined By :	Not reported
Waste Type 1 :	CHEMICAL LIQUID
Waste Type 2 :	SLUDGES
Waste Type 3 :	Not reported
Disposal 1 :	Not reported
Disposal 2 :	Not reported
Disposal 3 :	Not reported
Sample Data Available :	False
Ground Water Quality Classification :	Not reported
Surface Water Quality Classification :	Not reported
PTP Id:	Not reported
Postal District:	Not reported
Lat/Lon:	Not reported
Updated By:	Not reported
Update Program:	Not reported
Updated:	Not reported
Duplicate:	False
Comments:	OTHER ADRESSES FOR SAME CO. 98 MAIN ST. SOUTHINGTON 214 CENTER ST. WALLINGFORD

Federal

EPA CERCLIS Id :	Not reported
Number EPA RCRIS Id :	Not reported
Site on EPA's CERCLIS :	Not reported
Site Archived from CERCLIS :	Not reported
Date of archive :	Not reported
EPA's Removal at Site :	Not reported
Deferred to another EPA Program :	Not reported
EPA Env Priority Initiative Site :	Not reported

THE MERIDEN RECORD CO. (Continued) **S104254260**

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	
Referral Id:	829
Source of referral:	ISWS
Date received:	05/18/1990
Staff assigned:	Not reported
Remediation program:	Not reported
Date assigned:	/ /
Date copmleted:	/ /
Outcome:	Not reported
Remedial	
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 assigned :	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
Orders	
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
Admin Appeal Ruling :	Not reported
Date of Admin Appeal Ruling :	Not reported
Date of Final Order :	Not reported
Date of Court Appeal :	Not reported
Court ruling :	Not reported
Date of Court Ruling :	Not reported
Date Order Modified :	Not reported
Date Order Revoked :	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

THE MERIDEN RECORD CO. (Continued) **S104254260**

Comments : Not reported

G31 SW 1/8-1/4 1176 ft. Higher

RECORD JOURNAL PUBLISHING CO
11 CROWN ST
MERIDEN, CT 06450

RCRIS-SQG 1000247982
FINDS CTD001146422

Site 2 of 2 in cluster G

RCRIS:
Owner: Not reported
EPA ID: CTD001146422
Contact: DAVID-T LUCEY
(203) 235-1661
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 262.11
Area of Violation: HAZARDOUS WASTE DETERMINATIONS
Date Violation Determined: 07/23/1996
Actual Date Achieved Compliance: 06/06/1997

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	HAZARDOUS WASTE DETERMINATIONS	19970606

CT MANIFEST
Additional detail is available in CT MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

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32 East 1/8-1/4 1183 ft. Higher

C R C CHROME CORP
169R PRATT ST
MERIDEN, CT 06450

RCRIS-SQG 1001111848
FINDS CTR000003087

RCRIS:
Owner: FRANK CIARCIA
(203) 630-1008
EPA ID: CTR000003087
Contact: MICHAEL CIARCIA
(203) 630-1008
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

C R C CHROME CORP (Continued) **1001111848**

Violation Status: Violations exist

Regulation Violated: 265.50 265.56
Area of Violation: CONTINGENCY PLAN
Date Violation Determined: 03/20/1996
Actual Date Achieved Compliance: 02/27/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/20/1996
Penalty Type: Not reported

Regulation Violated: 262.12(a)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 03/20/1996
Actual Date Achieved Compliance: 02/27/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/20/1996
Penalty Type: Not reported

Regulation Violated: 262.11
Area of Violation: HAZARDOUS WASTE DETERMINATIONS
Date Violation Determined: 03/20/1996
Actual Date Achieved Compliance: 02/27/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/20/1996
Penalty Type: Not reported

Regulation Violated: 265.15(b)(1)
Area of Violation: GENERATOR INSPECTION SCHEDULE & LOG
Date Violation Determined: 03/20/1996
Actual Date Achieved Compliance: 02/27/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/20/1996
Penalty Type: Not reported

Regulation Violated: 22a-449(c)-102(b)(2)
Area of Violation: GENERATOR INSPECTION SCHEDULE & LOG
Date Violation Determined: 03/20/1996
Actual Date Achieved Compliance: 02/27/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/20/1996
Penalty Type: Not reported

Regulation Violated: 262.34(a)(3)
Area of Violation: CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER
Date Violation Determined: 03/20/1996
Actual Date Achieved Compliance: 02/27/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/20/1996
Penalty Type: Not reported

Regulation Violated: 22a-449(c)-102(a)(2)(C)
Area of Violation: CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER
Date Violation Determined: 03/20/1996
Actual Date Achieved Compliance: 02/27/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/20/1996
Penalty Type: Not reported

C R C CHROME CORP (Continued) **1001111848**

Regulation Violated: 22a-449(c)-102(a)(2)(B)
Area of Violation: CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER
Date Violation Determined: 03/20/1996
Actual Date Achieved Compliance: 02/27/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/20/1996
Penalty Type: Not reported

Regulation Violated: 262.34(a)(2)
Area of Violation: CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER
Date Violation Determined: 03/20/1996
Actual Date Achieved Compliance: 02/27/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/20/1996
Penalty Type: Not reported

Regulation Violated: 22a-449(c)-102(a)(2)(G)
Area of Violation: CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER
Date Violation Determined: 03/20/1996
Actual Date Achieved Compliance: 02/27/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/20/1996
Penalty Type: Not reported

Regulation Violated: 262.34(a)(4)
Area of Violation: PREPARDNESS AND PREVENTION
Date Violation Determined: 03/20/1996
Actual Date Achieved Compliance: 02/27/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/20/1996
Penalty Type: Not reported

Regulation Violated: 262.34(a)(4)
Area of Violation: PERSONNEL TRAINING RECORDS
Date Violation Determined: 03/20/1996
Actual Date Achieved Compliance: 02/27/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/20/1996
Penalty Type: Not reported

There are 12 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Other Evaluation	CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER	19980227
Other Evaluation	CONTINGENCY PLAN	19980227
	GENERATOR-GENERAL REQUIREMENTS	19980227
	HAZARDOUS WASTE DETERMINATIONS	19980227
	GENERATOR INSPECTION SCHEDULE & LOG	19980227
	GENERATOR INSPECTION SCHEDULE & LOG	19980227
	CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER	19980227
	CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER	19980227
	CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER	19980227
	CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER	19980227
	CONTAINER MGT=SAT'LITE ACCUMS/CONTAINER	19980227
	PREPARDNESS AND PREVENTION	19980227
	PERSONNEL TRAINING RECORDS	19980227

CT MANIFEST
Additional detail is available in CT MANIFEST. Please contact your EDR Account Executive for more information.

C R C CHROME CORP (Continued) **1001111848**

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

H33 SSE 1/8-1/4 1198 ft. Higher — **CURTIS MEMORIAL LIBRARY**, **EAST MAIN ST.**, **MERIDEN, CT 06450** — **UST** — **U002029572**, **N/A**

Site 1 of 5 in cluster H

UST:

Facility Id:	7060
Tank ID:	1.00000
Alt. Facility ID:	80-7060
Alt. Tank ID:	A1
Tank Status:	Permanently Out of Use
Capacity:	2000.00000
Substance:	Gasoline
Closure Status:	Tank closed in place
Date Installed:	01/01/1950
Date Last Used:	01/01/1981
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERIDEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	4.00000˚ 13.00000´ 27.00000˝ / 72.00000˚ 47.00000´ 51.00000˝

H34 SSE 1/8-1/4 1198 ft. Higher — **CEDARWOOD VALLEY PUMP STATION**, **CEDARWOOD DR.**, **MERIDEN, CT 06450** — **UST** — **U002173463**, **N/A**

Site 2 of 5 in cluster H

CEDARWOOD VALLEY PUMP STATION (Continued) **U002173463**

UST:

Facility Id:	3692
Tank ID:	1.00000
Alt. Facility ID:	80-3692
Alt. Tank ID:	CV1
Tank Status:	Permanently Out of Use
Capacity:	5000.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	06/01/1977
Date Last Used:	02/01/2000
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERIDEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000˚ 30.00000´ 21.00000˝ / 7.00000˚ 24.00000´ 0.00000˝

H35
SSE
1/8-1/4
1198 ft.
Higher

MERIDEN WATER POLLUTION CONTROL FACILITY
EVANSVILLE RD.
MERIDEN, CT 06450

UST **U002173471**
SDADB **N/A**

Site 3 of 5 in cluster H

Site Discovery and Assessment:

Facility ID:	1433
WPC Number :	Not reported
Lat/Long :	Not reported
Lat/Long Determined By :	Not reported
Waste Type 1 :	Not reported
Waste Type 2 :	Not reported
Waste Type 3 :	Not reported
Disposal 1 :	Not reported
Disposal 2 :	Not reported
Disposal 3 :	Not reported
Sample Data Available :	False
Ground Water Quality Classification :	Not reported
Surface Water Quality Classification :	Not reported
PTP Id:	Not reported
Postal District:	Not reported
Lat/Lon:	Not reported
Updated By:	DORAN, E.
Update Program:	CORE
Updated:	2/5/1993
Duplicate:	False
Comments:	
Federal	
EPA CERCLIS Id :	Not reported
Number EPA RCRIS Id :	Not reported
Site on EPA's CERCLIS :	Not reported
Site Archived from CERCLIS :	Not reported
Date of archive :	Not reported
EPA's Removal at Site :	Not reported
Deferred to another EPA Program :	Not reported

MERIDEN WATER POLLUTION CONTROL FACILITY (Continued) **U002173471**

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	
Referral Id:	1340
Source of referral:	SPILLS
Date received:	01/08/1993
Staff assigned:	DORAN, E.
Remediation program:	CORE
Date assigned:	/ /
Date copmleted:	02/09/1993
Outcome:	WATER
Remedial	
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 assigned :	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
Orders	
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
Admin Appeal Ruling :	Not reported
Date of Admin Appeal Ruling :	Not reported
Date of Final Order :	Not reported
Date of Court Appeal :	Not reported
Court ruling :	Not reported
Date of Court Ruling :	Not reported
Date Order Modified :	Not reported
Date Order Revoked :	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

MERIDEN WATER POLLUTION CONTROL FACILITY (Continued) **U002173471**

In compliance : Not reported
Comments : Not reported

UST:

Facility Id:	3709
Tank ID:	3.00000
Alt. Facility ID:	80-3709
Alt. Tank ID:	SB1
Tank Status:	Permanently Out of Use
Capacity:	2500.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	05/01/1983
Date Last Used:	02/01/2000
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERIDEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000° 30.00000′ 46.00000″ / 72.00000° 49.00000′ 41.00000″

Facility Id:	3709
Tank ID:	1.00000
Alt. Facility ID:	80-3709
Alt. Tank ID:	AB1
Tank Status:	Permanently Out of Use
Capacity:	2000.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	05/01/1983
Date Last Used:	11/01/1997
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	Excavation Liner
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERIDEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000° 30.00000′ 46.00000″ / 72.00000° 49.00000′ 41.00000″

MERIDEN WATER POLLUTION CONTROL FACILITY (Continued) **U002173471**

Facility Id:	3709
Tank ID:	8.00000
Alt. Facility ID:	80-3709
Alt. Tank ID:	A1
Tank Status:	Permanently Out of Use
Capacity:	2000.00000
Substance:	Heating Oil
Closure Status:	Tank removed from ground
Date Installed:	01/01/1989
Date Last Used:	06/01/2000
Tank Material:	Fiberglass Reinforced Plastic
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERIDEN
	142 EAST MAIN ST.
	Meriden, CT 06450
Lat/Long:	41.00000° 30.00000´ 46.00000˝ / 72.00000° 49.00000´ 41.00000˝

Facility Id:	3709
Tank ID:	7.00000
Alt. Facility ID:	80-3709
Alt. Tank ID:	HB1
Tank Status:	Currently In Use
Capacity:	2000.00000
Substance:	Diesel
Closure Status:	Not reported
Date Installed:	01/01/1971
Date Last Used:	/ /
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERIDEN
	142 EAST MAIN ST.
	Meriden, CT 06450
Lat/Long:	41.00000° 30.00000´ 46.00000˝ / 72.00000° 49.00000´ 41.00000˝

MERIDEN WATER POLLUTION CONTROL FACILITY (Continued) **U002173471**

Facility Id:	3709
Tank ID:	6.00000
Alt. Facility ID:	80-3709
Alt. Tank ID:	CB2
Tank Status:	Currently In Use
Capacity:	1000.00000
Substance:	Diesel
Closure Status:	Not reported
Date Installed:	05/01/1983
Date Last Used:	/ /
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERIDEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000° 30.00000′ 46.00000″ / 72.00000° 49.00000′ 41.00000″

Facility Id:	3709
Tank ID:	5.00000
Alt. Facility ID:	80-3709
Alt. Tank ID:	CB1
Tank Status:	Currently In Use
Capacity:	500.00000
Substance:	Heating Oil
Closure Status:	Not reported
Date Installed:	05/01/1983
Date Last Used:	/ /
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERIDEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000° 30.00000′ 46.00000″ / 72.00000° 49.00000′ 41.00000″

MERIDEN WATER POLLUTION CONTROL FACILITY (Continued) **U002173471**

Facility Id:	3709
Tank ID:	2.00000
Alt. Facility ID:	80-3709
Alt. Tank ID:	BB1
Tank Status:	Permanently Out of Use
Capacity:	5000.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	05/01/1982
Date Last Used:	12/01/1999
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERIDEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000° 30.00000′ 46.00000″ / 72.00000° 49.00000′ 41.00000″

Facility Id:	3709
Tank ID:	4.00000
Alt. Facility ID:	80-3709
Alt. Tank ID:	IB1
Tank Status:	Currently In Use
Capacity:	1500.00000
Substance:	Diesel
Closure Status:	Not reported
Date Installed:	05/01/1982
Date Last Used:	/ /
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERIDEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000° 30.00000′ 46.00000″ / 72.00000° 49.00000′ 41.00000″

H36 **LANDFILL** **UST** **U002029579**
SSE **EVANSVILLE AVE.** **N/A**
1/8-1/4 **MERIDEN, CT 06450**
1198 ft.
Higher **Site 4 of 5 in cluster H**

LANDFILL (Continued) — **U002029579**

UST:

Facility Id:	7076
Tank ID:	1.00000
Alt. Facility ID:	80-7076
Alt. Tank ID:	A1
Tank Status:	Permanently Out of Use
Capacity:	5000.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	01/01/1982
Date Last Used:	08/01/2000
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERIDEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000° 30.00000′ 36.00000″ / 72.00000° 49.00000′ 38.00000″

H37
SSE
1/8-1/4
1198 ft.
Higher

JEFFERSON MIDDLE SCHOOL
190 CENTER ST
MERIDEN, CT 06450

UST — **U002175255**
N/A

Site 5 of 5 in cluster H

UST:

Facility Id:	7051
Tank ID:	1.00000
Alt. Facility ID:	80-7051
Alt. Tank ID:	A1
Tank Status:	Temporarily Out of Use
Capacity:	10000.00000
Substance:	Heating Oil
Closure Status:	Not reported
Date Installed:	01/01/1950
Date Last Used:	07/01/1984
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	CITY OF MERIDEN 142 EAST MAIN ST. Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 20.00000″ / 72.00000° 47.00000′ 40.00000″

38
SW
1/8-1/4
1216 ft.
Higher

RADIO FREQUENCY SYSTEMS
1 STATE ST
MERIDEN, CT 06450

RCRIS-SQG — **1000162963**
FINDS — **CTD980909295**

RADIO FREQUENCY SYSTEMS (Continued) **1000162963**

RCRIS:
Owner: RADIO FREQUENCY SYSTEMS
(203) 630-3311
EPA ID: CTD980909295
Contact: DAVID GELPKE
(203) 238-2351
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.
CT MANIFEST
Additional detail is available in CT MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

I39 East 1/8-1/4 1279 ft. Higher

K&D MACHINE SERVICES
197 PRATT ST.
MERIDEN, CT 06450

UST U003540677
N/A

Site 1 of 2 in cluster I

UST:
Facility Id: 4012
Tank ID: 1.00000
Alt. Facility ID: 80-4012
Alt. Tank ID: A1
Tank Status: Permanently Out of Use
Capacity: 3000.00000
Substance: Gasoline
Closure Status: Removed
Date Installed: 01/01/1950
Date Last Used: 01/01/1950
Tank Material: Asphalt Coated or Bare Steel
2ndary Material: None
Pipe Material: Unknown
2ndary Material: None
Spill Installed: False
Overfill Installed: False
Owner: DANIEL ROBERTS
11 LESLIE DRIVE
Meriden, CT 06450
Lat/Long: 41.00000° 32.00000′ 26.00000″ / 72.00000° 47.00000′ 48.00000″

K&D MACHINE SERVICES (Continued) **U003540677**

Facility Id:	4012
Tank ID:	4.00000
Alt. Facility ID:	80-4012
Alt. Tank ID:	C4
Tank Status:	Permanently Out of Use
Capacity:	4000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	01/01/1950
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Unknown
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	DANIEL ROBERTS 11 LESLIE DRIVE Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 26.00000″ / 72.00000° 47.00000′ 48.00000″

Facility Id:	4012
Tank ID:	2.00000
Alt. Facility ID:	80-4012
Alt. Tank ID:	A2
Tank Status:	Permanently Out of Use
Capacity:	2000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	01/01/1950
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Unknown
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	DANIEL ROBERTS 11 LESLIE DRIVE Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 26.00000″ / 72.00000° 47.00000′ 48.00000″

K&D MACHINE SERVICES (Continued) **U003540677**

Facility Id:	4012
Tank ID:	3.00000
Alt. Facility ID:	80-4012
Alt. Tank ID:	B3
Tank Status:	Permanently Out of Use
Capacity:	4000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	01/01/1950
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Unknown
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	DANIEL ROBERTS 11 LESLIE DRIVE Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 26.00000″ / 72.00000° 47.00000′ 48.00000″

I40 East 1/8-1/4 1279 ft. Higher **K&D MACHINE SERVICES** **UST** **U003540838**
197 PRATT ST. **N/A**
MERIDEN, CT 06450

Site 2 of 2 in cluster I

UST:

Facility Id:	7033
Tank ID:	4.00000
Alt. Facility ID:	80-7033
Alt. Tank ID:	C4
Tank Status:	Permanently Out of Use
Capacity:	4000.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	01/01/1950
Date Last Used:	08/01/1984
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Not Listed
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	DANIEL ROBERTS 11 LESLIE DRIVE Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 27.00000″ / 72.00000° 47.00000′ 36.00000″

K&D MACHINE SERVICES (Continued) **U003540838**

Facility Id:	7033
Tank ID:	3.00000
Alt. Facility ID:	80-7033
Alt. Tank ID:	B3
Tank Status:	Permanently Out of Use
Capacity:	4000.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	01/01/1950
Date Last Used:	08/01/1984
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Not Listed
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	DANIEL ROBERTS 11 LESLIE DRIVE Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 27.00000″ / 72.00000° 47.00000′ 36.00000″

Facility Id:	7033
Tank ID:	1.00000
Alt. Facility ID:	80-7033
Alt. Tank ID:	A1
Tank Status:	Permanently Out of Use
Capacity:	3000.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	01/01/1950
Date Last Used:	08/01/1984
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Not Listed
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	DANIEL ROBERTS 11 LESLIE DRIVE Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 27.00000″ / 72.00000° 47.00000′ 36.00000″

K&D MACHINE SERVICES (Continued) **U003540838**

Facility Id:	7033
Tank ID:	2.00000
Alt. Facility ID:	80-7033
Alt. Tank ID:	A2
Tank Status:	Permanently Out of Use
Capacity:	2000.00000
Substance:	Gasoline
Closure Status:	Tank removed from ground
Date Installed:	01/01/1950
Date Last Used:	08/01/1984
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Not Listed
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	DANIEL ROBERTS 11 LESLIE DRIVE Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 27.00000″ / 72.00000° 47.00000′ 36.00000″

J41 **NATHAN HALE SCHOOL** **UST** **U002026343**
SSE **ATKINS STREET** **N/A**
1/8-1/4 **MERIDEN, CT 06450**
1284 ft.
Higher **Site 1 of 5 in cluster J**

UST:

Facility Id:	4427
Tank ID:	2.00000
Alt. Facility ID:	80-4427
Alt. Tank ID:	A6R1
Tank Status:	Currently In Use
Capacity:	10000.00000
Substance:	Heating Oil
Closure Status:	Not reported
Date Installed:	08/01/1989
Date Last Used:	/ /
Tank Material:	Unknown
2ndary Material:	None
Pipe Material:	Other
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	MERIDEN BOARD OF EDUCATION 22 LIBERTY STREET Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 34.00000″ / 72.00000° 46.00000′ 26.00000″

NATHAN HALE SCHOOL (Continued) **U002026343**

Facility Id:	4427
Tank ID:	1.00000
Alt. Facility ID:	80-4427
Alt. Tank ID:	A6
Tank Status:	Permanently Out of Use
Capacity:	8300.00000
Substance:	Heating Oil
Closure Status:	Removed
Date Installed:	01/01/1956
Date Last Used:	08/01/1989
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	MERIDEN BOARD OF EDUCATION 22 LIBERTY STREET Meriden, CT 06450
Lat/Long:	41.00000° 32.00000′ 34.00000″ / 72.00000° 46.00000′ 26.00000″

J42
SSE
1/8-1/4
1284 ft.
Higher

ISRAEL PUTNAM SCHOOL
PARKER AVENUE
MERIDEN, CT 06450

UST **U003540707**
N/A

Site 2 of 5 in cluster J

UST:

Facility Id:	4421
Tank ID:	2.00000
Alt. Facility ID:	80-4421
Alt. Tank ID:	A9R1
Tank Status:	Currently In Use
Capacity:	10000.00000
Substance:	Heating Oil
Closure Status:	Not reported
Date Installed:	09/01/1989
Date Last Used:	/ /
Tank Material:	Unknown
2ndary Material:	None
Pipe Material:	Other
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	MERIDEN BOARD OF EDUCATION 22 LIBERTY STREET Meriden, CT 06450
Lat/Long:	41.00000° 31.00000′ 48.00000″ / 72.00000° 47.00000′ 34.00000″

ISRAEL PUTNAM SCHOOL (Continued) **U003540707**

Facility Id:	4421
Tank ID:	3.00000
Alt. Facility ID:	80-4421
Alt. Tank ID:	B10
Tank Status:	Permanently Out of Use
Capacity:	1000.00000
Substance:	Heating Oil
Closure Status:	Removed
Date Installed:	01/01/1951
Date Last Used:	07/01/1983
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	MERIDEN BOARD OF EDUCATION 22 LIBERTY STREET Meriden, CT 06450
Lat/Long:	41.00000° 31.00000′ 48.00000″ / 72.00000° 47.00000′ 34.00000″

Facility Id:	4421
Tank ID:	1.00000
Alt. Facility ID:	80-4421
Alt. Tank ID:	A9
Tank Status:	Permanently Out of Use
Capacity:	10000.00000
Substance:	Heating Oil
Closure Status:	Removed
Date Installed:	01/01/1951
Date Last Used:	09/01/1989
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	MERIDEN BOARD OF EDUCATION 22 LIBERTY STREET Meriden, CT 06450
Lat/Long:	41.00000° 31.00000′ 48.00000″ / 72.00000° 47.00000′ 34.00000″

J43 **ROGER SHERMAN SCHOOL** **UST** **U003540706**
SSE **NORTH PEARL STREET** **N/A**
1/8-1/4 **MERIDEN, CT 06450**
1284 ft.
Higher **Site 3 of 5 in cluster J**

ROGER SHERMAN SCHOOL (Continued) **U003540706**

UST:

Facility Id:	4415
Tank ID:	1.00000
Alt. Facility ID:	80-4415
Alt. Tank ID:	A11
Tank Status:	Permanently Out of Use
Capacity:	10000.00000
Substance:	Heating Oil
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	09/01/1989
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	MERIDEN BOARD OF EDUCATION 22 LIBERTY STREET Meriden, CT 06450
Lat/Long:	41.00000° 31.00000′ 43.00000″ / 72.00000° 48.00000′ 20.00000″

Facility Id:	4415
Tank ID:	2.00000
Alt. Facility ID:	80-4415
Alt. Tank ID:	A11R1
Tank Status:	Currently In Use
Capacity:	10000.00000
Substance:	Heating Oil
Closure Status:	Not reported
Date Installed:	10/01/1989
Date Last Used:	/ /
Tank Material:	Unknown
2ndary Material:	None
Pipe Material:	Other
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	MERIDEN BOARD OF EDUCATION 22 LIBERTY STREET Meriden, CT 06450
Lat/Long:	41.00000° 31.00000′ 43.00000″ / 72.00000° 48.00000′ 20.00000″

J44 **THOMAS HOOKER SCHOOL** **UST** **U003518366**
SSE **OVERLOOK ROAD** **N/A**
1/8-1/4 **MERIDEN, CT 06450**
1284 ft.
Higher **Site 4 of 5 in cluster J**

THOMAS HOOKER SCHOOL (Continued) **U003518366**

UST:

Facility Id:	4428
Tank ID:	1.00000
Alt. Facility ID:	80-4428
Alt. Tank ID:	A7
Tank Status:	Permanently Out of Use
Capacity:	7500.00000
Substance:	Heating Oil
Closure Status:	Tank removed from ground
Date Installed:	01/01/1963
Date Last Used:	11/01/1998
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	MERIDEN BOARD OF EDUCATION 22 LIBERTY STREET Meriden, CT 06450
Lat/Long:	4.00000˚ 13.00000´ 14.00000˝ / 72.00000˚ 46.00000´ 46.00000˝

Facility Id:	4428
Tank ID:	2.00000
Alt. Facility ID:	80-4428
Alt. Tank ID:	AR-7
Tank Status:	Currently In Use
Capacity:	10000.00000
Substance:	Heating Oil
Closure Status:	Not reported
Date Installed:	11/01/1998
Date Last Used:	/ /
Tank Material:	Fiberglass Reinforced Plastic
2ndary Material:	Double-Walled
Pipe Material:	Copper
2ndary Material:	Secondary Containment
Spill Installed:	True
Overfill Installed:	True
Owner:	MERIDEN BOARD OF EDUCATION 22 LIBERTY STREET Meriden, CT 06450
Lat/Long:	4.00000˚ 13.00000´ 14.00000˝ / 72.00000˚ 46.00000´ 46.00000˝

J45 **ADMINISTRATION BUILDING** **UST** **U002173832**
SSE **22 LIBERTY ST.** **N/A**
1/8-1/4 **MERIDEN, CT 06450**
1288 ft.
Higher **Site 5 of 5 in cluster J**

ADMINISTRATION BUILDING (Continued) **U002173832**

UST:

Facility Id:	4416
Tank ID:	1.00000
Alt. Facility ID:	80-4416
Alt. Tank ID:	A12
Tank Status:	Currently In Use
Capacity:	2000.00000
Substance:	Heating Oil
Closure Status:	Not reported
Date Installed:	01/01/1985
Date Last Used:	/ /
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	MERIDEN BOARD OF EDUCATION 22 LIBERTY STREET Meriden, CT 06450
Lat/Long:	41.00000˚ 32.00000´ 14.00000˝ / 72.00000˚ 47.00000´ 52.00000˝

---

46 SW 1/8-1/4 1295 ft. Higher

MERIDEN REDEVELOPMENT
13 SOUTH COLONY STREET
MERIDEN, CT 06450

UST **U003540219**
N/A

UST:

Facility Id:	10560
Tank ID:	1.00000
Alt. Facility ID:	80-10560
Alt. Tank ID:	A1
Tank Status:	Permanently Out of Use
Capacity:	2000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	07/01/1991
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	MERIDEN REDEVELOPMENT 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000˚ 32.00000´ 16.00000˝ / 72.00000˚ 48.00000´ 13.00000˝

---

47 North 1/4-1/2 1324 ft. Higher

GETTY PETROLEUM
213 COLONY STREET
MERIDEN, CT

CT PROPERTY SDADB **S104188031**
N/A

CT Property:

Date Recieved:	10/30/1991

GETTY PETROLEUM (Continued) **S104188031**

Property Transfer Forms: Form III (DEP-PERD-PTP-203) when a discharge, spillage, uncontrolled loss, seepage or filtration of hazardous waste has occurred at the parcel that has not been fully remediated or the environmental conditions at the parcel are unknown. The person signing the Form III certification agrees to investigate and remediate the site in accordance with the remediation standards. The statute does not require completion of remediation before the parcel is transferred. Any person submitting a Form III shall simultaneously submit a completed Environmental Condition Assessment Form (ECAF)(DEP-PERD-PTP-200).

Seller Name :	Getty Petroleum Corp
Buyer Name :	Raymond G. Brookes
Certifying Party :	Getty Petroleum Corp.
Certifying Attention Person :	Not reported
Title Of Certifying Person :	Not reported
Certifying Person Address :	Not reported
	Not reported
Ackn Date :	11/27/1991
Determination Date :	Not reported
LEP Verified/DEP Approval Date :	Not reported

Site Discovery and Assessment:

Facility ID:	4457
WPC Number :	Not reported
Lat/Long :	Not reported
Lat/Long Determined By :	Not reported
Waste Type 1 :	Not reported
Waste Type 2 :	Not reported
Waste Type 3 :	Not reported
Disposal 1 :	Not reported
Disposal 2 :	Not reported
Disposal 3 :	Not reported
Sample Data Available :	False
Ground Water Quality Classification :	Not reported
Surface Water Quality Classification :	Not reported
PTP Id:	948
Postal District:	Not reported
Lat/Lon:	Not reported
Updated By:	Not reported
Update Program:	Not reported
Updated:	Not reported
Duplicate:	False
Comments:	
Federal	
EPA CERCLIS Id :	Not reported
Number EPA RCRIS Id :	Not reported
Site on EPA's CERCLIS :	Not reported
Site Archived from CERCLIS :	Not reported
Date of archive :	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	
Referral Id:	4615

GETTY PETROLEUM (Continued) **S104188031**

Source of referral:	PTP
Date received:	10/30/1991
Staff assigned:	Not reported
Remediation program:	PTP
Date assigned:	/ /
Date copmleted:	10/30/1991
Outcome:	PTP
Remedial	
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 assigned :	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
Orders	
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
Admin Appeal Ruling :	Not reported
Date of Admin Appeal Ruling :	Not reported
Date of Final Order :	Not reported
Date of Court Appeal :	Not reported
Court ruling :	Not reported
Date of Court Ruling :	Not reported
Date Order Modified :	Not reported
Date Order Revoked :	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
Comments :	Not reported

48
WSW
1/4-1/2
1328 ft.
Higher

MERIDEN SENIOR CENTER
22 WEST MAIN ST.
MERIDEN, CT

LUST **S105456147**
N/A

MERIDEN SENIOR CENTER (Continued) **S105456147**

LUST:

Computer Generated # :	402
Enforcement Data Together :	401
LUST ID :	402
Spill Case # Without Dash :	7058
Spill Case # With Dash :	7058
Referral Made :	False
Spill Date :	01/13/1989
Emergency Stated by Program :	False
Heating Fuel :	False
Commercial HF Unk :	False
Commercial Hf > 2100 Gals :	False
Commercial Hf < 2100 Gals :	False
Motor Fuel :	False
Waste :	False
Site Id Number :	0
Owner Id Number :	0
Entry Date :	Not reported
Comments :	Not reported
Case Log Inspections	
Case Log ID:	Not reported
Inspection Date:	Not reported
Work Performed :	
Case Log	
Old ID:	Not reported
Spill Case #:	Not reported
UST ID # :	Not reported
Contact :	Not reported
Environmental Impact :	Not reported
Referred To LUST Program By:	Not reported
Date Referred :	Not reported
Work Performed :	Not reported
Date LUST Prgrm On Site First Time:	Not reported
Subsequent Dates :	Not reported
Status :	Not reported
Release Information	
UST Event ID:	Not reported
Substance:	Not reported
Source:	Not reported
Comments :	Not reported
Tank Information	
UST Event ID:	401
Facility ID:	7058
Tank ID:	1
Comments :	TankID 1: Tank Release; Pipe Release; Uncontrolled release from UST; Type/Gal: STEEL/2000; Substance: HF2;

49
ESE
1/4-1/2
1661 ft.
Higher

99 CENTER ST.
MERIDEN, CT

LUST **S105079313**
CT Spills **N/A**

LUST:

Computer Generated # :	397
Enforcement Data Together :	396
LUST ID :	397
Spill Case # Without Dash :	0807188

(Continued) **S105079313**

Spill Case # With Dash : 807188
Referral Made : False
Spill Date : 10/05/1988
Emergency Stated by Program : False
Heating Fuel : False
Commercial HF Unk : False
Commercial Hf > 2100 Gals : False
Commercial Hf < 2100 Gals : False
Motor Fuel : False
Waste : False
Site Id Number : 0
Owner Id Number : 0
Entry Date : Not reported
Comments : Not reported
Case Log Inspections
Case Log ID: Not reported
Inspection Date: Not reported
Work Performed :
Case Log
Old ID: Not reported
Spill Case #: Not reported
UST ID # : Not reported
Contact : Not reported
Environmental Impact : Not reported
Referred To LUST Program By: Not reported
Date Referred : Not reported
Work Performed : Not reported
Date LUST Prgrm On Site First Time: Not reported
Subsequent Dates : Not reported
Status : Not reported
Release Information
UST Event ID: Not reported
Substance: Not reported
Source: Not reported
Comments : Not reported
Tank Information
UST Event ID: 396
Facility ID: 7188
Tank ID: 1
Comments : TankID 1: UST Removed; Type/Gal: STEEL/UNKNOWN; Substance: OIL/WATER; Referral: WCU;
UST Event ID: 396
Facility ID: 7188
Tank ID: 2
Comments : Not reported

SPILL:

Case Number:	200102442	OCSRD Inspector:	Not reported
Year of Database:	2001	Town of Spill:	Not reported
Report Date:	4/17/01 0:00:00	Reported By:	joe tokarski
Work Telephone:	Not reported	Home Telephone:	Not reported
Representing:	miller co.		
Telephone Pole#:	Not reported		
Incident Type:	Not reported		
Substance:	Not reported		
Qty (Gallon):	<20	Qty (Yard):	0
Qty (Pound):	0	Qty (Drum):	0
Qty (Feet):	0	Concentration:	Not reported

(Continued) **S105079313**

CERCLA:	Not reported		
SARA 304 Rel:	Not reported	SARA Haz Sub:	Not reported
Cross Property:	Not reported	Protective Actions:	Not reported
Action Desc:	Not reported		
Qty Reported:	Not reported	Total (Pound):	Not reported
Spill Date:	4/17/01 0:00:00	Spill Time:	Not reported
On Going:	Not reported	Continuous Spill:	Not reported
Release Status:	Terminated		
Misc Info:	Not reported		
Water Body:	na		
Other Media:	Not reported		
Release Area:	Not reported		
Total (Water):	0	Recovd (Water):	Not reported
Recovd (Total)::	~20	Dun & Bradst#:	Not reported
Polluter:	Not reported		
Polluter Phone:	Not reported		
Financial Responsibility:	Not reported		
Unknown Responsibility:	Not reported		
Unknown Polluter:	Not reported		
Cleanup Contractor:	Not reported		
Contractor Name:	Not reported		
Did DEP Hire Contractor:	Not reported		
Date Contractor Hired:	Not reported		
When Contractor Requested:	Not reported		
When Contractor Arrived:	Not reported		
Who Took Spill:	915- CAPUANO, MIKE		
Badge # of Who Recieved Spill:	Not reported		
Who Assigned Spill:	Not reported		
Badge # of Who Assigned Spill:	Not reported		
Date Assigned:	Not reported		
Spill Status:	Not reported		
Facility Status:	Closed		
Emergency Measure:	contractor retained [united industrial ser.] , soil removal.		
Cleanup Action:	Not reported		
UST Unit:	Not reported		
Agency Notified:	Not reported		
Other Agency:	Not reported	Notify Other:	Not reported
State Agency:	Not reported	Notify Date:	Not reported
Discharge Class:	Not reported		
Other Class:	Not reported		
Cause:	Not reported		
Other Cause:	Not reported		
Actions:	Not reported		
Other Actions:	Not reported		
Notify Status:	Not reported	Case 1136:	Not reported
Case #1:	Not reported	Case #2:	Not reported
Federal 311K:	Not reported	Cost Recovery:	Not reported
Property Owner:	Not reported		
Property Other:	Not reported		
Property Name:	Not reported		
Property Addr:	Not reported		
Polluter:	Not reported		
Owner:	Not reported		
Operator:	Not reported		
Vehicle:	Not reported		
Truck Reg:	Not reported	Trail Reg:	Not reported
Updated:	Not reported	Update Date:	Not reported

(Continued) **S105079313**

Assigned To: 0- NO RESPONSE
Lat/Long: Not reported
Add Info: Not reported
Discharger: s.a.a. Telephone: (203)639-6957
Responsible Party: YES
Released Substance: MINERAL OIL
RP Address: s.a.a.
MERIDEN, CT 06450
Corrective Action: Contracted
Soil Removed
Agency Notified: Not reported
Cause of Incident: Overfill
Media: Ground Surface
Inside Building
Release Class: Industrial
Release Type: Dielect
Waterbody: NA

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50 ENE 1/4-1/2 1749 ft. Higher | **KINGS CLEANERS & LAUNDRY CENTER**
326 CENTER STREET
MERIDEN, CT | **SDADB** | **S104254225**
N/A

Site Discovery and Assessment:

Facility ID:	2996
WPC Number :	Not reported
Lat/Long :	Not reported
Lat/Long Determined By :	Not reported
Waste Type 1 :	Chlorinated Volatile Organic Compounds
Waste Type 2 :	Not reported
Waste Type 3 :	Not reported
Disposal 1 :	SPILL/DUMP
Disposal 2 :	Not reported
Disposal 3 :	Not reported
Sample Data Available :	True
Ground Water Quality Classification :	GB
Surface Water Quality Classification :	B
PTP Id:	Not reported
Postal District:	Not reported
Lat/Lon:	Not reported
Updated By:	HAMEL, M.
Update Program:	PTP
Updated:	4/2/2000
Duplicate:	False
Comments:	ADDRESS ALSO GIVEN AS 142-144 CAMP ST (4/00)

Federal

EPA CERCLIS Id :	Not reported
Number EPA RCRIS Id :	Not reported
Site on EPA's CERCLIS :	Not reported
Site Archived from CERCLIS :	Not reported
Date of archive :	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

KINGS CLEANERS & LAUNDRY CENTER (Continued) **S104254225**

RCRA Permit Status :	Not reported
Referral	
Referral Id:	2809
Source of referral:	PTP
Date received:	05/08/1997
Staff assigned:	HAMEL, M.
Remediation program:	PTP
Date assigned:	05/09/1997
Date copmleted:	07/30/1997
Outcome:	PTP
Remedial	
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 assigned :	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
Orders	
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
Admin Appeal Ruling :	Not reported
Date of Admin Appeal Ruling :	Not reported
Date of Final Order :	Not reported
Date of Court Appeal :	Not reported
Court ruling :	Not reported
Date of Court Ruling :	Not reported
Date Order Modified :	Not reported
Date Order Revoked :	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
Comments :	Not reported

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
51 WSW 1/4-1/2 2005 ft. Higher	**COLONIAL CUSTOM CLEANERS 9 BUTLER ST MERIDEN, CT 06450**	**RCRIS-SQG FINDS CT PROPERTY SDADB**	**1000842782 CTR000002410**

RCRIS:
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 22a-449(c)-102(a)
Area of Violation: HAZARDOUS WASTE DETERMINATIONS
Date Violation Determined: 05/14/1990
Actual Date Achieved Compliance: 07/07/1995

Enforcement Action: UNILATERAL ORDER, NO PENALTIES
Enforcement Action Date: 11/13/1990
Penalty Type: Final Monetary Penalty

Enforcement Action: CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date: 09/29/1992
Penalty Type: Final Monetary Penalty

Enforcement Action: STIPULATED JUDICIAL ORDER, WITH PENALTY
Enforcement Action Date: 10/07/1994
Penalty Type: Final Monetary Penalty

Regulation Violated: 22a-449(c)-102(a)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 05/14/1990
Actual Date Achieved Compliance: 07/07/1995

Enforcement Action: UNILATERAL ORDER, NO PENALTIES
Enforcement Action Date: 11/13/1990
Penalty Type: Final Monetary Penalty

Enforcement Action: CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date: 09/29/1992
Penalty Type: Final Monetary Penalty

Enforcement Action: STIPULATED JUDICIAL ORDER, WITH PENALTY
Enforcement Action Date: 10/07/1994
Penalty Type: Final Monetary Penalty

Regulation Violated: 22a-449(c)-102(a)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 05/14/1990
Actual Date Achieved Compliance: 07/07/1995

Enforcement Action: UNILATERAL ORDER, NO PENALTIES
Enforcement Action Date: 11/13/1990
Penalty Type: Final Monetary Penalty

Enforcement Action: CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date: 09/29/1992
Penalty Type: Final Monetary Penalty

Enforcement Action: STIPULATED JUDICIAL ORDER, WITH PENALTY
Enforcement Action Date: 10/07/1994
Penalty Type: Final Monetary Penalty

COLONIAL CUSTOM CLEANERS (Continued) **1000842782**

There are 3 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	HAZARDOUS WASTE DETERMINATIONS	19950707
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19950707
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19950707

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

CT Property:

Date Recieved:	01/11/1994
Property Transfer Forms:	Form III (DEP-PERD-PTP-203) when a discharge, spillage, uncontrolled loss, seepage or filtration of hazardous waste has occurred at the parcel that has not been fully remediated or the environmental conditions at the parcel are unknown. The person signing the Form III certification agrees to investigate and remediate the site in accordance with the remediation standards. The statute does not require completion of remediation before the parcel is transferred. Any person submitting a Form III shall simultaneously submit a completed Environmental Condition Assessment Form (ECAF)(DEP-PERD-PTP-200).
Seller Name :	Helen Rosen rep. of estat
Buyer Name :	City of Meriden
Certifying Party :	Not reported
Certifying Attention Person :	Not reported
Title Of Certifying Person :	Not reported
Certifying Person Address :	Not reported
	Not reported
Ackn Date :	/ /
Determination Date :	Not reported
LEP Verified/DEP Approval Date :	Not reported

Site Discovery and Assessment:

Facility ID:	937
WPC Number :	Not reported
Lat/Long :	Not reported
Lat/Long Determined By :	Not reported
Waste Type 1 :	OIL
Waste Type 2 :	PCE
Waste Type 3 :	Not reported
Disposal 1 :	SPILL/DUMP
Disposal 2 :	TO GROUND
Disposal 3 :	Not reported
Sample Data Available :	False
Ground Water Quality Classification :	Not reported
Surface Water Quality Classification :	Not reported
PTP Id:	Not reported
Postal District:	Not reported
Lat/Lon:	Not reported
Updated By:	Not reported
Update Program:	Not reported
Updated:	Not reported
Duplicate:	False
Comments:	SAME AS STATE ID 944 - COLONIAL CLEANERS. 944 DELETED 3/94

COLONIAL CUSTOM CLEANERS (Continued) **1000842782**

Federal

EPA CERCLIS Id :	Not reported
Number EPA RCRIS Id :	Not reported
Site on EPA's CERCLIS :	Not reported
Site Archived from CERCLIS :	Not reported
Date of archive :	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

Referral Id:	886
Source of referral:	SUPERFUND
Date received:	07/01/1990
Staff assigned:	Not reported
Remediation program:	Not reported
Date assigned:	/ /
Date copmleted:	/ /
Outcome:	Not reported

Referral

Referral Id:	3593
Source of referral:	RCRA
Date received:	08/31/1990
Staff assigned:	BOTTI, T.
Remediation program:	D&A
Date assigned:	08/31/1990
Date copmleted:	/ /
Outcome:	Not reported

Remedial

Remedial Id :	322
PTP Id :	942
Remediation Program :	III
Remediation Program Entered :	/ /
Staff Assigned :	HAMEL, M.
Remediation Program :	PTP
Date assigned :	Not reported
Project Phase :	A
Order issued :	False
Order Number :	Not reported
Date order issued :	/ /
Remedial Investigation Start :	Not reported
Remedial Investigation Completed :	/ /
Remedial Design Start :	Not reported
Remedial Design complet :	/ /
Remedial Action Start :	Not reported
Remedial Action Completed :	Not reported
Date Oper/ maintenance Started :	Not reported
GW monitoring :	False

Remediation complete Approved DEP/Verified by LEP :Not reported

Orders

Order Id :	Not reported
Order number :	Not reported
Date Order Issued :	Not reported

COLONIAL CUSTOM CLEANERS (Continued) **1000842782**

Staff assigned :	Not reported
Type of Order :	Not reported
Order Respondent :	Not reported
Admin Appeal Date :	Not reported
Admin Appeal Ruling :	Not reported
Date of Admin Appeal Ruling :	Not reported
Date of Final Order :	Not reported
Date of Court Appeal :	Not reported
Court ruling :	Not reported
Date of Court Ruling :	Not reported
Date Order Modified :	Not reported
Date Order Revoked :	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
Comments :	Not reported

Facility ID:	944
WPC Number :	Not reported
Lat/Long :	Not reported
Lat/Long Determined By :	Not reported
Waste Type 1 :	PCE
Waste Type 2 :	Not reported
Waste Type 3 :	Not reported
Disposal 1 :	SPILL/DUMP
Disposal 2 :	TO GROUND
Disposal 3 :	Not reported
Sample Data Available :	False
Ground Water Quality Classification :	Not reported
Surface Water Quality Classification :	Not reported
PTP Id:	Not reported
Postal District:	Not reported
Lat/Lon:	Not reported
Updated By:	Not reported
Update Program:	Not reported
Updated:	Not reported
Duplicate:	True
Comments:	SAME AS STATE ID 937 COLONIAL CLEANERS DELETED 3/94.

Federal

EPA CERCLIS Id :	Not reported
Number EPA RCRIS Id :	Not reported
Site on EPA's CERCLIS :	Not reported
Site Archived from CERCLIS :	Not reported
Date of archive :	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

Referral Id:	Not reported

COLONIAL CUSTOM CLEANERS (Continued) **1000842782**

Source of referral: Not reported
Date received: Not reported
Staff assigned: Not reported
Remediation program: Not reported
Date assigned: Not reported
Date copmleted: Not reported
Outcome: Not reported
Remedial
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 assigned : 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
Orders
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
Admin Appeal Ruling : Not reported
Date of Admin Appeal Ruling : Not reported
Date of Final Order : Not reported
Date of Court Appeal : Not reported
Court ruling : Not reported
Date of Court Ruling : Not reported
Date Order Modified : Not reported
Date Order Revoked : 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
Comments : Not reported

52
ENE
1/4-1/2
2019 ft.
Higher

MILLER CO.
COOLING/IND DISCHRG
, CT

LWDS **W991101626**
N/A

MILLER CO. (Continued) **W991101626**

LWDS:

ArcView Legend Symbology:	COOL&INDUS
Leachate and Wastewater Name:	COOLING/IND DISCHRG
Leachate and Wastewater Number:	5206008
Status of the Discharge Activity:	ACTIVE
Leachate and Waste Flow:	SURFACE
Feature Number on Hazardous Waste List:	0
Subregional Basin Feature Number:	5206
Name:	Miller Co.
Alias:	Not reported
Description:	treated industrial discharge and cooling water
Lat/Long:	41.54089 / -72.7918
State Plane x/y:	988557 / 757809
Mercator x/y:	-21257567.35037 / 13285044.82321

53
WSW
1/4-1/2
2086 ft.
Higher

SNET
25 BUTLER STREET
MERIDEN, CT

CT PROPERTY **S103541249**
SDADB **N/A**

CT Property:

Date Recieved:	11/04/1998
Property Transfer Forms:	Form I (DEP-PERD-PTP-201) when no release of hazardous waste has occurred at the parcel being transferred.
Seller Name :	SNET
Buyer Name :	SBC Communications Inc.
Certifying Party :	SNET/Donald Shassian
Certifying Attention Person :	Not reported
Title Of Certifying Person :	Not reported
Certifying Person Address :	Not reported
	Not reported
Ackn Date :	06/18/1999
Determination Date :	Not reported
LEP Verified/DEP Approval Date :	Not reported

Site Discovery and Assessment:

Facility ID:	4464
WPC Number :	Not reported
Lat/Long :	Not reported
Lat/Long Determined By :	Not reported
Waste Type 1 :	Not reported
Waste Type 2 :	Not reported
Waste Type 3 :	Not reported
Disposal 1 :	Not reported
Disposal 2 :	Not reported
Disposal 3 :	Not reported
Sample Data Available :	False
Ground Water Quality Classification :	Not reported
Surface Water Quality Classification :	Not reported
PTP Id:	3001
Postal District:	Not reported
Lat/Lon:	Not reported
Updated By:	Not reported
Update Program:	Not reported
Updated:	Not reported
Duplicate:	False
Comments:	

SNET (Continued) **S103541249**

Federal

EPA CERCLIS Id :	Not reported
Number EPA RCRIS Id :	Not reported
Site on EPA's CERCLIS :	Not reported
Site Archived from CERCLIS :	Not reported
Date of archive :	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

Referral Id:	4623
Source of referral:	PTP
Date received:	11/04/1998
Staff assigned:	Not reported
Remediation program:	PTP
Date assigned:	/ /
Date copmleted:	11/04/1998
Outcome:	PTP

Remedial

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 assigned :	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

Orders

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
Admin Appeal Ruling :	Not reported
Date of Admin Appeal Ruling :	Not reported
Date of Final Order :	Not reported
Date of Court Appeal :	Not reported
Court ruling :	Not reported

SNET (Continued) **S103541249**

Date of Court Ruling :	Not reported
Date Order Modified :	Not reported
Date Order Revoked :	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
Comments :	Not reported

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54 SSE 1/4-1/2 2148 ft. Higher **GUEST COMPANY INC.** **49 ELM STREET** **MERIDEN, CT** **CT PROPERTY SDADB** **S104188032 N/A**

CT Property:

Date Recieved:	06/07/1994
Property Transfer Forms:	Form I (DEP-PERD-PTP-201) when no release of hazardous waste has occurred at the parcel being transferred.
Seller Name :	The Guest Company Inc.
Buyer Name :	Atlantic Guest Inc.
Certifying Party :	Not reported
Certifying Attention Person :	Not reported
Title Of Certifying Person :	Not reported
Certifying Person Address :	Not reported
	Not reported
Ackn Date :	07/15/1994
Determination Date :	Not reported
LEP Verified/DEP Approval Date :	Not reported

Site Discovery and Assessment:

Facility ID:	4458
WPC Number :	Not reported
Lat/Long :	Not reported
Lat/Long Determined By :	Not reported
Waste Type 1 :	Not reported
Waste Type 2 :	Not reported
Waste Type 3 :	Not reported
Disposal 1 :	Not reported
Disposal 2 :	Not reported
Disposal 3 :	Not reported
Sample Data Available :	False
Ground Water Quality Classification :	Not reported
Surface Water Quality Classification :	Not reported
PTP Id:	949
Postal District:	Not reported
Lat/Lon:	Not reported
Updated By:	Not reported
Update Program:	Not reported
Updated:	Not reported
Duplicate:	False
Comments:	
Federal	
EPA CERCLIS Id :	Not reported
Number EPA RCRIS Id :	Not reported
Site on EPA's CERCLIS :	Not reported
Site Archived from CERCLIS :	Not reported

GUEST COMPANY INC. (Continued) **S104188032**

Date of archive :	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

Referral Id:	4616
Source of referral:	PTP
Date received:	06/07/1994
Staff assigned:	Not reported
Remediation program:	PTP
Date assigned:	/ /
Date copmleted:	06/07/1994
Outcome:	PTP

Remedial

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 assigned :	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

Orders

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
Admin Appeal Ruling :	Not reported
Date of Admin Appeal Ruling :	Not reported
Date of Final Order :	Not reported
Date of Court Appeal :	Not reported
Court ruling :	Not reported
Date of Court Ruling :	Not reported
Date Order Modified :	Not reported
Date Order Revoked :	Not reported
Date Referred to AG :	Not reported
Judgement :	Not reported

GUEST COMPANY INC. (Continued) **S104188032**

Date of AGR judgement :	Not reported
Penalty assessed :	Not reported
Order Complete :	Not reported
In compliance :	Not reported
Comments :	Not reported

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55 ENE 1/4-1/2 2162 ft. Higher

PRATT ASSOCIATES
290 PRATT STREET
MERIDEN, CT 06450

UST **U002176661**
SDADB **N/A**

Site Discovery and Assessment:

Facility ID:	1639
WPC Number :	Not reported
Lat/Long :	Not reported
Lat/Long Determined By :	Not reported
Waste Type 1 :	Hydrocarbons and/ or Fuel Oil
Waste Type 2 :	Not reported
Waste Type 3 :	Not reported
Disposal 1 :	SPILL/DUMP
Disposal 2 :	Not reported
Disposal 3 :	Not reported
Sample Data Available :	False
Ground Water Quality Classification :	Not reported
Surface Water Quality Classification :	Not reported
PTP Id:	Not reported
Postal District:	Not reported
Lat/Lon:	Not reported
Updated By:	ZIMMERMAN, D.
Update Program:	FPRE
Updated:	2/7/1994
Duplicate:	False
Comments:	
Federal	
EPA CERCLIS Id :	Not reported
Number EPA RCRIS Id :	Not reported
Site on EPA's CERCLIS :	Not reported
Site Archived from CERCLIS :	Not reported
Date of archive :	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	
Referral Id:	1511
Source of referral:	WATER
Date received:	02/07/1994
Staff assigned:	Not reported
Remediation program:	Not reported
Date assigned:	/ /
Date copmleted:	/ /
Outcome:	Not reported
Remedial	
Remedial Id :	Not reported

PRATT ASSOCIATES (Continued) **U002176661**

PTP Id :	Not reported
Remediation Program :	Not reported
Remediation Program Entered :	Not reported
Staff Assigned :	Not reported
Remediation Program :	Not reported
Date assigned :	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

Orders

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
Admin Appeal Ruling :	Not reported
Date of Admin Appeal Ruling :	Not reported
Date of Final Order :	Not reported
Date of Court Appeal :	Not reported
Court ruling :	Not reported
Date of Court Ruling :	Not reported
Date Order Modified :	Not reported
Date Order Revoked :	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
Comments :	Not reported

PRATT ASSOCIATES (Continued) **U002176661**

UST:

Facility Id:	9730
Tank ID:	4.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	D-1
Tank Status:	Permanently Out of Use
Capacity:	15200.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000´ 20.00000˝ / 72.00000° 51.00000´ 15.00000˝

Facility Id:	9730
Tank ID:	20.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	T-1
Tank Status:	Permanently Out of Use
Capacity:	10700.00000
Substance:	Hazardous Substance
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Concrete
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000´ 20.00000˝ / 72.00000° 51.00000´ 15.00000˝

PRATT ASSOCIATES (Continued) **U002176661**

Facility Id:	9730
Tank ID:	19.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	S-1
Tank Status:	Permanently Out of Use
Capacity:	10700.00000
Substance:	Hazardous Substance
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Concrete
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

Facility Id:	9730
Tank ID:	21.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	U-1
Tank Status:	Permanently Out of Use
Capacity:	23500.00000
Substance:	Hazardous Substance
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Concrete
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

PRATT ASSOCIATES (Continued) **U002176661**

Facility Id:	9730
Tank ID:	23.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	W-1
Tank Status:	Permanently Out of Use
Capacity:	15000.00000
Substance:	Heating Oil
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

Facility Id:	9730
Tank ID:	17.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	Q-1
Tank Status:	Permanently Out of Use
Capacity:	23900.00000
Substance:	Hazardous Substance
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Concrete
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

PRATT ASSOCIATES (Continued) **U002176661**

Facility Id:	9730
Tank ID:	25.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	Y-1
Tank Status:	Permanently Out of Use
Capacity:	550.00000
Substance:	Hazardous Substance
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

Facility Id:	9730
Tank ID:	18.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	R-1
Tank Status:	Permanently Out of Use
Capacity:	23900.00000
Substance:	Hazardous Substance
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Concrete
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

PRATT ASSOCIATES (Continued) **U002176661**

Facility Id:	9730
Tank ID:	1.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	A-1
Tank Status:	Permanently Out of Use
Capacity:	10000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

Facility Id:	9730
Tank ID:	3.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	C-1
Tank Status:	Permanently Out of Use
Capacity:	15200.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

PRATT ASSOCIATES (Continued) **U002176661**

Facility Id:	9730
Tank ID:	22.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	V-1
Tank Status:	Permanently Out of Use
Capacity:	41900.00000
Substance:	Hazardous Substance
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Concrete
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

Facility Id:	9730
Tank ID:	5.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	E-1
Tank Status:	Permanently Out of Use
Capacity:	10500.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

PRATT ASSOCIATES (Continued) **U002176661**

Facility Id:	9730
Tank ID:	6.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	F-1
Tank Status:	Permanently Out of Use
Capacity:	10000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

Facility Id:	9730
Tank ID:	7.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	G-1
Tank Status:	Permanently Out of Use
Capacity:	15200.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

Well Purging - Field Water Quality Measurements

Location: (Site/Facility Name) HUB Mall Meriden, CT
Well Number: MW-1 Date: 7/24/01
Field Personnel: Amy Adams
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 12 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
1355	8.55	150	250	--	--	--	--	--	--
1400	9.60	150	250	17.7	55	6.97	224	6.18	0.8
1405	9.60	150	250	16.8	55	6.88	225	4.22	1.9
1410	9.60	150	250	16.8	54	6.62	240	3.86	1.2
1415	9.60	150	250	16.9	54	6.56	244	3.85	1.1
1420	9.60	150	250	17	54	6.53	245	3.71	1.0
End of development									

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)
4. Well was purged by pumping at a high rate until stabilization of pH (+/-0.1), temperature (3%), specific conductivity (3%), and turbidity (10%,<1) between three consecutive measurements was achieved.

Well Purging - Field Water Quality Measurements

Location: (Site/Facility Name) HUB Mall Meriden, CT
Well Number: MW-3 Date: 7/24/01
Field Personnel: Amy Adams
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 11 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
1615	6.05	150	275	--	--	--	--	--	--
1620	6.16	150	275	20.3	89	6.43	-68	2.04	5.3
1625	6.16	150	275	19.5	87	6.51	-96	0.73	5.0
1630	6.16	150	275	19.3	87	6.25	-92	0.47	5.7
1635	6.16	150	275	19.2	87	6.18	-90	0.42	5.3
1640	6.16	150	275	19.2	86	6.19	-90	0.36	5.9
1645	6.16	150	275	19.1	86	6.20	-89	0.33	5.9
1650	6.16	150	275	19.2	86	6.22	-89	0.33	5.5
End of development									

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)
4. Well was purged by pumping at a high rate until stabilization of pH (+/-0.1), temperature (3%), specific conductivity (3%), and turbidity (10%,<1) between three consecutive measurements was achieved.

PRATT ASSOCIATES (Continued) **U002176661**

Facility Id:	9730
Tank ID:	8.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	H-1
Tank Status:	Permanently Out of Use
Capacity:	20000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

Facility Id:	9730
Tank ID:	9.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	I-1
Tank Status:	Permanently Out of Use
Capacity:	10000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	01/01/1981
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

PRATT ASSOCIATES (Continued) **U002176661**

Facility Id:	9730
Tank ID:	10.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	J-1
Tank Status:	Permanently Out of Use
Capacity:	15000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

Facility Id:	9730
Tank ID:	11.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	K-1
Tank Status:	Permanently Out of Use
Capacity:	25000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

PRATT ASSOCIATES (Continued) **U002176661**

Facility Id:	9730
Tank ID:	12.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	L-1
Tank Status:	Permanently Out of Use
Capacity:	99999.00000
Substance:	Gasoline
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Concrete
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000´ 20.00000˝ / 72.00000° 51.00000´ 15.00000˝

Facility Id:	9730
Tank ID:	13.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	M-1
Tank Status:	Permanently Out of Use
Capacity:	20000.00000
Substance:	Gasoline
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Concrete
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000´ 20.00000˝ / 72.00000° 51.00000´ 15.00000˝

PRATT ASSOCIATES (Continued) **U002176661**

Facility Id:	9730
Tank ID:	14.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	N-1
Tank Status:	Permanently Out of Use
Capacity:	15000.00000
Substance:	Gasoline
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	01/01/1977
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

Facility Id:	9730
Tank ID:	15.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	O-1
Tank Status:	Permanently Out of Use
Capacity:	1000.00000
Substance:	Hazardous Substance
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Concrete
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

PRATT ASSOCIATES (Continued) **U002176661**

Facility Id:	9730
Tank ID:	16.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	P-1
Tank Status:	Permanently Out of Use
Capacity:	400 00000
Substance:	Hazardous Substance
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

Facility Id:	9730
Tank ID:	2.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	B-1
Tank Status:	Permanently Out of Use
Capacity:	20000.00000
Substance:	Gasoline
Closure Status:	Removed
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Asphalt Coated or Bare Steel
2ndary Material:	None
Pipe Material:	Other
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

PRATT ASSOCIATES (Continued) **U002176661**

Facility Id:	9730
Tank ID:	24.00000
Alt. Facility ID:	80-9730
Alt. Tank ID:	X-1
Tank Status:	Permanently Out of Use
Capacity:	11370.00000
Substance:	Hazardous Substance
Closure Status:	Closed in Place
Date Installed:	01/01/1950
Date Last Used:	05/01/1986
Tank Material:	Concrete
2ndary Material:	None
Pipe Material:	Bare Steel
2ndary Material:	None
Spill Installed:	False
Overfill Installed:	False
Owner:	PRATT ASSOCIATES 290 PRATT ST. Meriden, CT 06450
Lat/Long:	41.00000° 33.00000′ 20.00000″ / 72.00000° 51.00000′ 15.00000″

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56 SSE 1/4-1/2 2267 ft. Higher **PETROL PLUS** **LUST** **S105457617**
271 EAST MAIN STREET **N/A**
MERIDEN, CT

LUST:

Computer Generated # :	3111
Enforcement Data Together :	3131
LUST ID :	3111
Spill Case # Without Dash :	9005593
Spill Case # With Dash :	9005593
Referral Made :	False
Spill Date :	07/20/1998
Emergency Stated by Program :	False
Heating Fuel :	False
Commercial HF Unk :	False
Commercial Hf > 2100 Gals :	False
Commercial Hf < 2100 Gals :	False
Motor Fuel :	False
Waste :	False
Site Id Number :	0
Owner Id Number :	0
Entry Date :	Not reported
Comments :	Spill report ID: 96-05593 According to a questionnaire from CT-DEP for USTs received on 5/22/89 and enclosed to the notification form, 2x4000 gal. Tanks were removed on 7/15/86. On the same date 2x5000 gal. And 1x6000 gal. Tanks were installed.
Case Log Inspections	
Case Log ID:	Not reported
Inspection Date:	Not reported
Work Performed :	
Case Log	
Old ID:	Not reported
Spill Case #:	Not reported
UST ID # :	Not reported
Contact :	Not reported

PETROL PLUS (Continued) **S105457617**

Environmental Impact : Not reported
Referred To LUST Program By: Not reported
Date Referred : Not reported
Work Performed : Not reported
Date LUST Prgrm On Site First Time: Not reported
Subsequent Dates : Not reported
Status : Not reported
Release Information
UST Event ID: Not reported
Substance: Not reported
Source: Not reported
Comments : Not reported
Tank Information
UST Event ID: 3131
Facility ID: 7164
Tank ID: 1
Comments : Not reported
UST Event ID: 3131
Facility ID: 7164
Tank ID: 2
Comments : Not reported
UST Event ID: 3131
Facility ID: 7164
Tank ID: 3
Comments : Not reported
UST Event ID: 3131
Facility ID: 7164
Tank ID: 4
Comments : Not reported
UST Event ID: 3131
Facility ID: 7164
Tank ID: 5
Comments : Not reported

57
SW
1/4-1/2
2306 ft.
Higher

76 BUTLER STREET, HANOVER TOWERS
MERIDEN, CT

LUST **S103161449**
CT Spills **N/A**

LUST:
Computer Generated # : 3391
Enforcement Data Together : 3437
LUST ID : 3391
Spill Case # Without Dash : 9704369
Spill Case # With Dash : 9704369
Referral Made : False
Spill Date : 08/08/1997
Emergency Stated by Program : False
Heating Fuel : True
Commercial HF Unk : False
Commercial Hf > 2100 Gals : False
Commercial Hf < 2100 Gals : False
Motor Fuel : False
Waste : False
Site Id Number : 0
Owner Id Number : 0
Entry Date : Not reported
Comments : removed two 20,000 hf2 usts, soil contamination, tanks will be removed

(Continued) **S103161449**

Monday/Tues. Clean Harbors contracted, overfill

Case Log Inspections
- Case Log ID: Not reported
- Inspection Date: Not reported
- Work Performed :

Case Log
- Old ID: Not reported
- Spill Case #: Not reported
- UST ID # : Not reported
- Contact : Not reported
- Environmental Impact : Not reported
- Referred To LUST Program By: Not reported
- Date Referred : Not reported
- Work Performed : Not reported
- Date LUST Prgrm On Site First Time: Not reported
- Subsequent Dates : Not reported
- Status : Not reported

Release Information
- UST Event ID: Not reported
- Substance: Not reported
- Source: Not reported
- Comments : Not reported

Tank Information
- UST Event ID: 3437
- Facility ID: 3879
- Tank ID: 1
- Comments : 20,000
- UST Event ID: 3437
- Facility ID: 3879
- Tank ID: 2
- Comments : 20,000
- UST Event ID: 3437
- Facility ID: 3879
- Tank ID: 3
- Comments : Not reported
- UST Event ID: 3437
- Facility ID: 3879
- Tank ID: 4
- Comments : Not reported
- UST Event ID: 3437
- Facility ID: 3879
- Tank ID: 5
- Comments : Not reported

SPILL:

Case Number:	9704369	OCSRD Inspector:	Not reported
Year of Database:	1997	Town of Spill:	Not reported
Report Date:	8/8/97 0:00:00	Reported By:	stanley dynia
Work Telephone:	Not reported	Home Telephone:	Not reported
Representing:	gza		
Telephone Pole#:	Not reported		
Incident Type:	Not reported		
Substance:	Not reported		
Qty (Gallon):	0	Qty (Yard):	0
Qty (Pound):	0	Qty (Drum):	0
Qty (Feet):	0	Concentration:	Not reported
CERCLA:	Not reported		
SARA 304 Rel:	Not reported	SARA Haz Sub:	Not reported

(Continued) **S103161449**

Cross Property:	Not reported	Protective Actions:	Not reported
Action Desc:	Not reported		
Qty Reported:	Not reported	Total (Pound):	Not reported
Spill Date:	8/8/97 0:00:00	Spill Time:	12/30/99 15:27:00
On Going:	Not reported	Continuous Spill:	Not reported
Release Status:	Terminated		
Misc Info:	Not reported		
Water Body:	Not reported		
Other Media:	Not reported		
Release Area:	Not reported		
Total (Water):	0	Recovd (Water):	Not reported
Recovd (Total)::	0	Dun & Bradst#:	Not reported
Polluter:	Not reported		
Polluter Phone:	Not reported		

Financial Responsibility:	Not reported
Unknown Responsibility:	Not reported
Unknown Polluter:	Not reported
Cleanup Contractor:	Not reported
Contractor Name:	Not reported
Did DEP Hire Contractor:	Not reported
Date Contractor Hired:	Not reported
When Contractor Requested:	Not reported
When Contractor Arrived:	Not reported
Who Took Spill:	916- STAVOLA, ROSANNE
Badge # of Who Recieved Spill:	Not reported
Who Assigned Spill:	Not reported
Badge # of Who Assigned Spill:	Not reported
Date Assigned:	Not reported
Spill Status:	Not reported
Facility Status:	closed
Emergency Measure:	Removing two 20,000 gallon USTs, soil contamination, tanks will be removed Monday/Tuesday. Clean Harbors contracted.
Cleanup Action:	Not reported
UST Unit:	Not reported

Agency Notified:	Not reported		
Other Agency:	Not reported	Notify Other:	Not reported
State Agency:	Not reported	Notify Date:	Not reported
Discharge Class:	Not reported		
Other Class:	Not reported		
Cause:	Not reported		
Other Cause:	Not reported		
Actions:	Not reported		
Other Actions:	Not reported		
Notify Status:	Not reported	Case 1136:	Not reported
Case #1:	Not reported	Case #2:	Not reported
Federal 311K:	Not reported	Cost Recovery:	Not reported
Property Owner:	Not reported		
Property Other:	Not reported		
Property Name:	Not reported		
Property Addr:	Not reported		
Polluter:	Not reported		
Owner:	Not reported		
Operator:	Not reported		
Vehicle:	Not reported		
Truck Reg:	Not reported	Trail Reg:	Not reported
Updated:	Not reported	Update Date:	Not reported
Assigned To:	0- NO RESPONSE		

(Continued) **S103161449**

Lat/Long: Not reported
Add Info: Not reported
Discharger: hanover towers limited partnership Telephone: Not reported
Responsible Party: YES
Released Substance: #2 FUEL OIL
RP Address: CT
Corrective Action: Removed Tank
Soil Removed
Agency Notified: Local Fire Marshal
Cause of Incident: Overfill
Media: Ground Surface
Release Class: Not reported
Release Type: Petroleum
Waterbody: Not reported

58
WNW
1/4-1/2
2622 ft.
Lower

LEWIS / SPRINGDALE AVES.
MERIDEN, CT

LUST **S104238138**
CT Spills **N/A**

LUST:
Computer Generated # : 8223
Enforcement Data Together : 8404
LUST ID : 8223
Spill Case # Without Dash : 9903404
Spill Case # With Dash : 9903404
Referral Made : False
Spill Date : 05/27/1999
Emergency Stated by Program : False
Heating Fuel : True
Commercial HF Unk : False
Commercial Hf > 2100 Gals : False
Commercial Hf < 2100 Gals : False
Motor Fuel : False
Waste : False
Site Id Number : 0
Owner Id Number : 0
Entry Date : Not reported
Comments : unknown size, Heating Oil, PRIVATE, SAND BY DPW
Case Log Inspections
Case Log ID: Not reported
Inspection Date: Not reported
Work Performed :
Case Log
Old ID: Not reported
Spill Case #: Not reported
UST ID # : Not reported
Contact : Not reported
Environmental Impact : Not reported
Referred To LUST Program By: Not reported
Date Referred : Not reported
Work Performed : Not reported
Date LUST Prgrm On Site First Time: Not reported
Subsequent Dates : Not reported
Status : Not reported
Release Information
UST Event ID: 8404
Substance: Heating Oil

(Continued) **S104238138**

Source: Residential Heating Oil
Comments : unknown size
Tank Information
UST Event ID: Not reported
Facility ID: Not reported
Tank ID: Not reported
Comments : Not reported

SPILL:

Case Number:	9903404	OCSRD Inspector:	Not reported
Year of Database:	1999	Town of Spill:	Not reported
Report Date:	5/27/99 0:00:00	Reported By:	dispatcher 561
Work Telephone:	Not reported	Home Telephone:	Not reported
Representing:	meriden f.d.		
Telephone Pole#:	Not reported		
Incident Type:	Not reported		
Substance:	Not reported		
Qty (Gallon):	1	Qty (Yard):	0
Qty (Pound):	0	Qty (Drum):	0
Qty (Feet):	0	Concentration:	Not reported
CERCLA:	Not reported		
SARA 304 Rel:	Not reported	SARA Haz Sub:	Not reported
Cross Property:	Not reported	Protective Actions:	Not reported
Action Desc:	Not reported		
Qty Reported:	Not reported	Total (Pound):	Not reported
Spill Date:	5/27/99 0:00:00	Spill Time:	Not reported
On Going:	Not reported	Continuous Spill:	Not reported
Release Status:	Terminated		
Misc Info:	Not reported		
Water Body:	ONE BASIN POSSIBLE		
Other Media:	Not reported		
Release Area:	Not reported		
Total (Water):	0	Recovd (Water):	Not reported
Recovd (Total)::	0	Dun & Bradst#:	Not reported
Polluter:	Not reported		
Polluter Phone:	Not reported		

Financial Responsibility:	Not reported
Unknown Responsibility:	Not reported
Unknown Polluter:	Not reported
Cleanup Contractor:	Not reported
Contractor Name:	Not reported
Did DEP Hire Contractor:	Not reported
Date Contractor Hired:	Not reported
When Contractor Requested:	Not reported
When Contractor Arrived:	Not reported
Who Took Spill:	931- COSS, BRIAN
Badge # of Who Recieved Spill:	Not reported
Who Assigned Spill:	Not reported
Badge # of Who Assigned Spill:	Not reported
Date Assigned:	Not reported
Spill Status:	Not reported
Facility Status:	Closed
Emergency Measure:	SAND BY DPW
Cleanup Action:	Not reported
UST Unit:	Not reported

Agency Notified:	Not reported		
Other Agency:	Not reported	Notify Other:	Not reported
State Agency:	Not reported	Notify Date:	Not reported

(Continued) **S104238138**

Discharge Class:	Not reported		
Other Class:	Not reported		
Cause:	Not reported		
Other Cause:	Not reported		
Actions:	Not reported		
Other Actions:	Not reported		
Notify Status:	Not reported	Case 1136:	Not reported
Case #1:	Not reported	Case #2:	Not reported
Federal 311K:	Not reported	Cost Recovery:	Not reported
Property Owner:	Not reported		
Property Other:	Not reported		
Property Name:	Not reported		
Property Addr:	Not reported		
Polluter:	Not reported		
Owner:	Not reported		
Operator:	Not reported		
Vehicle:	Not reported		
Truck Reg:	Not reported	Trail Reg:	Not reported
Updated:	Not reported	Update Date:	Not reported
Assigned To:	0- NO RESPONSE		
Lat/Long:	Not reported		
Add Info:	Not reported		
Discharger:	unknown	Telephone:	Not reported
Responsible Party:	NO		
Released Substance:	#2 FUEL OIL		
RP Address:	CT		
Corrective Action:	Removed Tank		
Agency Notified:	Not reported		
Cause of Incident:	Inground Tank Failure		
Media:	Ground Surface		
Release Class:	Private		
Release Type:	Petroleum		
Waterbody:	Catch Basin		

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59 SSE 1/2-1 2732 ft. Higher **MERIDEN SALT STORAGE -COVERD , CT** **LWDS** **W991101629 N/A**

LWDS:

ArcView Legend Symbology:	SALT-COVER
Leachate and Wastewater Name:	SALT STORAGE -COVERD
Leachate and Wastewater Number:	5206011
Status of the Discharge Activity:	ACTIVE
Leachate and Waste Flow:	GROUND
Feature Number on Hazardous Waste List:	0
Subregional Basin Feature Number:	5206
Name:	Meriden
Alias:	Not reported
Description:	covered salt storage on asphalt/concrete
Lat/Long:	41.53341 / -72.79358
State Plane x/y:	988068 / 755084
Mercator x/y:	-21258087.45615 / 13282137.05012

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
60 WNW 1/2-1 3145 ft. Higher	**MRM INDUSTRIES INDUSTRIAL WASTEWTR , CT**	**LWDS**	**W991101616 N/A**

LWDS:

ArcView Legend Symbology:	INDUST WTR
Leachate and Wastewater Name:	INDUSTRIAL WASTEWTR
Leachate and Wastewater Number:	5205003
Status of the Discharge Activity:	ACTIVE
Leachate and Waste Flow:	SURFACE
Feature Number on Hazardous Waste List:	0
Subregional Basin Feature Number:	5205
Name:	MRM Industries
Alias:	Not reported
Description:	treated industrial discharge
Lat/Long:	41.54405 / -72.80893
State Plane x/y:	983868 / 758966
Mercator x/y:	-21262570.36342 / 13286275.8296

61 WSW 1/2-1 3149 ft. Lower	**INTERNATIONAL SILVER MISCELLANEOUS -SURF , CT**	**LWDS**	**W991101630 N/A**

LWDS:

ArcView Legend Symbology:	MISC -SURF
Leachate and Wastewater Name:	MISCELLANEOUS -SURF
Leachate and Wastewater Number:	5206012
Status of the Discharge Activity:	INACTIVE
Leachate and Waste Flow:	SURFACE
Feature Number on Hazardous Waste List:	0
Subregional Basin Feature Number:	5206
Name:	International Silver
Alias:	Not reported
Description:	Former site
Lat/Long:	41.53532 / -72.80891
State Plane x/y:	983871 / 755783
Mercator x/y:	-21262565.38159 / 13282880.642

62 SW 1/2-1 3531 ft. Higher	**MERIDEN GAS LIGHT CO. 56 COOPER MERIDEN, CT 06450**	**Coal Gas**	**G000000005 N/A**

COAL GAS SITE DESCRIPTION:

Site is south of Cooper, just east of the intersection with Cherry. Site is just to the west of the railroad tracks. by 1891 site was just a gas holder. Site later became Connecticut Light & Power.

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63 West 1/2-1 4214 ft. Lower	**PENBECK OIL CO. OIL/CHEMICAL SPILLS , CT**	**LWDS**	**W991101617 N/A**

PENBECK OIL CO. (Continued) **W991101617**

LWDS:

ArcView Legend Symbology:	SPILL
Leachate and Wastewater Name:	OIL/CHEMICAL SPILLS
Leachate and Wastewater Number:	5205004
Status of the Discharge Activity:	INACTIVE
Leachate and Waste Flow:	GROUND
Feature Number on Hazardous Waste List:	0
Subregional Basin Feature Number:	5205
Name:	Penbeck Oil Co.
Alias:	Not reported
Description:	gas station line leak (1982)
Lat/Long:	41.53904 / -72.81437
State Plane x/y:	982376 / 757142
Mercator x/y:	-21264160.97587 / 13284328.32939

64
NNE
1/2-1
4218 ft.
Higher

MRM INDUSTRIES
COOLING WTR -SURFACE
, CT

LWDS **W991101625**
N/A

LWDS:

ArcView Legend Symbology:	COOL WTR-S
Leachate and Wastewater Name:	COOLING WTR -SURFACE
Leachate and Wastewater Number:	5206006
Status of the Discharge Activity:	ACTIVE
Leachate and Waste Flow:	SURFACE
Feature Number on Hazardous Waste List:	0
Subregional Basin Feature Number:	5206
Name:	MRM Industries
Alias:	Not reported
Description:	cooling water discharge
Lat/Long:	41.54978 / -72.79142
State Plane x/y:	988662 / 761049
Mercator x/y:	-21257457.53181 / 13288500.70394

65
NNE
1/2-1
4513 ft.
Higher

PHILLIPS PROPERTY
HICKS / NO. COLONY ROADS
MERIDEN, CT

SHWS **S100997011**
CT PROPERTY **N/A**
SDADB

PHILLIPS PROPERTY (Continued) **S100997011**

SHWS:

State ID:	Not reported
Groundwater Class:	GA
Disposal Activity:	IND. SLUDGE
Waste Type:	SOLVENTS METALS
Alternate Name:	Not reported
EPA ID:	Not reported
Waste Category:	Not reported
Disposal Method:	Not reported
Inventory Date:	Not reported
DEP Programs:	Not reported
On CERCLIS:	Not reported
Resource Convention & Recovery Act:	Not reported
RCRA Status:	Not reported
RCRA Permit Status:	Not reported
Surface Water Qualification:	Not reported
Other Dept of Env. Protection:	Not reported

Comments: WCU ORDER #3424 2/14/83; GROUNDWATER STUDY AND MINIMIZE OR ELIMINATE CONTAMINATION FROM PAST DISPOSAL. IN CERCLIS, PA DONE.

CT Property:

Date Recieved:	/ /
Property Transfer Forms:	
Seller Name :	Not reported
Buyer Name :	Not reported
Certifying Party :	Not reported
Certifying Attention Person :	Not reported
Title Of Certifying Person :	Not reported
Certifying Person Address :	Not reported
	Not reported
Ackn Date :	/ /
Determination Date :	Not reported
LEP Verified/DEP Approval Date :	Not reported

Site Discovery and Assessment:

Facility ID:	229
WPC Number :	Not reported
Lat/Long :	41.5628 / -72.7833
Lat/Long Determined By :	MAP
Waste Type 1 :	Chlorinated Volatile Organic Compounds
Waste Type 2 :	Hydrocarbons and/ or Fuel Oil
Waste Type 3 :	Metals
Disposal 1 :	WATER BODY
Disposal 2 :	Not reported
Disposal 3 :	Not reported
Sample Data Available :	True
Ground Water Quality Classification :	GA
Surface Water Quality Classification :	A
PTP Id:	Not reported
Postal District:	Not reported
Lat/Lon:	41° 33′ 45.9″ / 72° 47′ 0″
Updated By:	DORAN, E.
Update Program:	CORE
Updated:	5/4/2000
Duplicate:	False

Comments: ORDER WC-3424 2/14/83. GROUNDWATER STUDY MINIMIZE OR ELIMINATE CONTAMINATION FROM PAST DISPOSAL. ON SPL IN 1989. (12/92) DATE OF CLEAN UP TO BE DETERMINED.

PHILLIPS PROPERTY (Continued) **S100997011**

(5/00)

Federal

EPA CERCLIS Id :	Not reported
Number EPA RCRIS Id :	Not reported
Site on EPA's CERCLIS :	Not reported
Site Archived from CERCLIS :	Not reported
Date of archive :	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

Referral Id:	224
Source of referral:	WATER
Date received:	07/06/1987
Staff assigned:	DEP
Remediation program:	SUPERFUND
Date assigned:	07/06/1987
Date copmleted:	07/06/1987
Outcome:	INVENTORY

Remedial

Remedial Id :	37
PTP Id :	0
Remediation Program :	SPL
Remediation Program Entered :	06/01/1989
Staff Assigned :	O'CONNOR, T
Remediation Program :	SRP
Date assigned :	Not reported
Project Phase :	Not reported
Order issued :	True
Order Number :	WC-3424
Date order issued :	02/14/1983
Remedial Investigation Start :	Not reported
Remedial Investigation Completed :	07/01/1996
Remedial Design Start :	Not reported
Remedial Design complet :	/ /
Remedial Action Start :	Not reported
Remedial Action Completed :	Not reported
Date Oper/ maintenance Started :	Not reported
GW monitoring :	False

Remediation complete Approved DEP/Verified by LEP :Not reported

Remedial

Remedial Id :	200
PTP Id :	0
Remediation Program :	SPL
Remediation Program Entered :	02/14/1983
Staff Assigned :	O'CONNOR, T.
Remediation Program :	SRP
Date assigned :	Not reported
Project Phase :	I
Order issued :	True
Order Number :	WC-3424
Date order issued :	02/14/1983

PHILLIPS PROPERTY (Continued) **S100997011**

Remedial Investigation Start : Not reported
Remedial Investigation Completed : / /
Remedial Design Start : Not reported
Remedial Design complet : / /
Remedial Action Start : Not reported
Remedial Action Completed : Not reported
Date Oper/ maintenance Started : Not reported
GW monitoring : False
Remediation complete Approved DEP/Verified by LEP :Not reported

Orders

Order Id : 56
Order number : WC-3424
Date Order Issued : 02/14/1983
Staff assigned : O'CONNOR, T.
Type of Order : AO
Order Respondent : W.& C.PHILLIPS
Admin Appeal Date : Not reported
Admin Appeal Ruling : M
Date of Admin Appeal Ruling : 10/31/1983
Date of Final Order : / /
Date of Court Appeal : Not reported
Court ruling : Not reported
Date of Court Ruling : Not reported
Date Order Modified : 10/31/19
Date Order Revoked : Not reported
Date Referred to AG : / /
Judgement : Not reported
Date of AGR judgement : Not reported
Penalty assessed : 0.00
Order Complete : Not reported
In compliance : False
Comments : SITE ON SPL. RESPONDEDNTS: WILLIAM D. CATHERINE M. PHILLIPS

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66 NE 1/2-1 4562 ft. Higher **BISHOPS AUTO PARTS INC.** **AUTO JUNKYARD** **, CT** **LWDS** **W991101631** **N/A**

LWDS:

ArcView Legend Symbology: AUTO JNKYD
Leachate and Wastewater Name: AUTO JUNKYARD
Leachate and Wastewater Number: 5206013
Status of the Discharge Activity: ACTIVE
Leachate and Waste Flow: GROUND
Feature Number on Hazardous Waste List: 0
Subregional Basin Feature Number: 5206
Name: Bishops Auto Parts Inc.
Alias: Not reported
Description: auto junkyard (Meriden)
Lat/Long: 41.54786 / -72.78635
State Plane x/y: 990048 / 760348
Mercator x/y: -21255978.1712 / 13287753.42254

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
67 NNE 1/2-1 4997 ft. Higher	**UNITED OIL RECOVERY, INC. 136 GRACEY AVENUE MERIDEN, CT 06450**	**FINDS RCRIS-LQG RCRIS-TSD CORRACTS CERC-NFRAP SDADB**	**1000398334 CTD021816889**

CERCLIS-NFRAP Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Non NPL Code:	DR		
Ownership Status:	Private	NPL Status:	Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment:	DISCOVERY	Completed:	07/26/1991
Assessment:	PRELIMINARY ASSESSMENT	Completed:	07/02/1992
Assessment:	ARCHIVE SITE	Completed:	01/25/1996

CORRACTS Data:

EPA Id:	CTD021816889
Region:	1
State:	CT
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	Not reported
New Scheduled Date:	Not reported
Actual Date:	9/1/1992
Corrective Action:	CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority

RCRIS Corrective Action Summary:

Event:	CA Prioritization, Facility or area was assigned a medium corrective action priority.
Event Date:	09/01/1992

RCRIS:

Owner:	UNITED WASTE OIL CO (203) 235-3753
EPA ID:	CTD021816889
Contact:	DAVID CARABETTA (203) 235-3753
Rank Status:	1
Rank Date:	09/20/1993
Classification:	Handler transports wastes, but commercial status is unknown, Large Quantity Generator, TSDF
Used Oil Recyc:	Yes
TSDF Activities:	Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	756163.00	D004	66683.00
D006	223787.00	D007	728474.00
D008	795157.00	D011	38994.00
D018	689480.00	D035	638053.00
D039	756163.00	D040	571370.00
F001	571370.00	F002	689480.00
F003	756163.00	F005	756163.00

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

Violation Status: Violations exist

Regulation Violated: Env-Wm 609.06(b)
Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS
Date Violation Determined: 07/25/2002
Actual Date Achieved Compliance: 08/28/2002

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FIELD NOTICE OF VIOLATION
Enforcement Action Date: 07/25/2002
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Env-Wm 603.10(b)(3)
Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS
Date Violation Determined: 10/09/2001
Actual Date Achieved Compliance: 11/26/2001

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/26/1984
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Env-Wm 603.10(b)(4)
Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS
Date Violation Determined: 10/09/2001
Actual Date Achieved Compliance: 11/26/2001

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Env-Wm 352.01(b)
Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS
Date Violation Determined: 11/18/1999
Actual Date Achieved Compliance: 12/13/1999

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/03/1995
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 11/04/1998
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/22/1999
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-CONTAINERS REQUIREMENTS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/03/1995

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 11/04/1998
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/22/1999
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: HAZARDOUS WASTE DETERMINATIONS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/03/1995
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 11/04/1998
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/22/1999
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 265.1050(c) 265.1064(b)(&(g)
Area of Violation: TSD-TANKS REQUIREMENTS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 265.1055(a)
Area of Violation: TSD-TANKS REQUIREMENTS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-CONTAINERS REQUIREMENTS
Date Violation Determined: 07/28/1999

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-CONTAINERS REQUIREMENTS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-CONTAINERS REQUIREMENTS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-GENERAL STANDARDS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 265.1033(f)
Area of Violation: TSD-TANKS REQUIREMENTS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 265.1085(g)
Area of Violation: TSD-TANKS REQUIREMENTS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 265.1085-265.1090
Area of Violation: TSD-TANKS REQUIREMENTS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 265.1088(c)(5)
Area of Violation: TSD-TANKS REQUIREMENTS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-GENERAL STANDARDS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: WASTE ANALYSIS PLAN
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-CONTAINERS REQUIREMENTS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-CONTAINERS REQUIREMENTS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 265.1052(a)&1057(a)
Area of Violation: TSD INSPECTION SCHEDULE & LOG
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 265.1089(6)
Area of Violation: TSD INSPECTION SCHEDULE & LOG
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 268.7
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FIELD NOTICE OF VIOLATION
Enforcement Action Date: 07/25/2002
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD INSPECTION SCHEDULE & LOG
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-TANKS REQUIREMENTS
Date Violation Determined: 07/28/1999
Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/26/1984
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: ENV-WM 352.01(B)
Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS
Date Violation Determined: 06/24/1999
Actual Date Achieved Compliance: 08/18/1999

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/03/1995
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 11/04/1998
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/22/1999
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 22a-449(c)-105(a)(1)(D)
Area of Violation: PERSONNEL TRAINING RECORDS
Date Violation Determined: 09/28/1998
Actual Date Achieved Compliance: 02/09/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/18/1999
Penalty Type: Not reported

Regulation Violated: 22a-449(c)-104(a)
Area of Violation: TSD-CONTINGENCY PLAN REQUREMENTS
Date Violation Determined: 09/28/1998
Actual Date Achieved Compliance: 02/09/2000

Enforcement Action: WRITTEN INFORMAL

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

Enforcement Action Date: 06/18/1999
Penalty Type: Not reported

Regulation Violated: 22a-449(c)-105(a)(b)
Area of Violation: TSD-CONTAINERS REQUIREMENTS
Date Violation Determined: 09/28/1998
Actual Date Achieved Compliance: 02/09/2000

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/18/1999
Penalty Type: Not reported

Regulation Violated: 6.03H
Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS
Date Violation Determined: 07/22/1998
Actual Date Achieved Compliance: 12/02/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/03/1995
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 11/04/1998
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/22/1999
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 6.06C
Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS
Date Violation Determined: 07/22/1998
Actual Date Achieved Compliance: 12/02/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/03/1995
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 11/04/1998
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/22/1999
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 264.35
Area of Violation: TSD-CONTAINERS REQUIREMENTS
Date Violation Determined: 04/28/1997
Actual Date Achieved Compliance: 09/28/1998

Regulation Violated: 22a-449(c)-105(e)
Area of Violation: TSD-TANKS REQUIREMENTS
Date Violation Determined: 05/14/1996
Actual Date Achieved Compliance: 09/30/1996

Enforcement Action: FIELD NOTICE OF VIOLATION

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

Enforcement Action Date: 05/17/1996
Penalty Type: Not reported

Regulation Violated: 22a-449(c)-105(a)
Area of Violation: PERSONNEL TRAINING RECORDS
Date Violation Determined: 05/14/1996
Actual Date Achieved Compliance: 09/30/1996

Enforcement Action: FIELD NOTICE OF VIOLATION
Enforcement Action Date: 05/17/1996
Penalty Type: Not reported

Regulation Violated: 22a-449(c)-105(a)
Area of Violation: TSD INSPECTION SCHEDULE & LOG
Date Violation Determined: 05/14/1996
Actual Date Achieved Compliance: 06/24/1996

Enforcement Action: FIELD NOTICE OF VIOLATION
Enforcement Action Date: 05/17/1996
Penalty Type: Not reported

Regulation Violated: 102(a)(2)(D)
Area of Violation: PERSONNEL TRAINING RECORDS
Date Violation Determined: 08/17/1995
Actual Date Achieved Compliance: 09/30/1996

Regulation Violated: 105(a)
Area of Violation: OPERATING RECORDS
Date Violation Determined: 08/17/1995
Actual Date Achieved Compliance: 09/28/1998

Regulation Violated: 105(a)
Area of Violation: TSD-CONTAINERS REQUIREMENTS
Date Violation Determined: 08/17/1995
Actual Date Achieved Compliance: 09/30/1996

Regulation Violated: 822(1)
Area of Violation: TRANSPORTER-GENERAL REQUIREMENTS
Date Violation Determined: 07/31/1995
Actual Date Achieved Compliance: 11/13/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/03/1995
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 11/04/1998
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/22/1999
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 7.09(4)
Area of Violation: TRANSPORTER-HAZARDOUS WASTE DISCHARGES
Date Violation Determined: 07/31/1995
Actual Date Achieved Compliance: 11/13/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/03/1995

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 11/04/1998
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/22/1999
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: 265.15(b)(4)
Area of Violation: TSD INSPECTION SCHEDULE & LOG
Date Violation Determined: 09/22/1994
Actual Date Achieved Compliance: 09/30/1996

Regulation Violated: 265.15(d)
Area of Violation: TSD INSPECTION SCHEDULE & LOG
Date Violation Determined: 09/22/1994
Actual Date Achieved Compliance: 09/30/1996

Regulation Violated: 262.11
Area of Violation: HAZARDOUS WASTE DETERMINATIONS
Date Violation Determined: 05/27/1994
Actual Date Achieved Compliance: 09/22/1994

Regulation Violated: 262.11
Area of Violation: HAZARDOUS WASTE DETERMINATIONS
Date Violation Determined: 02/15/1994
Actual Date Achieved Compliance: 09/22/1994

Regulation Violated: 262.11
Area of Violation: HAZARDOUS WASTE DETERMINATIONS
Date Violation Determined: 02/15/1994
Actual Date Achieved Compliance: 08/17/1995

Regulation Violated: Not reported
Area of Violation: TSD-CONTAINERS REQUIREMENTS
Date Violation Determined: 09/30/1992
Actual Date Achieved Compliance: 09/30/1992

Regulation Violated: Not reported
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 09/30/1992
Actual Date Achieved Compliance: 09/22/1994

Regulation Violated: Not reported
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 07/12/1991
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-MANIFEST REQUIREMENTS
Date Violation Determined: 07/12/1991
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 07/12/1991
Actual Date Achieved Compliance: 09/30/1992

Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 06/09/1989
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 06/09/1989
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 06/09/1989
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/09/1989
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 06/09/1989
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/09/1989
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

Date Violation Determined: 06/09/1989
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 06/09/1989
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined: 06/09/1989
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 09/23/1987
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 09/24/1986
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 09/24/1986
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 07/31/1985
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FIELD NOTICE OF VIOLATION
Enforcement Action Date: 07/25/2002
Penalty Type: Proposed Monetary Penalty

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 03/23/1984
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/03/1995
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 11/04/1998
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/22/1999
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 03/23/1984
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/03/1995
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 11/04/1998
Penalty Type: Proposed Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/22/1999
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 09/23/1983
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/26/1984
Penalty Type: Proposed Monetary Penalty

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 09/23/1983
Actual Date Achieved Compliance: 09/30/1992

Enforcement Action: INITIAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 09/28/2001
Penalty Type: Proposed Monetary Penalty

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

There are 59 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Other Evaluation	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920930
Other Evaluation	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19920930
	TRANSPORTER-GENERAL REQUIREMENTS	20011126
Other Evaluation	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920930
	TRANSPORTER-GENERAL REQUIREMENTS	19991213
Detailed Multimedia Inspection	TSD-CONTAINERS REQUIREMENTS	
	HAZARDOUS WASTE DETERMINATIONS	
	TSD-TANKS REQUIREMENTS	
	TSD INSPECTION SCHEDULE & LOG	
	TSD-LAND BAN REQUIREMENTS	
	TSD INSPECTION SCHEDULE & LOG	
	TSD-TANKS REQUIREMENTS	
	TSD INSPECTION SCHEDULE & LOG	
	TSD-TANKS REQUIREMENTS	
	TSD-CONTAINERS REQUIREMENTS	
	TSD-OTHER REQUIREMENTS	
	TSD-GENERAL STANDARDS	
	TSD-TANKS REQUIREMENTS	
	TSD-TANKS REQUIREMENTS	
	TSD-TANKS REQUIREMENTS	
	TSD-TANKS REQUIREMENTS	
	TSD-GENERAL STANDARDS	
	TSD-CONTAINERS REQUIREMENTS	
	TSD-CONTAINERS REQUIREMENTS	
	TSD-CONTAINERS REQUIREMENTS	
	TSD-CONTAINERS REQUIREMENTS	
	WASTE ANALYSIS PLAN	
FEI	TSD-CONTAINERS REQUIREMENTS	20000209
Other Evaluation	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920930
Compliance Evaluation Inspection	PERSONNEL TRAINING RECORDS	20000209
	TSD-CONTINGENCY PLAN REQUREMENTS	20000209
	TSD-CONTAINERS REQUIREMENTS	20000209
PEI	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920930
	TRANSPORTER-GENERAL REQUIREMENTS	19991213
FEI	OPERATING RECORDS	19980928
Non-Financial Record Review	TSD-CONTAINERS REQUIREMENTS	19980928
Compliance Evaluation Inspection	OPERATING RECORDS	19980928
FEI	TSD INSPECTION SCHEDULE & LOG	19960930
	TSD INSPECTION SCHEDULE & LOG	19960930
	PERSONNEL TRAINING RECORDS	19960930
	OPERATING RECORDS	19980928
	TSD-TANKS REQUIREMENTS	19960930
	PERSONNEL TRAINING RECORDS	19960930
	TSD INSPECTION SCHEDULE & LOG	19960624
Compliance Evaluation Inspection	PERSONNEL TRAINING RECORDS	19960930
	TSD-CONTAINERS REQUIREMENTS	19960930
	OPERATING RECORDS	19980928
Non-Financial Record Review	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920930
	TRANSPORTER-GENERAL REQUIREMENTS	19991213
Compliance Evaluation Inspection	HAZARDOUS WASTE DETERMINATIONS	19950817
	TSD INSPECTION SCHEDULE & LOG	19960930
	TSD INSPECTION SCHEDULE & LOG	19960930
FEI	HAZARDOUS WASTE DETERMINATIONS	19940922

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

FEI	HAZARDOUS WASTE DETERMINATIONS	19940922
	HAZARDOUS WASTE DETERMINATIONS	19950817
Compliance Evaluation Inspection	TSD-CONTAINERS REQUIREMENTS	19920930
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19940922
Compliance Evaluation Inspection	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19920930
	TSD-MANIFEST REQUIREMENTS	19920930
	TSD-LAND BAN REQUIREMENTS	19920930
Compliance Evaluation Inspection	GENERATOR-LAND BAN REQUIREMENTS	19920930
	TSD-LAND BAN REQUIREMENTS	19920930
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19920930
	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19920930
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920930
	GENERATOR-LAND BAN REQUIREMENTS	19920930
	TSD-LAND BAN REQUIREMENTS	19920930
	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	19920930
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920930
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920930
Compliance Evaluation Inspection	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19920930
	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920930
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920930
Non-Financial Record Review	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19920930
	TRANSPORTER-GENERAL REQUIREMENTS	19991213
Compliance Evaluation Inspection	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19920930
	TRANSPORTER-GENERAL REQUIREMENTS	20011126

NY MANIFEST
Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.
CT MANIFEST
Additional detail is available in CT MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Biennial Reporting System (BRS)
Facility Registry System (FRS)
National Compliance Database (NCDB)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

Site Discovery and Assessment:

Facility ID:	1201
WPC Number :	Not reported
Lat/Long :	41.9228 / -74.3272
Lat/Long Determined By :	UNK
Waste Type 1 :	Not reported
Waste Type 2 :	Not reported
Waste Type 3 :	Not reported
Disposal 1 :	Not reported
Disposal 2 :	Not reported
Disposal 3 :	Not reported
Sample Data Available :	False
Ground Water Quality Classification :	GB
Surface Water Quality Classification :	BC
PTP Id:	Not reported
Postal District:	Not reported
Lat/Lon:	41° 55′ 22″ / 73° 79′ 38″
Updated By:	ZIMMERMAN, D.
Update Program:	FPRE
Updated:	6/24/1992

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

Duplicate:	False
Comments:	
Federal	
EPA CERCLIS Id :	Not reported
Number EPA RCRIS Id :	Not reported
Site on EPA's CERCLIS :	Not reported
Site Archived from CERCLIS :	Not reported
Date of archive :	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	
Referral Id:	1136
Source of referral:	CERCLIS
Date received:	07/26/1991
Staff assigned:	Not reported
Remediation program:	Not reported
Date assigned:	/ /
Date copmleted:	/ /
Outcome:	Not reported
Remedial	
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 assigned :	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
Orders	
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
Admin Appeal Ruling :	Not reported
Date of Admin Appeal Ruling :	Not reported
Date of Final Order :	Not reported

UNITED OIL RECOVERY, INC. (Continued) **1000398334**

Date of Court Appeal :	Not reported
Court ruling :	Not reported
Date of Court Ruling :	Not reported
Date Order Modified :	Not reported
Date Order Revoked :	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
Comments :	Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MERIDEN	U003518489	MERIDEN MAINT. GARAGE (BLDG 81-126)	ROUTE 15 W. C. PARKWAY	06450	UST
MERIDEN	S104254237	DUMP #9	ROUTE 66		SDADB
MERIDEN	S100005691	EYELET SPECIALTIES	NORTH BROWN ST.		LUST
MERIDEN	1000247984	MERIDEN FOUNDRY CO THE	CHAMBERLAIN HWY	06450	RCRIS-SQG, FINDS
MERIDEN	S105457873	CABIN RESTAURANT / ANTHONY PAGUNI	COLONY STREET, BROOKS STREET		LUST
MERIDEN	S104254230	DUMP #11	NORTH COLONY STREET		SDADB
MERIDEN	S105444120		444 NORTH COLONY STREET	06451	LUST, CT Spills
MERIDEN	S104254228	DUMP #1	HANOVER STREET		SDADB
MERIDEN	S104254240	HANOVER POND	HANOVER POND		SDADB
MERIDEN	1000196433	JADE DIE CO INC	805 HANOVER ST	06450	RCRIS-SQG, FINDS
MERIDEN	S104254235	DUMP #6	KENSINGTON AVENUE		SDADB
MERIDEN	S105458365	VETERNS MEMORIAL MEDICAL CENTER	LEWIS AVE ACROSS FROM MERIDAN SQUA		LUST
MERIDEN	S104254236	DUMP #7	LEWIS AVENUE		SDADB
MERIDEN	U003731021	PARK DEPT.	LIBERTY STREET	06450	UST
MERIDEN	S104254223	AMOCO	EAST MAIN STREET		SDADB
MERIDEN	1004681647	HUBBARD PARK	W MAIN ST	06450	RCRIS-SQG, FINDS
MERIDEN	1004681546	JIFFY LUBE	327 W MAIN ST	06450	RCRIS-SQG, FINDS
MERIDEN	U002029667	MERIDEN MAINT. GARAGE	MILLER AVE.	06450	UST
MERIDEN	1004681711	FAIRWAY ENVIRONMENTAL LLC	1100 OLD COLONY RD	06450	RCRIS-SQG, FINDS
MERIDEN	S105456144	PRATT ASSOCIATES	290 PRATT ST.	06450	LUST
MERIDEN	S104254231	DUMP #2	WEST SIDE HANOVER POND		SDADB
MERIDEN	S105458834	CITY OF MERIDEN, BOB MERCALDI	SILVER LAKE PUMP STATION, SILVER LA		LUST
MERIDEN	U003745224	SILVER LAKE PUMP STATION	SILVER LAKE ROAD	06451	UST
MERIDEN	S104238990		23 ST.CASIMER ST SALVATION ARMY		LUST, CT Spills

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D004	ARSENIC
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D011	SILVER
D018	BENZENE
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT

EPA Waste Codes Addendum

Code	Description
	SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
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: 10/24/02
Date Made Active at EDR: 12/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 11/04/02

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 6
Telephone: 214-655-6659

EPA Region 8
Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 10/24/02
Date Made Active at EDR: 12/09/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/04/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 11/04/02

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
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: 08/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/23/02
Elapsed ASTM days: 35
Date of Last EDR Contact: 12/26/02

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 09/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/03/02
Elapsed ASTM days: 25
Date of Last EDR Contact: 12/26/02

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/29/02
Date Made Active at EDR: 12/26/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/15/02
Elapsed ASTM days: 72
Date of Last EDR Contact: 12/09/02

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS 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).

Date of Government Version: 09/09/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 12/26/02

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/01
Date Made Active at EDR: 07/15/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/02/02
Elapsed ASTM days: 13
Date of Last EDR Contact: 10/28/02

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
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: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 12/17/02
Date of Next Scheduled EDR Contact: 03/17/03

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
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: 12/21/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
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: 10/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02
Date of Next Scheduled EDR Contact: 02/03/03

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
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: 10/10/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 07/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
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: 10/21/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 09/10/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/03/03
Date of Next Scheduled EDR Contact: 03/31/03

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
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: 09/20/02
Database Release Frequency: Annually
Date of Last EDR Contact: 11/13/02
Date of Next Scheduled EDR Contact: 02/10/03

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
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: 04/17/95
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 12/10/02
Date of Next Scheduled EDR Contact: 03/10/03

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
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: 12/31/00
Database Release Frequency: Annually
Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
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: 12/31/98
Database Release Frequency: Every 4 Years
Date of Last EDR Contact: 12/10/02
Date of Next Scheduled EDR Contact: 03/10/03

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 10/24/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

SSTS: Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-5008
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: 12/31/00
Database Release Frequency: Annually
Date of Last EDR Contact: 10/22/02
Date of Next Scheduled EDR Contact: 01/20/03

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
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: 10/24/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

STATE OF CONNECTICUT ASTM STANDARD RECORDS

SHWS: Inventory of Hazardous Disposal Sites
Source: Department of Environmental Protection
Telephone: 860-424-3721
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: 08/04/98
Date Made Active at EDR: 11/19/98
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/01/98
Elapsed ASTM days: 79
Date of Last EDR Contact: 11/18/02

SWF/LF: List of Landfills/Transfer Stations
Source: Department of Environmental Protection
Telephone: 860-424-3366
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: 01/28/02
Date Made Active at EDR: 04/04/02
Database Release Frequency: Annually

Date of Data Arrival at EDR: 03/11/02
Elapsed ASTM days: 24
Date of Last EDR Contact: 11/27/02

LUST: Leaking Underground Storage Tank List
Source: Department of Environmental Protection
Telephone: 860-424-3376
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: 05/23/02
Date Made Active at EDR: 08/30/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/06/02
Elapsed ASTM days: 24
Date of Last EDR Contact: 11/18/02

UST: Underground Storage Tank Data
Source: Department of Environmental Protection
Telephone: 860-424-3376
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: 08/27/02
Date Made Active at EDR: 09/25/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 09/05/02
Elapsed ASTM days: 20
Date of Last EDR Contact: 12/30/02

SWRCY: Recycling Facilities
Source: Department of Environmental Protection
Telephone: 860-424-3223
A listing of recycling facilities.

Date of Government Version: 09/11/02
Date Made Active at EDR: 10/29/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/25/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 08/27/02

STATE OF CONNECTICUT ASTM SUPPLEMENTAL RECORDS

SPILLS: Oil & Chemical Spill Database
Source: Department of Environmental Protection
Telephone: 860-424-3254
Oil and Chemical Spill Data.

Date of Government Version: 11/15/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/04/02
Date of Next Scheduled EDR Contact: 02/03/03

SDADB: Site Discovery and Assessment Database
Source: Department of Environmental Protection
Telephone: 860-424-3721
All sites reported to Permitting, Enforcement, and Remediation Division where it is suspected that hazardous waste may have been disposed or sites that are eligible for listing on the State Inventory of Hazardous Waste Disposal Sites.

Date of Government Version: 11/21/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/03/03

LWDS: Connecticut Leachate and Wastewater Discharge Sites
Source: Department of Environmental Protection
Telephone: N/A
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: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: 09/10/02
Date of Next Scheduled EDR Contact: 02/10/03

CT PROPERTY: Property Transfer Filings
Source: Department of Environmental Protection
Telephone: 860-424-3789
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: 05/06/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/03/03

MANIFEST: Hazardous Waste Manifest Data
Source: Department of Environmental Protection
Telephone: 860-424-3375
Hazardous waste manifest information.

Date of Government Version: 06/14/02
Database Release Frequency: Annually

Date of Last EDR Contact: 12/16/02
Date of Next Scheduled EDR Contact: 03/17/03

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

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.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred 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 and electrical transmission lines.

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.

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 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

THE HUB PROPERTY
1+77 STATE ST/30+50 E. MAIN ST
MERIDEN, CT 06450

TARGET PROPERTY COORDINATES

Latitude (North):	41.539700 - 41˚ 32' 22.9"
Longitude (West):	72.799004 - 72˚ 47' 56.4"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	683599.9
UTM Y (Meters):	4600798.0

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

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. 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.

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.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2441072-E7 MERIDEN, CT
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General NNW

Source: General Topographic Gradient has been determined from the USGS 1 Degree 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.

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
NEW HAVEN, CT	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0900810004B

Additional Panels in search area: 0900810003B
0900810006B
0900810005B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
MERIDEN	YES - refer to the Overview Map and Detail Map

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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius:	2.0 miles
Location Relative to TP:	1 - 2 Miles NNE
Site Name:	PHILLIPS PROPERTY
Site EPA ID Number:	CTD982199010
Groundwater Flow Direction:	N, BUT THERE IS ALSO A RADIAL FLOW COMPONENT IN ALL DIRECTIONS.
Measured Depth to Water:	0 to 10 feet.
Hydraulic Connection:	Detailed hydraulic connection information is not available. Ground water at the site is classified as GA by the Connecticut DEP.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 2.000 Miles.

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		

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:	Mesozoic
System:	Triassic
Series:	Triassic
Code:	Tr *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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).

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sandy loam
loamy sand
sandy loam
very stony - fine sandy loam
loam

Surficial Soil Types: fine sandy loam
loamy sand
sandy loam
very stony - fine sandy loam
loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: sand
fine sandy loam
stratified
gravelly - fine sandy loam
gravelly - loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater 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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	413230072475801	1/8 - 1/4 Mile North
6	413233072473001	1/4 - 1/2 Mile ENE
B8	413242072483001	1/2 - 1 Mile NW
C10	413312072481101	1/2 - 1 Mile NNW
C12	413313072480801	1/2 - 1 Mile North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

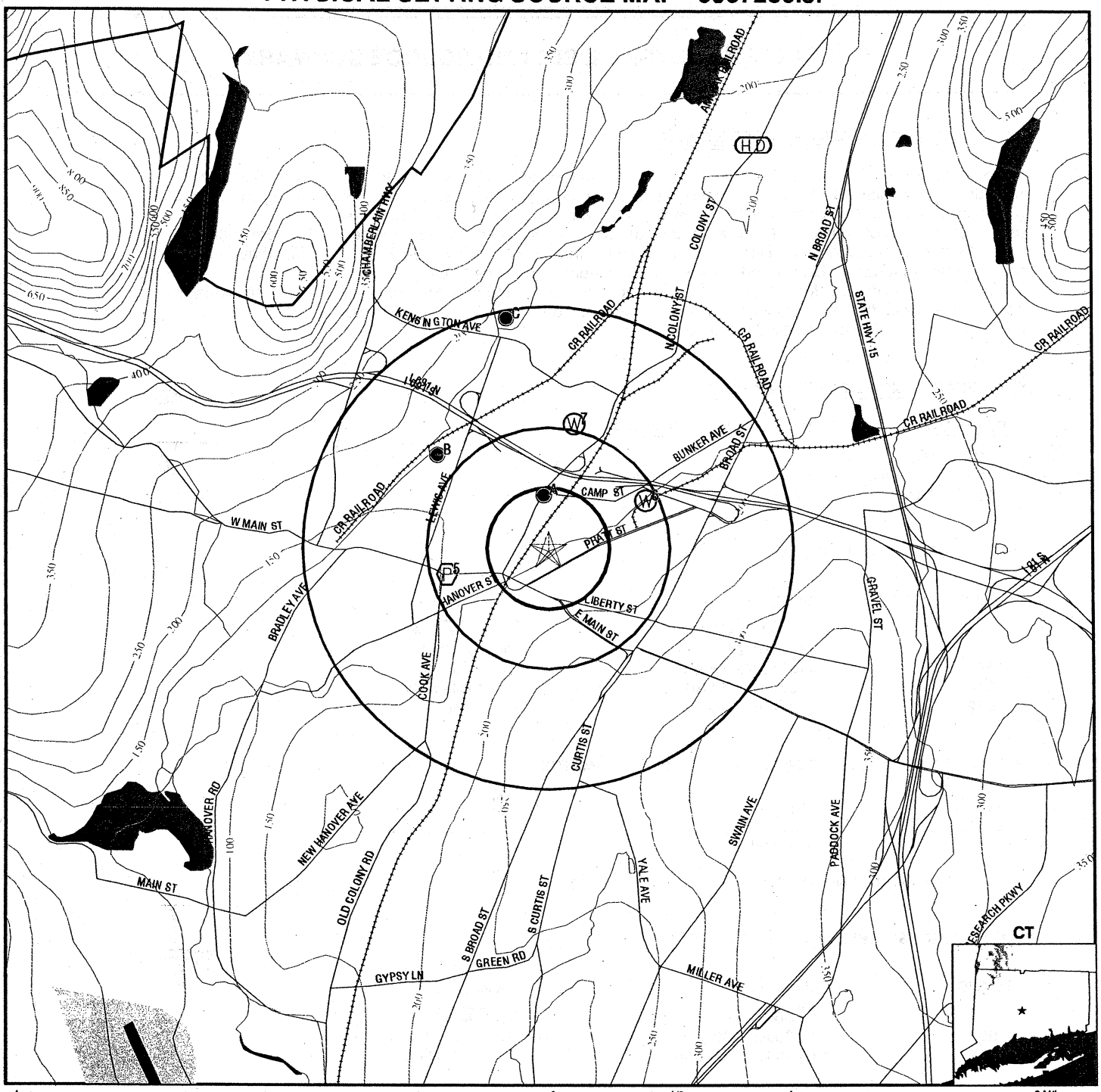
MAP ID	WELL ID	LOCATION FROM TP
5	CT0800022	1/4 - 1/2 Mile WSW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
7	CTC000000000401	1/2 - 1 Mile NNE
B9	CTC000000001275	1/2 - 1 Mile NW
C11	CTC000000001274	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 0907286.3r



County Boundary
Major Roads
Contour Lines
Airports
Water Wells
Public Water Supply Wells
Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Cluster of Multiple Icons

0 1/2 1 2 Miles

Earthquake epicenter, Richter 5 or greater
Closest Hydrogeological Data
EPA Designated Sole Source Aquifers

TARGET PROPERTY:	The Hub Property	CUSTOMER:	Metcalf & Eddy, Inc.
ADDRESS:	1+77 State St/30+50 E. Main St	CONTACT:	Chris Soroka
CITY/STATE/ZIP:	Meriden CT 06450	INQUIRY #:	0907286.3r
LAT/LONG:	41.5397 / 72.7990	DATE:	January 10, 2003 6:52 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
A1 **North** **1/8 - 1/4 Mile** **Higher**		**FED USGS**	**413230072475801**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1963	County:	New Haven
Altitude:	135.00 ft.	State:	Connecticut
Well Depth:	440.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	30.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	09011963	Prim. Use of Water:	Industrial

A2 **North** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported 4.6 7.8 Not Reported 3/26/1992	**AQUIFLOW**	**22004**
A3 **North** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported 4.6 7.8 Not Reported 3/26/1992	**AQUIFLOW**	**22003**
A4 **North** **1/8 - 1/4 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported 4.6 7.8 Not Reported 3/26/1992	**AQUIFLOW**	**22002**

5 **WSW** **1/4 - 1/2 Mile** **Higher**		**FRDS PWS**	**CT0800022**

PWS ID:	CT0800022	PWS Status:	Active
Date Initiated:	7706	Date Deactivated:	Not Reported
PWS Name:	HUBBARD PARK MERIDEN, CT 06450		
Addressee / Facility:	Not Reported		
Facility Latitude:	41 32 17	Facility Longitude:	072 48 27
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00000030

PWS currently has or had major violation(s) or enforcement: No

Map ID Direction Distance Elevation	Database	EDR ID Number
6 **ENE** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**413233072473001**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1955	County:	New Haven
Altitude:	138.00 ft.	State:	Connecticut
Well Depth:	555.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	9.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	09011955	Prim. Use of Water:	Industrial

---

7 **NNE** **1/2 - 1 Mile** **Higher**	**CT WELLS**	**CTC000000000401**

CT Community Well

Well ID:	427	Well Name:	Well 1
Supply System ID:	80701	Supply System Name:	BRADLEY HOME
Source Status:	Active	Type:	Drilled
Groundwater Aquifer Type:	Bedrock	GIS Date/Method:	1997 Screen Digitize
Depth:	400 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	8	Casing Diameter:	8
Pump Capacity:	0	Safe Yield:	0

B8 **NW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**413242072483001**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1965	County:	New Haven
Altitude:	125.00 ft.	State:	Connecticut
Well Depth:	72.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Public supply

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B9 **NW** **1/2 - 1 Mile** **Higher**	**CT WELLS**	**CTC000000001275**

CT Community Well

Well ID:	1356	Well Name:	Columbus Park Well
Supply System ID:	80001	Supply System Name:	MERIDEN WATER DEPT
Source Status:	Active	Type:	Gravel Pack
Groundwater Aquifer Type:	Stratified Drift	GIS Date/Method:	1984 Tablet Digitize
Depth:	72 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	24	Casing Diameter:	18
Pump Capacity:	300	Safe Yield:	.31999

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
C10 **NNW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**413312072481101**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1963	County:	New Haven
Altitude:	135.00 ft.	State:	Connecticut
Well Depth:	38.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	2.00 ft.	Prim. Use of Site:	Test
Date Measured:	02011963	Prim. Use of Water:	Unused

C11 **North** **1/2 - 1 Mile** **Higher**	**CT WELLS**	**CTC000000001274**

CT Community Well

Well ID:	1355	Well Name:	Mule Well
Supply System ID:	80001	Supply System Name:	MERIDEN WATER DEPT
Source Status:	Active	Type:	Gravel Pack
Groundwater Aquifer Type:	Stratified Drift	GIS Date/Method:	1984 Tablet Digitize
Depth:	37 Feet	Depth to Bedrock:	0 Feet
Well Diameter:	28	Casing Diameter:	28
Pump Capacity:	480	Safe Yield:	.54

C12 **North** **1/2 - 1 Mile** **Higher**	**FED USGS**	**413313072480801**

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1963	County:	New Haven
Altitude:	135.00 ft.	State:	Connecticut
Well Depth:	39.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	2.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	04011963	Prim. Use of Water:	Unused

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for NEW HAVEN County: 1

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: 06450

Number of sites tested: 6

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	2.783 pCi/L	83%	17%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] 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
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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-4099
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: 202-564-4099
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: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. 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 more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Connecticut Leachate and Wastewater Discharge Sites
Source: Department of Environmental Protection
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.

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 reasonable 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.

RADON

Area Radon Information
Source: USGS
Telephone: 303-202-4210
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.

EPA Radon Zones
Source: EPA
Telephone: 202-564-9370
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Well Purging - Field Water Quality Measurements

Location: (Site/Facility Name) HUB Mall Meriden, CT
Well Number: MW-4 Date: 7/25/01
Field Personnel: Amy Adams
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 11 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
910	7.92	150	325	--	--	--	--	--	--
915	8.03	150	325	19.9	0.13	6.76	45	2.50	1.5
920	8.03	150	325	19.7	0.13	6.69	38	0.53	2.1
925	8.03	150	325	19.8	0.13	6.40	52	0.41	1.5
930	8.03	150	325	19.7	0.13	6.43	54	0.38	1.3
935	8.03	150	325	19.7	0.13	6.45	50	0.36	1.4
940	8.03	150	325	19.7	0.13	6.53	43	0.35	1.2
945	8.03	150	325	19.8	0.13	6.63	37	0.34	1.1
950	8.03	150	325	19.8	0.13	6.74	29	0.33	1.3
955	8.03	150	325	19.7	0.13	6.79	25	0.33	1.5
1000	8.03	150	325	19.8	0.13	6.82	22	0.33	1.4
End of development									

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)
4. Well was purged by pumping at a high rate until stabilization of pH (+/-0.1), temperature (3%), specific conductivity (3%), and turbidity (10%,<1) between three consecutive measurements was achieved.

Well Purging - Field Water Quality Measurements

Location: (Site/Facility Name) HUB Mall Meriden, CT
Well Number: MW-5 Date: 7/24/01
Field Personnel: Amy Adams
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 9 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
1010	5.68	160	100	--	--	--	--	--	--
1015	5.73	160	100	21.1	83	6.76	22	1.67	3.5
1020	5.73	160	100	22.2	82	6.83	4	1.40	2.9
1025	5.73	160	100	22.7	82	6.82	3	1.27	3.9
1030	5.73	200	150	20.9	83	6.70	-5	1.22	5.2
1035	5.73	200	150	21.3	82	6.59	-10	1.02	4.7
1040	5.73	200	150	21.5	82	6.55	-11	0.91	4.6
1045	5.73	200	150	22.1	82	6.56	-14	0.81	4.6
1050	5.73	225	150	22.7	82	6.59	-22	0.77	4.8
1055	5.73	225	150	20.8	83	6.54	-44	0.68	5.5
1100	5.73	225	150	21.0	82	6.51	-54	0.64	5.0
1105	5.73	225	150	21.4	82	6.53	-47	0.55	3.2
1110	5.73	225	150	22.0	82	6.60	-44	0.56	3.4
1115	5.73	230	150	23.0	82	6.73	-49	0.54	3.2
1120	5.73	100	150	20.8	83	6.79	-57	0.63	4.3
1125	5.73	100	150	20.6	82	6.80	-69	0.58	4.0
1130	5.73	100	150	20.7	82	6.86	-78	0.56	3.9
1135	5.73	100	150	20.7	82	6.88	-78	0.54	3.3
End of development									

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)
4. Well was purged by pumping at a high rate until stabilization of pH (+/-0.1), temperature (3%), specific conductivity (3%), and turbidity (10%,<1) between three consecutive measurements was achieved.

APPENDIX C

Well Sampling - Field Water Quality Measurements

Location: (Site/Facility Name) Factory H Meriden, CT
Well Number: MW-6 Date: 7/30/01
Field Personnel: Corey Rousseau
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 15 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
1110	9.09	150	250	--	--	--	--	--	--
1115	9.25	150	250	12.2	36.3	6.25	25	0.46	3.3
1120	9.26	150	200	12.1	35.2	6.22	26	0.28	1.6
1125	9.26	150	200	12.0	34.8	6.21	26	0.25	2.9
1130	9.26	150	200	12.0	34.7	6.16	28	0.23	1.40
1135	9.26	150	200	12.0	34.6	6.11	30	0.22	0.80
1140	9.26	150	200	12.0	34.6	6.08	31	0.23	0.40
1145	9.26	150	200	12.0	34.7	6.03	33	0.23	0.05
1150	9.26	150	250	11.9	34.6	6.00	35	0.25	0.00
1155	9.26	150	200	12.0	34.6	5.98	36	0.23	0.00
1200	9.26	150	200	12.1	34.6	5.98	36	0.23	0.00
1205	Sampled								

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

Well Sampling - Field Water Quality Measurements

Location: (Site/Facility Name) Factory H Meriden, CT
Well Number: VMCC MW-2 Date: 7/30/01
Field Personnel: Corey Rousseau
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 10 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
1110	7.22	150	250	--	--	--	--	--	--
1115	7.28	150	250	13.4	53	6.56	177	1.03	3.4
1120	7.28	150	250	13.3	52	6.24	175	0.44	0.7
1125	7.28	150	250	13.2	52	6.13	171	0.39	0.3
1130	7.28	150	250	13.1	53	6.12	166	0.35	0.25
1135	7.28	150	250	13.2	52	6.12	162	0.34	0.10
1140	7.28	150	250	13.1	52	6.14	158	0.36	0.00
1142	Sampled								

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

Well Sampling - Field Water Quality Measurements

Location: (Site/Facility Name) Factory H Meriden, CT
Well Number: MW-3 Date: 7/30/01
Field Personnel: Corey Rousseau
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 13 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
940	9.53	180	--	--	--	--	--	--	--
945	9.56	150	225	12.9	37.6	6.69	322	1.31	15
950	9.60	150	200	13.1	36.0	6.66	323	1.11	6.1
955	9.60	150	200	13.2	36.0	6.65	326	1.25	2.8
1000	9.62	150	200	13.4	36.4	6.64	323	1.40	1.5
1005	9.65	150	200	13.4	37.1	6.65	319	1.43	0.70
1010	9.66	150	200	13.3	37.4	6.65	319	1.47	0.75
1015	9.66	150	175	13.4	37.4	6.65	319	1.58	0.55
1020	9.66	150	175	13.5	37.3	6.65	320	1.62	0.75
1025	9.67	150	150	13.5	37.5	6.66	321	1.70	1.3
1030	9.68	150	125	13.6	37.7	6.66	320	1.99	2.2
1035	9.68	180	150	13.7	37.7	6.66	319	1.99	1.3
1040	9.69	145	150	13.4	37.8	6.65	315	2.00	0.85
1045	9.70	145	175	13.3	37.9	6.66	316	2.01	0.95
1050	9.71	145	175	13.3	38.1	6.65	310	2.01	0.50
1055	Sampled								
*1045 the battery was switched									

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

Well Sampling - Field Water Quality Measurements

Location: (Site/Facility Name) Factory H Meriden, CT
Well Number: MW-5 Date: 7/30/01
Field Personnel: Amy Adams
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 12 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
940	6.79	150	250	--	--	--	--	--	--
945	6.99	150	250	13.9	43	6.6	-113	1.27	6.1
950	7.13	150	250	13.9	43	6.37	-109	0.72	3.6
955	7.19	150	250	14.0	43	6.33	-111	0.65	1.5
1000	7.23	150	250	14.0	43	6.33	-114	0.59	1.3
1005	7.19	120	200	14.1	42	6.43	-121	0.52	0.65
1010	7.19	120	200	14.2	42	6.55	-129	0.49	0.70
1015	7.19	120	200	14.2	42	6.59	-133	0.45	0.35
1020	7.19	120	200	14.2	42	6.6	-134	0.43	0.35
1025	7.19	120	200	14.1	42	6.61	-136	0.40	0.15
1030	7.19	120	200	14.1	42	6.61	-137	0.38	0.05
1035	7.19	120	200	14.0	42	6.61	-139	0.36	0.00
1037	Sampled								

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

Well Sampling - Field Water Quality Measurements

Location: (Site/Facility Name) Factory H Meriden, CT
Well Number: MW-1 Date: 7/30/01
Field Personnel: Amy Adams
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 12 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
750	9.79	150	250	--	--	--	--	--	--
755	9.79	150	250	12.0	37	6.40	255	3.77	0.70
800	9.83	150	250	12.0	36	6.78	235	3.26	0.60
805	9.83	150	250	12.0	35	6.80	233	3.79	0.35
810	9.83	150	250	12.0	35	6.81	233	4.06	0.15
815	9.83	150	250	11.9	35	6.80	232	4.28	0.10
820	9.83	150	250	11.9	35	6.80	232	5.35	0.20
825	9.83	150	250	12.0	35	6.79	231	5.26	0.05
830	9.83	150	250	11.9	35	6.77	231	5.16	0.00
835	Sampled								

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

Well Sampling - Field Water Quality Measurements

Location: (Site/Facility Name) Factory H Meriden, CT
Well Number: MW-2 Date: 7/30/01
Field Personnel: Corey Rousseau
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 13 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
805	9.84	180	225	--	--	--	--	--	--
810	9.84	150	225	12.9	53.9	6.61	246	5.06	0.89
815	9.84	150	250	12.8	53.3	6.58	269	4.88	0.09
820	9.84	150	240	12.8	53.5	6.59	291	4.92	0.00
825	9.84	150	250	12.8	53.2	6.6	301	4.96	0.00
830	9.84	150	250	12.8	53.2	6.63	300	4.96	0.00
835	9.84	150	250	12.8	53.2	6.65	293	4.95	0.00
840	9.84	150	250	12.9	53.2	6.66	288	4.93	0.00
845	Sampled								

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

Well Sampling - Field Water Quality Measurements

Location: (Site/Facility Name) HUB Mall Meriden, CT
Well Number: MW-1 Date: 7/30/01
Field Personnel: Corey Rousseau
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 12 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
1300	8.62	150	--	--	--	--	--	--	--
1305	8.64	150	200	16.0	52.4	7.80	264	4.44	0.25
1310	8.64	150	225	15.7	52.3	7.84	270	4.39	0.20
1315	8.65	150	225	15.7	52.1	7.86	276	4.40	0.05
1320	8.65	150	225	15.7	51.3	7.87	282	4.35	0.00
1325	8.65	150	250	15.7	51.2	7.87	285	4.34	0.10
1330	8.65	150	225	15.9	50.9	7.89	288	4.34	0.15
1335	8.65	150	225	15.8	50.8	7.88	290	4.32	0.00
1340	8.65	150	225	15.8	50.5	7.87	292	4.31	0.00
1345	8.65	150	225	15.7	50.5	7.85	294	4.30	0.00
0:00	Sampled								

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

Well Sampling - Field Water Quality Measurements

Location: (Site/Facility Name) HUB Mall Meriden, CT
Well Number: MW-3 Date: 7/31/01
Field Personnel: Amy Adams
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 11 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
810	6.13	150	225	--	--	--	--	--	--
815	6.17	150	225	16.7	71	6.42	-50	1.31	1.1
820	6.18	150	225	17.0	70	6.34	-63	0.42	1.2
825	6.18	150	225	17.3	70	6.37	-68	0.38	1.5
830	6.18	150	225	17.5	71	6.37	-70	0.36	1.2
835	6.18	150	225	17.8	72	6.36	-74	0.35	1.3
840	6.18	150	225	17.9	74	6.36	-79	0.34	0.75
845	6.18	150	225	18.0	75	6.35	-83	0.34	0.15
850	6.18	150	225	18.1	76	6.36	-86	0.34	0.10
900	Sampled								

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

Well Purging - Field Water Quality Measurements

Location: (Site/Facility Name) Factory H Meriden, CT
Well Number: MW-6 Date: 7/23/01
Field Personnel: Amy Adams
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 15 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
1140	9.03	150	225	--	--	--	--	--	--
1145	9.49	150	225	12.9	37	6.02	1	2.37	40.0
1150	9.34	150	225	12.6	35	5.73	16	1.39	23
1155	9.31	150	225	12.9	34	5.60	24	1.03	21
1200	9.34	175	275	12.4	34	5.54	28	0.97	10
1205	9.38	175	275	12.2	35	5.53	30	0.95	9.2
1210	9.37	175	275	12.2	35	5.53	31	0.89	9.2
End of development									

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)
4. Well was purged by pumping at a high rate until stabilization of pH (+/-0.1), temperature (3%), specific conductivity (3%), and turbidity (10%,<1) between three consecutive measurements was achieved.

Well Purging - Field Water Quality Measurements

Location: (Site/Facility Name) Factory H Meriden, CT
Well Number: VMCC MW-2 Date: 7/23/01
Field Personnel: Amy Adams
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 10 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
1310	7.14	150	300	--	--	--	--	--	--
1315	7.26	150	300	15.3	54	6.38	123	1.63	2.4
1320	7.24	150	300	14.3	54	6.15	116	0.39	2.1
1325	7.24	150	300	14.3	53	5.96	132	0.34	1.1
1330	7.24	150	300	14.4	53	5.94	136	0.33	1.1
1335	7.24	150	300	14.5	52	5.93	140	0.35	0.65
End of development									

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)
4. Well was purged by pumping at a high rate until stabilization of pH (+/-0.1), temperature (3%), specific conductivity (3%), and turbidity (10%,<1) between three consecutive measurements was achieved.

Well Purging - Field Water Quality Measurements

Location: (Site/Facility Name) Factory H Meriden, CT
Well Number: MW-3 Date: 7/23/01
Field Personnel: Amy Adams
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 13 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
1200	9.41	135	150	--	--	--	--	--	--
1205	9.63	135	150	14.4	40	6.48	276	2.75	8.3
1210	9.61	135	140	14.3	39	6.44	263	2.20	5.4
1215	9.58	135	125	14.3	39	6.45	260	2.01	6.1
1220	9.58	115	90	14.4	39	6.46	258	1.73	9.3
1225	9.57	115	90	14.5	39	6.47	257	1.81	7.3
1230	9.57	145	100	14.2	38	6.43	259	1.76	5.4
1235	9.57	145	100	14.1	38	6.36	264	1.77	5.3
1240	9.57	145	100	14.4	38	6.29	268	1.84	4.9
1245	9.57	150	100	14.3	38	6.23	273	1.96	4.9
1250	9.57	175	100	14.7	38	6.19	275	2.02	4.8
		*battery beginning to die							
End of development									

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)
4. Well was purged by pumping at a high rate until stabilization of pH (+/-0.1), temperature (3%), specific conductivity (3%), and turbidity (10%,<1) between three consecutive measurements was achieved.

Well Purging - Field Water Quality Measurements

Location: (Site/Facility Name) Factory H Meriden, CT
Well Number: MW-5 Date: 7/23/01
Field Personnel: Amy Adams
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 12 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
1605	6.75	150	100	--	--	--	--	--	--
1610	7.28	150	100	14.7	45	6.25	-108	1.05	1.5
1615	7.18	150	100	14.5	46	5.92	-102	0.57	1.1
1620	7.13	150	100	14.5	46	5.84	-98	0.55	1.2
1625	7.11	150	100	14.5	46	5.83	-98	0.51	0.85
1630	7.08	150	100	14.5	45	5.84	-96	0.5	0.4
End of development									

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)
4. Well was purged by pumping at a high rate until stabilization of pH (+/-0.1), temperature (3%), specific conductivity (3%), and turbidity (10%,<1) between three consecutive measurements was achieved.

Nobis CONCORD, NH - LAWRENCE, MA	PROJECT FACTORY H MERIDEN, CONNECTICUT	WELL NO. FD-01-3 SHEET 3 of 4 FILE NO. 67030 T500 CHKD. BY

Boring Co.	Mark Schock Glacier Drilling	Boring Location	See Site Sketch
Driller	Mark Schock	Top of PVC Elev.	TBM
Engineer	Courtney Moore	Date Start 7/24/01	Date End 7/24/01

Sampler: Unless otherwise noted, sampler consists of a 2-inch split spoon driven by a 140-lb. hammer free-falling 30-inches.
Casing: Unless otherwise noted, casing driven using a 300-lb. hammer falling 24-inches.
Casing Size: Other: 4-1/4-inch hollow-stem auger

Groundwater Readings (from top of PVC)				
Date	Time	Depth	Elev.	Stabilization Time
			0	upon completion

DEPTH	SAMPLE No.	PEN/ REC.	DEPTH (ft)	BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION BURMISTER CLASSIFICATION	STRATUM DESC.	WELL INSTALLATION	REMKS
35	13	24/24	35-37	4/10	0	Same as above.			
				12/11					
40	14	24/12	40-42	1/7	0	Same as above.			
				8/9					
45	15	24/13	45-47	4/12	0	Reddish-Brown Dense Sand with clay, gravel, and silt, saturated. (SW)			
				11/8					

REMARKS:

NOTES:
1) Stratification lines represent approximate boundaries between soil types; Actual transitions may be gradual and varied.
2) Fluctuations in water levels will occur due to conditions different from those present at the time these measurements were made.
3) PID=in-air concentration of total volatile organic compounds (VOCs) as measured with a photoionization detector (PID). Readings less than 1.0 are considered 'Below Detection'.

Nobis CONCORD, NH - LAWRENCE, MA	PROJECT FACTORY H MERIDEN, CONNECTICUT	WELL NO. FD-01-3 SHEET 1 of 4 FILE NO. 67030 T500 CHKD. BY

Boring Co.	Mark Schock Glacier Drilling	Boring Location	See Site Sketch
Driller	Mark Schock	Top of PVC Elev.	TBM
Engineer	Courtney Moore	Date Start 7/24/01	Date End 7/24/01

Sampler: Unless otherwise noted, sampler consists of a 2-inch split spoon driven by a 140-lb. hammer free-falling 30-inches.
Casing: Unless otherwise noted, casing driven using a 300-lb. hammer falling 24-inches.
Casing Size: Other: 4-1/4-inch hollow-stem auger

Groundwater Readings (from top of PVC)				
Date	Time	Depth	Elev.	Stabilization Time
			0	upon completion

DEPTH	SAMPLE No.	PEN/ REC.	DEPTH (ft)	BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION BURMISTER CLASSIFICATION	STRATUM DESC.	WELL INSTALLATION	REMKS
						1" Tongue and Groove Wood 3" Plywood, 6" Concrete			
	1	24/11	1-3	16/18	0	Reddish-Brown Very Dense Sand with silt and			
				16/22		gravel. (SW)			
	2	24/10	3-5	35/27	0	2" cored stone.			
				25/20		6" same as above. 2" coal ash.			
5	3	24/20	5-7	5/4	0	16" coal ash, green, coal slag, and ceramic			
				3/1		insulator.			
						4" Reddish-Brown Medium Stiff Clay. (CH)			
	4	24/14	7-9	3/3	0	Reddish-Brown Stiff Clay with sand and silt, moist. (CH)			
				4/5					
	5	24/21	9-11	2/2	0	11" Brown Medium Dense Sand and Silt with clay,			
				2/2		saturated. (SP)			
10						12" cored wood.			
	6	24/12	11-13	4/6	0	Reddish-Brown Medium Dense Sand with clay, gravel,			
				8/12		and silt, saturated. (SW)			
	7	24/16	13-15	8/8	0	Reddish-Brown Very Stiff Clay with sand and silt,			
				8/10		saturated. (CH)			
15	8	24/18	15-17	1/8	0	Reddish-Brown Very Stiff Clay and Silt, saturated. (CH)			
				6/8					
	9	24/20	17-19	7/9	0	Reddish-Brown Very Stiff Clay and Silt, saturated. (CH)			
				9/7					

REMARKS:
1) Groundwater first noted at approximately 7 feet.

NOTES:
1) Stratification lines represent approximate boundaries between soil types; Actual transitions may be gradual and varied.
2) Fluctuations in water levels will occur due to conditions different from those present at the time these measurements were made.
3) PID=in-air concentration of total volatile organic compounds (VOCs) as measured with a photoionization detector (PID). Readings less than 1.0 are considered 'Below Detection'.

Nobis CONCORD, NH - LAWRENCE, MA	PROJECT FACTORY H MERIDEN, CONNECTICUT	WELL NO. FD-01-3 SHEET 2 of 4 FILE NO. 67030 T500 CHKD. BY

Boring Co.	Mark Schock Glacier Drilling	Boring Location	See Site Sketch
Driller	Mark Schock	Top of PVC Elev.	TBM
Engineer	Courtney Moore	Date Start 7/24/01	Date End 7/24/01

Sampler: Unless otherwise noted, sampler consists of a 2-inch split spoon driven by a 140-lb. hammer free-falling 30-inches.

Casing: Unless otherwise noted, casing driven using a 300-lb. hammer falling 24-inches.

Casing Size: Other: 4-1/4-inch hollow-stem auger

Groundwater Readings (from top of PVC)

Date	Time	Depth	Elev.	Stabilization Time
			0	upon completion

DEPTH	SAMPLE No.	PEN/ REC.	DEPTH (ft)	BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION BURMISTER CLASSIFICATION	STRATUM DESC.	WELL INSTALLATION	REMKS
	10	24/16	19-21	6/6	0	Same as above.			
				3/11					
20									
25	11	24/14	25-27	6/6	0	Reddish Brown Sand with clay and silt,			
				5/4		saturated. (SW)			
30	12	24/24	30-32	2/3	0	Reddish Brown Stiff Silt with clay and sand,			
				5/6		saturated. (ML)			

REMARKS:

NOTES:
1) Stratification lines represent approximate boundaries between soil types; Actual transitions may be gradual and varied.
2) Fluctuations in water levels will occur due to conditions different from those present at the time these measurements were made.
3) PID=in-air concentration of total volatile organic compounds (VOCs) as measured with a photoionization detector (PID). Readings less than 1.0 are considered 'Below Detection'.

Nobis CONCORD, NH - LAWRENCE, MA	PROJECT FACTORY H MERIDEN, CONNECTICUT	WELL NO. FD-01-2 SHEET 1 of 2 FILE NO. 67030 T500 CHKD. BY

Boring Co.	Mark Schock Glacier Drilling	Boring Location	See Site Sketch
Driller	Mark Schock	Top of PVC Elev.	TBM
Engineer	Courtney Moore	Date Start 7/23/01	Date End 7/23/01

Sampler: Unless otherwise noted, sampler consists of a 2-inch split spoon driven by a 140-lb. hammer free-falling 30-inches.
Casing: Unless otherwise noted, casing driven using a 300-lb. hammer falling 24-inches.
Casing Size: Other: 4-1/4-inch hollow-stem auger

Groundwater Readings (from top of PVC)				
Date	Time	Depth	Elev.	Stabilization Time
			0	upon completion

DEPTH	SAMPLE No.	PEN/ REC.	DEPTH (ft)	BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION BURMISTER CLASSIFICATION	STRATUM DESC.	WELL INSTALLATION	REMKS
						1" Tongue and Groove Wood 3" Plywood, 6" Concrete			
	1	24/21	1-3	11/26	0	Reddish-Brown Very Dense Silty Sand with			
				21/25		Gravel. (SW)			
	2	24/11	3-5	17/32	0	8" Same as above.			
				18/20		3" Black coal ash.			
5	3	24/18	5-7	3/1		6" Black coal ash, moist.			1
				1/2		6" Dark Brown coal ash and Soft Clayey Silt, moist. (ML)			
						6" Reddish-Brown Very Loose Clayey Silty Sand,			
						moist. (SP)			
	4	24/22	7-9	4/5	0	Reddish-Brown Very Stiff Silty Clay with sand,			
				9/8		moist. (CL)			
	5	24/11	9-11	8/8	0	Reddish-Brown Medium Dense Silty Sand with clay			
				3/3		and gravel, saturated. (SW)			
10									
	6	24/10	11-13	3/4	0	Reddish-Brown Medium Dense Sand with clay, silt			
				8/6		and gravel, saturated. (SW)			
	7	24/6	13-15	2/3	0	6" Reddish-Brown Very Stiff Clay, saturated (CH)			
				8/6		18" Running Sand.			
15	8	24/16	15-17	6/6	0	8" Blown-in Soil. 5" Reddish-Brown Medium Dense			
				5/7		Sand with silt, clay and gravel, saturated. (SW) 3"			
						Reddish-Brown Medium Dense Sand and Silt, saturated.			
						(SW)			
	9	24/24	17-19	5/5	0	6" Reddish-Brown Medium Dense Sand with gravel,			
				4/5		saturated. (SW) 5" Reddish-Brown Medium Dense Sand			
						and Silt, saturated. (SP) 7" Reddish-Brown Medium			
						Dense Sand with gravel, saturated. (SW) 6" Reddish-			
						Brown Medium Dense Sand and Silt, saturated. (SP)			

REMARKS:
1) Groundwater first noted at approximately 5 feet.

NOTES:
1) Stratification lines represent approximate boundaries between soil types; Actual transitions may be gradual and varied.
2) Fluctuations in water levels will occur due to conditions different from those present at the time these measurements were made.
3) PID=in-air concentration of total volatile organic compounds (VOCs) as measured with a photoionization detector (PID). Readings less than 1.0 are considered 'Below Detection'.

Nobis CONCORD, NH - LAWRENCE, MA	PROJECT FACTORY H MERIDEN, CONNECTICUT	WELL NO. FD-01-2 SHEET 2 of 2 FILE NO. 67030 T500 CHKD. BY

Boring Co.	Mark Schock Glacier Drilling	Boring Location	See Site Sketch		
Driller	Mark Schock	Top of PVC Elev.		TBM	
Engineer	Courtney Moore	Date Start	7/23/01	Date End	7/23/01

Sampler: Unless otherwise noted, sampler consists of a 2-inch split spoon driven by a 140-lb. hammer free-falling 30-inches.

Casing: Unless otherwise noted, casing driven using a 300-lb. hammer falling 24-inches.

Casing Size: Other: 4-1/4-inch hollow-stem auger

Groundwater Readings (from top of PVC)

Date	Time	Depth	Elev.	Stabilization Time
			0	upon completion

DEPTH	SAMPLE No.	PEN/ REC.	DEPTH (ft)	BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION BURMISTER CLASSIFICATION	STRATUM DESC.	WELL INSTALLATION	REMKS
									2
	10	24/24	19-21	4/6	0	Same as above			
				10/8					
20									
						Exploration ended at 21' bgs.			
25									
30									

REMARKS:

2) No groundwater monitoring well was installed at this boring location.

NOTES:

1) Stratification lines represent approximate boundaries between soil types; Actual transitions may be gradual and varied.
2) Fluctuations in water levels will occur due to conditions different from those present at the time these measurements were made.
3) PID=in-air concentration of total volatile organic compounds (VOCs) as measured with a photoionization detector (PID). Readings less than 1.0 are considered 'Below Detection'.

CONCORD, NH - LAWRENCE, MA	PROJECT FACTORY H MERIDEN, CONNECTICUT	WELL NO. FD-01-1 (MW-6) SHEET 1 of 2 FILE NO. 67030 T500 CHKD. BY

Boring Co.	Mark Schock Glacier Drilling	Boring Location	See Site Sketch
Driller	Mark Schock	Top of PVC Elev.	TBM
Engineer	Courtney Moore	Date Start 7/23/01	Date End 7/23/01

Sampler: Unless otherwise noted, sampler consists of a 2-inch split spoon driven by a 140-lb. hammer free-falling 30-inches.

Casing: Unless otherwise noted, casing driven using a 300-lb. hammer falling 24-inches.

Casing Size: Other: 4-1/4-inch hollow-stem auger

Groundwater Readings (from top of PVC)

Date	Time	Depth	Elev.	Stabilization Time
			0	upon completion

DEPTH	SAMPLE No.	PEN/ REC.	DEPTH (ft)	BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION BURMISTER CLASSIFICATION	STRATUM DESC.	WELL INSTALLATION	REMKS
						1" Tongue and Groove Wood, 3" Plywood, 7" Concrete		Curb box	0-1'
	1	24/12	1-3	10/11	0	Reddish-Brown Dense Well graded silty Sand		Concrete seal	0-1'
				15/12		and gravel. (SW)		Filter sand	1-4'
								Bentonite seal	
	2	24/11	3-5	10/11	0	3" same as above			
				4/3		8" Black Medium Dense Black Silty Sand with clay. (SP)		2" PVC riser pipe	0-4'
						and gravel. (SW)		2" PVC well screen	4-18'
5	3	24/19	5-7	3/2	0	7" Reddish-Brown Medium Stiff Silty Clay and sand. (CL)			
				3/2		12" Reddish-Brown Medium Stiff Silty Clay with sand. (CL)			
	4	24/21	7-9	7/6	0	Reddish-Brown Stiff Sitly Clay. (OH/CH)			
				6/6		Lower 4" saturated			
	5	24/20	9-11	3/5	0	9" Reddish-Brown Stiff Silty Clay with sand,			1
				3/2		moist. (OH/CH)			
10						12" Reddish Brown Stiff Clayey Silt with sand, saturated. (OH/MH)			
	6	24/18	11-13	3/5	0	3" Reddish-Brown Very Stiff Clayey Silt with sand. (MH)			
				10/8		8" Reddish-Brown Medium Dense Sand and Silt, with clay. (SW)			
						7" Reddish-Brown Medium Dense Sand and Silt with gravel. (SP)			
	7	24/14	13-15	6/6	0	Reddish-Brown Very Stiff Sandy Silt with clay,			
				6/7		saturated. (MH)			
15	8		15-17	2/5	0	Reddish-Brown Very Stiff Silt with sand and clay,			
				5/6		saturated. (MH)			
	9	24/24	17-19	5/4	0	Reddish-Brown Stiff Silt with sand, saturated. (MH)			
				4/7					

REMARKS:

1) Groundwater first noted at approximately 8.6 feet.

NOTES:

1) Stratification lines represent approximate boundaries between soil types; Actual transitions may be gradual and varied.
2) Fluctuations in water levels will occur due to conditions different from those present at the time these measurements were made.
3) PID=in-air concentration of total volatile organic compounds (VOCs) as measured with a photoionization detector (PID). Readings less than 1.0 are considered 'Below Detection'.

CONCORD, NH - LAWRENCE, MA	PROJECT FACTORY H MERIDEN, CONNECTICUT	WELL NO. FD-01-1 SHEET 2 of 2 FILE NO. 67030 T500 CHKD. BY

Boring Co.	Mark Schock Glacier Drilling	Boring Location	See Site Sketch		
Driller	Mark Schock	Top of PVC Elev.		TBM	
Engineer	Courtney Moore	Date Start	7/23/01	Date End	7/23/01

Sampler: Unless otherwise noted, sampler consists of a 2-inch split spoon driven by a 140-lb. hammer free-falling 30-inches.

Casing: Unless otherwise noted, casing driven using a 300-lb. hammer falling 24-inches.

Casing Size: Other: 4-1/4-inch hollow-stem auger

Groundwater Readings (from top of PVC)

Date	Time	Depth	Elev.	Stabilization Time
			0	upon completion

DEPTH	SAMPLE No.	PEN/ REC.	DEPTH (ft)	BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION BURMISTER CLASSIFICATION	STRATUM DESC.	WELL INSTALLATION	REMKS
								2" PVC well screen	
	10	24/24	19-21	6/11	0	Reddish-Brown Hard Silt with sand, saturated. (MH)		Filter sand	6-19'
				13/11					
20									
						End of exploration at 21' bgs.			
25									
30									

REMARKS:

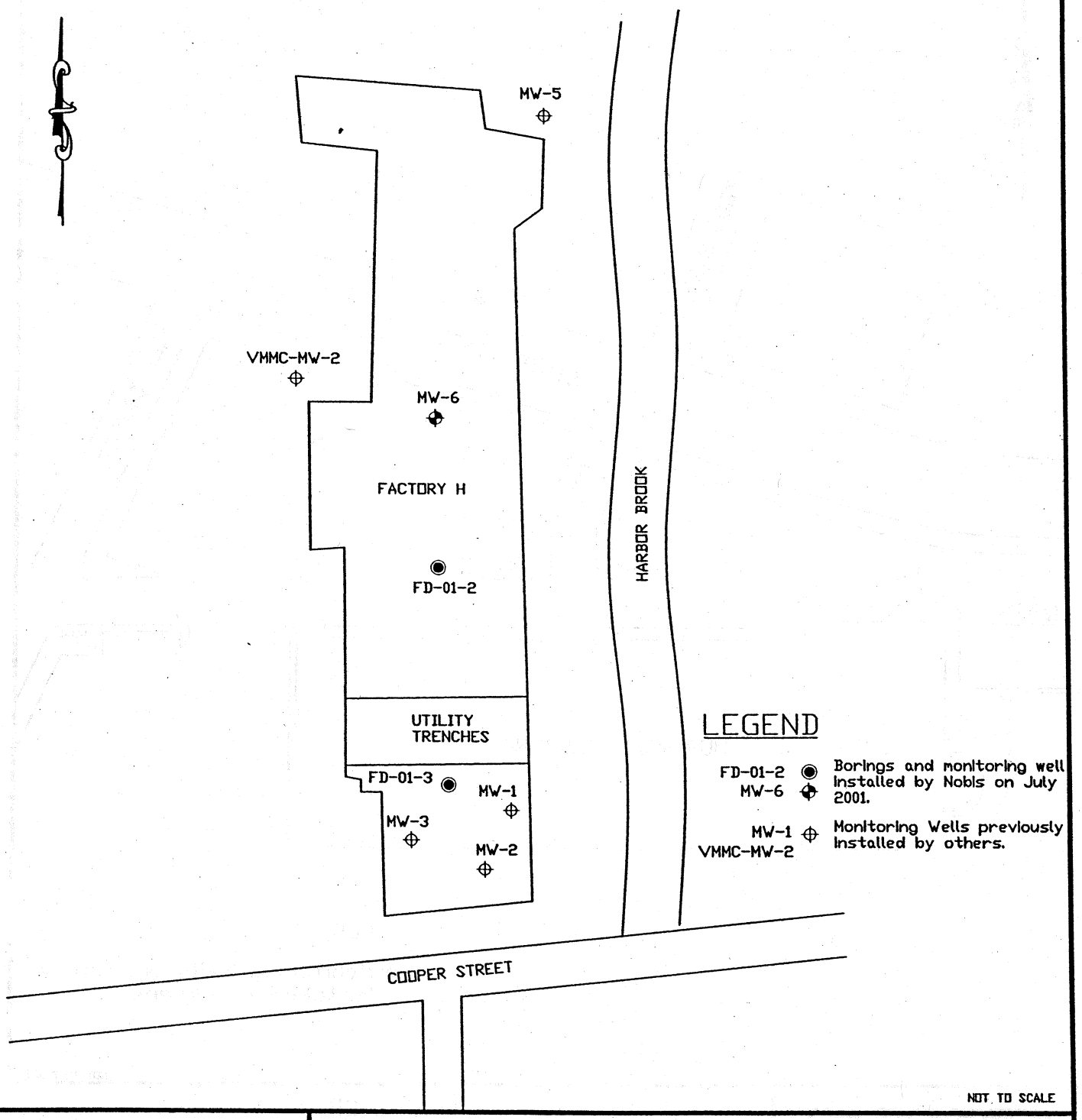
2) Groundwater monitoring well installed to a depth of approximately 19 feet upon completion of the boring.

NOTES:

1) Stratification lines represent approximate boundaries between soil types; Actual transitions may be gradual and varied.
2) Fluctuations in water levels will occur due to conditions different from those present at the time these measurements were made.
3) PID=in-air concentration of total volatile organic compounds (VOCs) as measured with a photoionization detector (PID). Readings less than 1.0 are considered 'Below Detection'.

APPENDIX A

DWG NAME: FactoryH



Nobis Engineering, Inc.
One Griffin Brook Drive
Suite 204
Methuen, MA 01844
Tel (978) 683-0891
Fax (978) 683-0966

FIGURE 2A

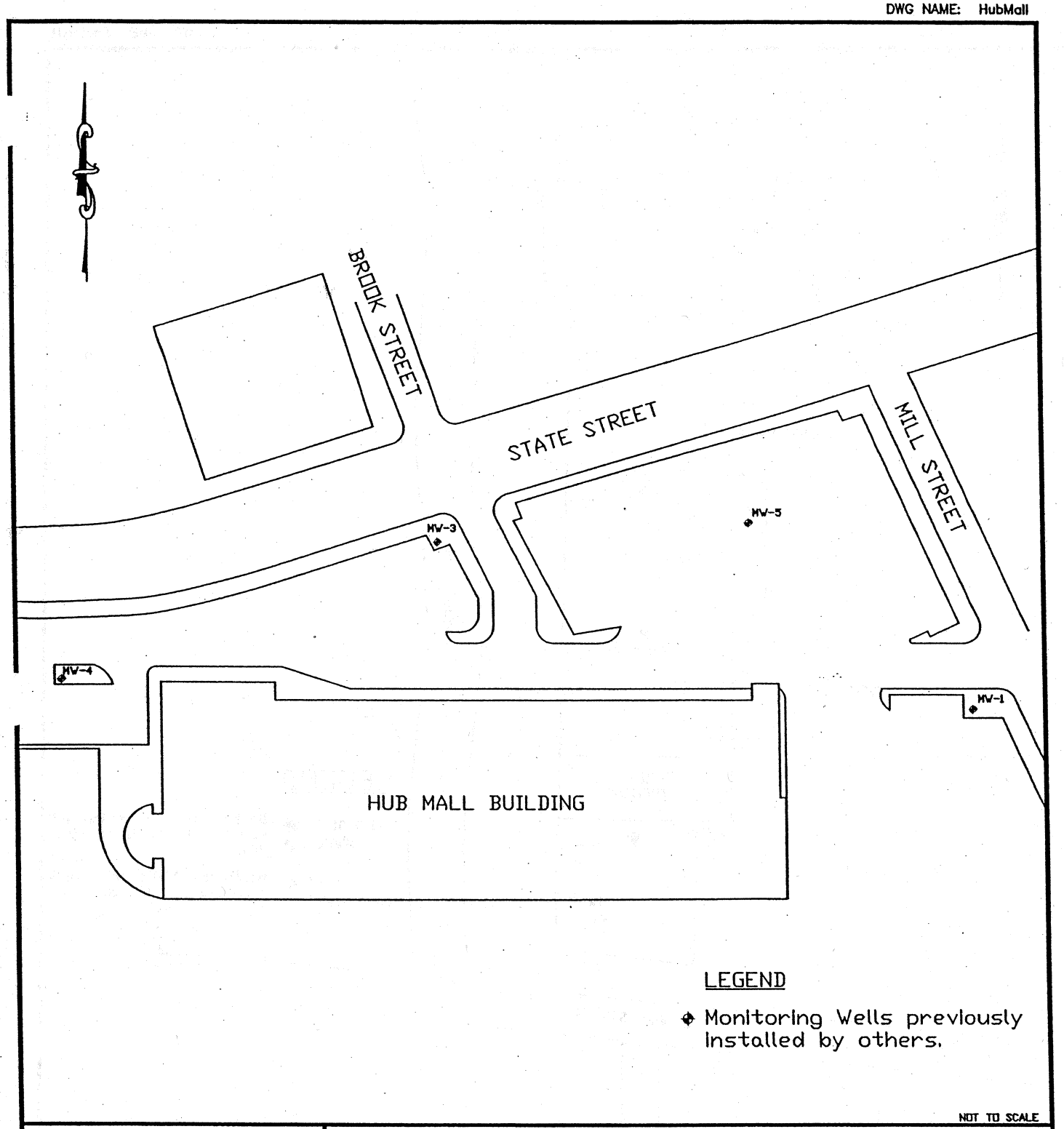
SITE PLAN

FACTORY H
COOPER STREET
MERIDEN, CONNECTICUT

PROJECT 67030

OCTOBER 2001

DWG NAME: HubMall



Nobis

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FIGURE 2B

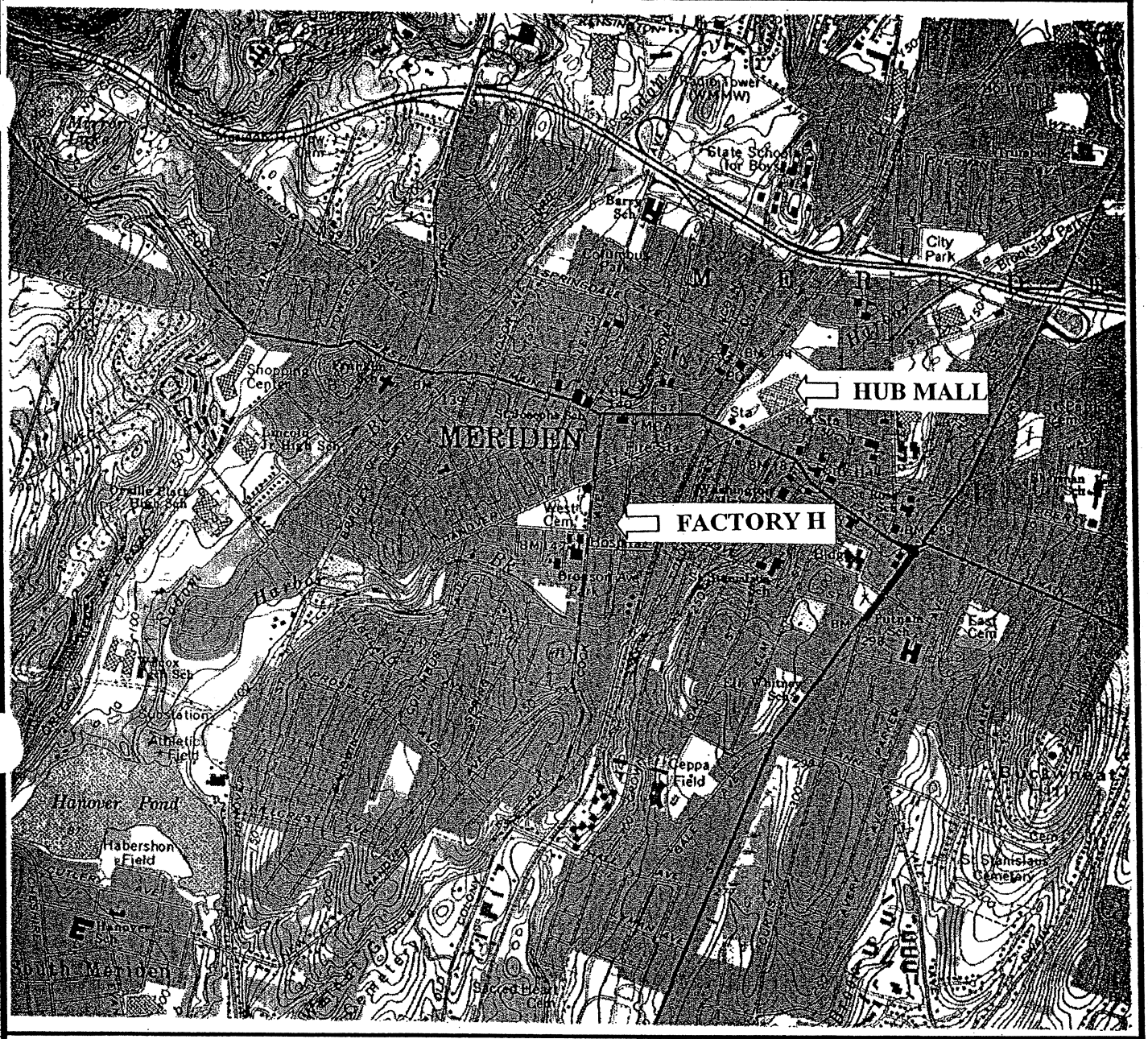
SITE PLAN

HUB MALL
STATE STREET
MERIDEN, CONNECTICUT

PROJECT 67030

OCTOBER 2001

DWG. NAME: MeridenLocus



NORTH

USGS TOPOGRAPHIC MAP

MERIDEN, CONNECTICUT

1992

APPROXIMATE SCALE
1:24,000

Nobis

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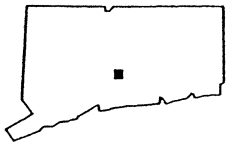

QUADRANGLE LOCATION

FIGURE 1

LOCUS PLAN

FACTORY H & HUB MALL
COOPER ST. & STATE ST.
MERIDEN, CONNECTICUT

PROJECT 67030

OCTOBER 2001

FIGURES

Table 1
SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES
Factory H
Meriden, Connecticut

Parameter / Sample ID / Sample Depth	Locations: FD-01-1-0709 7 - 9 feet	FD-01-1-1921 19 - 21 feet	FD-01-2-1921 19 - 21 feet	FD-01-3-1921 19 - 21 feet	FD-01-3-1921 19 - 21 feet DUP	FD-01-2-0305 3 - 5 feet	FD-01-3-0507 5 - 7 feet	Residential Exposure Criteria	Industrial/ Commercial Criteria	Industrial/ Commercial Volitization Criteria	GB Mobility Criteria
VOCs (mg/Kg)											
Benzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0017	< 0.001	21	200	113	0.2
Toluene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	500	1,000	2615	67
Ethylbenzene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	500	1,000	5672	10.1
Xylenes	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	500	1,000	1702	19.5
MTBE	< 0.001	< 0.001	0.0015	< 0.001	< 0.001	< 0.001	< 0.001	500	1,000	3415	20
Naphthalene	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	1,000	2,500	NA	56
2-Butanone (Methyl Ethyl Ketone)	0.012	0.008	0.004	0.006	0.005	0.008	0.005	500	1,000	8285	80
Acetone	0.061	0.029	0.024	0.037	0.032	< 0.001	0.018	500	1,000	8250	140
Bromochloromethane	< 0.001	< 0.001	< 0.001	0.0016	0.0015	< 0.001	< 0.001	NA	NA	NA	NA
Oher VOCs	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	NA	NA	NA	NA
SVOCs (mg/Kg)											
Phenol (CCC,MS)	1.06	< 0.41	< 0.38	< 0.48	< 0.45	< 0.40	< 0.37	1,000	2,500	NA	800
Phenanthrene	< 0.43	< 0.41	< 0.38	< 0.48	< 0.45	1.86	0.41	1,000	2,500	NA	40
Anthracene	< 0.43	< 0.41	< 0.38	< 0.48	< 0.45	0.77	< 0.37	1,000	2,500	NA	400
Fluoranthene (CCC)	< 0.43	< 0.41	< 0.38	< 0.48	< 0.45	1.22	0.87	1,000	2,500	NA	56
Pyrene (MS)	< 0.43	< 0.41	< 0.38	< 0.48	< 0.45	0.85	0.81	1,000	2,500	NA	40
Chrysene	< 0.43	< 0.41	< 0.38	< 0.48	< 0.45	0.67	0.68	NA	NA	NA	NA
Benzo(a)anthracene	< 0.43	< 0.41	< 0.38	< 0.48	< 0.45	< 0.40	0.55	1	7.8	NA	1
Benzo(b)fluoranthene	< 0.43	< 0.41	< 0.38	< 0.48	< 0.45	0.46	0.39	1	7.8	NA	1
Benzo(k)fluoranthene	< 0.43	< 0.41	< 0.38	< 0.48	< 0.45	< 0.40	0.43	8.4	78	NA	1
Benzo(a)pyrene (CCC)	< 0.43	< 0.41	< 0.38	< 0.48	< 0.45	< 0.40	0.43	1	1	NA	1
Other SVOCs	< 0.43	< 0.41	< 0.38	< 0.48	< 0.45	< 0.40	< 0.37	NA	NA	NA	NA
PCBs (mg/Kg)	< 0.0263	Not Reported	< 0.0220	< 0.0243	< 0.0257	< 0.0244	< 0.0262	1	10	NA	NA
TPH (mg/Kg)	352.03	36.08	28.21	33.06	32.15	712.92	1,458.84	500	2,500	NA	2,500
Metals (mg/Kg)											
Arsenic	2.56	< 1.27	< 1.27	2.12	2.14	4.03	6.26	10	10	NA	NA
Silver	1.02	< 1.02	< 1.02	< 1.02	< 1.02	8.28	4.51	340	10,000	NA	NA
Cadmium	4.09	1.71	2.24	2.12	3.74	4.25	2.50	34	1,000	NA	NA
Chromium	28.7	5.36	9.26	7.14	13.6	13.7	16.8	100	100	NA	NA
Copper	944	18.0	28.6	28.6	20.3	559	6,185	2,500	76,000	NA	NA
Nickel	92.4	< 2.54	< 2.54	< 2.54	< 2.54	55.7	959	1,400	7,500	NA	NA
Lead	33.5	4.63	4.07	4.76	8.28	51.2	83.4	500	1,000	NA	NA
Zinc	177	22.2	37.9	33.9	43.0	177	914	20,000	610,000	NA	NA
Mercury	0.06	< 0.03	< 0.03	< 0.03	< 0.03	0.08	0.11	20	610	NA	NA
Other Metals	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	< 2.54	NA	NA	NA	NA

NOTES:
1) Results are reported as milligrams per kilogram (mg/kg) equivalent to parts per million (ppm), with the exeption of metals which were reported in micrograms per gram also equal to ppm.
2) The samples were collected by Nobis Engineering, Inc. on July 23 and 24, 2001.
3) All analyses were performed by University of Connecticut Environmental Research Institute of Storrs, Connecticut.
4) Residential Criteria and Industrial/Commercial Criteria are referenced in the Regulations of Connecticut State Agencies Direct Exposure for Soil.
5) Inorganic substances and PCB mobility criteria for GB areas are based on TCLP/SPLP sample analyses. The above are total analyses not TCLP/SPLP.
6) Concentrations presented in bold indicate an exceedence of either the Residential Exposure Criteria, or Industrial/Commercial Criteria referenced in the Regulations of Connecticut State Agencies Direct Exposure for Soil.

Table 2
SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES
Factory H and HUB Mall
Meriden, Connecticut

Sample ID	Factory H Locations						HUB Mall Locations					Surface Water Protection Criteria (ppb)	Groundwater Industrial/Commercial Volatilization Criteria (ppb)
Parameter	MW-1	MW-2	VMCC MW-2	MW-3	MW-5	MW-6	MW-1 HM	MW-3 HM	MW-3 HM2	MW-4 HM	MW-5 HM		
VOCs (ug/L)													
Benzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	710	530
Toluene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	4,000,000	50,000
Ethylbenzene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	580,000	50,000
Xylenes	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	50,000
MTBE	5.1	< 1	5.0	< 1	< 1	< 1	< 1	1.3	1.8	< 1	< 1	NA	50,000
Naphthalene	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	NA
Trichloroethene	< 1	1.3	22.1	25.7	< 1	2.3	< 1	2.0	2.0	< 1	< 1	2,340	540
Chloroethene (Vinyl Chloride)	< 1	< 1	< 1	< 1	1.4	< 1	< 1	6.1	7.3	< 1	< 1	15,750	2
Chloroform	< 1	< 1	< 1	< 1	< 1	< 1	1.5	< 1	< 1	< 1	< 1	14,100	710
Dichloromethane	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.0	< 1	NA	NA
(cis)-1,2-Dichloroethene	< 1	< 1	10.6	4.0	38.2	12.6	< 1	16.1	18.3	< 1	< 1	NA	NA
(trans)-1,2-Dichloroethene	< 1	< 1	< 1	< 1	9.9	< 1	< 1	2.7	3.0	< 1	< 1	NA	NA
Other VOCs	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NA	NA
SVOCs (ug/L)	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	NA	NA
PCBs (ug/L)	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.5	NA
TPH (ug/L)	< 50	< 50	210	< 50	< 50	770	110	490	550	110	160	NA	NA
Metals (ug/L)													
Arsenic	< 2	< 2	< 2	< 2	< 2	3	3	4	3	< 2	< 2	4	NA
Silver	< 4	< 4	6	< 4	< 4	5	< 4	< 4	10	6	< 4	12	NA
Copper	27	33	202	30	18	42	10	< 10	< 10	80	< 10	48	NA
Nickel	< 10	187	2,370	17	< 10	213	< 10	15	16	11	< 10	880	NA
Lead	3	< 2	< 2	< 2	2	< 2	7	< 2	3	< 2	2	13	NA
Zinc	31	301	2,140	38	21	173	26	33	< 20	61	21	123	NA
Mercury	< 0.08	0.11	0.09	< 0.08	< 0.08	< 0.08	< 0.08	< 0.08	<0.08	0.10	< 0.08	0.4	NA
Other Metals	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	NA	NA

NOTES:
1) Concentrations presented in bold indicate an exceedence of either the Groundwater Industrial/Commercial Volatilization Criteria, or the Surface Water Protection Criteria.
2) Concentrations are reported as micrograms per liter (µg/L), equivalent to parts per billion (ppb).
3) The samples were collected by Nobis Engineering, Inc. on July 30 and 31, 2001.
4) The analyses were performed by Unviersity of Connecticut Environmental Research Institute of Storrs Connecticut.
5) The groundwater standards refer to the Groundwater Protection Criteria referenced in Sections 22a-133k-1 through 22a-133k-3 of the Regulations of Connecticut State Agencies.

TABLES

including TCE and both (cis)-1,2,-dichloroethene and (trans)-1,2-dichlorethene were also detected in MW-3 at concentrations less than the Industrial/Commercial Volatilization Criteria. Further investigation of this release would be required in order to determine the source and extent of the contamination, and also to assist in the selection of an appropriate remedial action to bring this area into compliance with State of Connecticut Regulations.

- Elevated concentrations of metals exceeding Surface Water Protection Criteria including arsenic, copper, nickel, and zinc were detected in several of the wells at each of the sites. Additional investigation of these releases would be required in order to select an appropriate remedial action.

- Potential ACM consisting of thermal pipe insulation was observed in Factory H during soil boring activities. If the building were to be demolished or renovated in the future, an asbestos inspection would be required prior to any activity to dismiss or confirm the presence of asbestos in Factory H under the Environmental Protection Agency, Title 40 Code of Federal Regulation Part 61, National Emission Standards for Hazardous Air Pollutants (U.S. EPA, 40 CFR Part 61, NESHAP).

On July 30 and 31, 2001, groundwater samples were collected from the monitoring wells at the Hub Mall and Factory H utilizing the U.S. EPA Low-Flow/Low Stress (low flow) Method. Field water quality measurements are included in Appendix C.

5.0 SOIL AND GROUNDWATER LABORATORY ANALYSIS

Soil and groundwater samples from both sites were submitted, under chain of custody, for analysis to the University of Connecticut Environmental Research Institute (UCONN ERI) in Storrs, CT. Soil and groundwater samples and the appropriate QA/QC samples were analyzed for VOCs, SVOCs, RCRA Metals, PCBs, and TPH (GRO and DRO).

5.1 State of Connecticut Regulations

According to the State of Connecticut Water Quality Standard, both Factory H and Hub Mall are located within a groundwater area designated as GB. A GB area is a historically highly-urbanized/industrialized area in which public drinking water is available. Groundwater in these areas is not considered to be potable without treatment. In addition to being located within a GB area, both sites are considered to be located within Industrial/Commercial areas.

No State Groundwater Protection Criteria values have been promulgated for GB areas as they have for GAA and GA areas. However, Surface-Water Protection Criteria for substances detected in groundwater discharging to a stream (which may be presumed in this case for both parcels) and also volatilization criteria for volatile substances detected in groundwater beneath Industrial/Commercial areas have been promulgated, and are cited as necessary in this report.

In addition to groundwater criteria, contaminated soil standards including Industrial/Commercial Direct Exposure Criteria, Mobility Criteria for GB areas, and Industrial/Commercial Volatilization Criteria for soil vapor have been promulgated, and are also cited as necessary in this report.

In summary, groundwater beneath each of the subject properties is subject to Connecticut State Industrial/Commercial Groundwater Volatilization Criteria and Surface-Water Protection Criteria. Soil beneath each of the sites is subject to Industrial/Commercial Soil Volatilization Criteria, Industrial/Commercial Direct Exposure Criteria, and GB Mobility Criteria.

5.2 Soil Laboratory Analysis

Six soil samples were collected during the performance of the soil borings designated as FD-01-1-0709, FD-01-1-1921, FD-01-2-0305, FD-01-2-1921, FD-01-3-0507, and FD-01-3-1921. An additional sample was submitted for analysis for quality assurance (QA) purposes designated as FD-01-3-1921 DUP. In accordance with the SOW, two soil samples were collected from each boring for laboratory analysis. One sample was collected from the groundwater interface, and

the second was collected from the boring terminus. Laboratory analysis of the submitted soil samples indicated that the soil beneath Factory H does not contain concentrations of contaminants that exceed the Industrial/Commercial criteria. However, if the site category changed from Industrial/Commercial to Residential, then TPH in samples FD-01-2-0305 and FD-01-3-0507 and copper in sample FD-01-3-0507 would exceed Residential Criteria.

The PCB sample fraction in sample FD-01-1-1921 was collected by *Nobis* and submitted to UCONN ERI for analysis under chain of custody. As indicated in the laboratory report, the sample was received by the UCONN ERI undamaged in appropriate containers with the correct preservation. The fraction of PCB data was not reported because the extract was lost due to Gel Permeation Chromatography (GPC) error. Due to the misplacement of the sample, the Organic Preparation (OP) laboratory did not have time to perform a re-extraction.

Refer to Table 1 for a summary of the soil sample analytical results and Appendix D for a copy of the laboratory data sheets.

5.3 Groundwater Laboratory Analysis

Eleven groundwater samples were collected from monitoring wells at both the Hub Mall and Factory H. The Hub Mall samples were designated as MW-1 HM, MW-3 HM, MW-4 HM, and MW-5 HM. The Factory H samples were designated as MW-1, MW-2, MW-3, MW-5, MW-6, and VMCC MW-2. An additional sample was submitted for analysis for QA purposes designated as MW-3 HM2. Laboratory analysis of the submitted groundwater samples indicated that only vinyl chloride detected in samples MW-3 HM [6.1 parts per billion (ppb)] and MW-3 HM2 (7.3 ppb) exceeded the Industrial/Commercial Volatilization Criteria (2 ppb). No concentrations in groundwater exceed the Residential Volatilization Criteria at the Factory H site.

The Surface Water Protection Criteria for several metals has been exceeded in a number of samples at both sites. In summary, arsenic exceeded in sample MW-3 HM (4 ppb), copper exceeded in samples VMCC MW-2 (202 ppb) and MW-4 HM (80 ppb), nickel exceeded in sample VMCC MW-2 (2,370 ppb), and zinc exceeded in samples MW-2 (301 ppb), VMCC MW-2 (2,140 ppb), and MW-6 (173 ppb).

Refer to Table 2 for a summary of the groundwater sample analytical results and Appendix D for a copy of the laboratory data sheets.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the work performed, *Nobis* presents the following conclusions and recommendations:

- Elevated concentrations of vinyl chloride were detected in MW-3 located at the Hub Mall site. The presence of this substance may indicate the latter stages of biodegradation of chlorinated solvents. Chlorinated solvents

3.0 SCOPE OF SERVICES

The objective of this project was to complete a Preliminary Environmental Site Investigation (PESI) for the Hub Mall and Factory H locations. The work described herein was based on USACE's SOW dated April 6, 2001 and includes the following tasks:

- Mobilization/demobilization activities
- Advance, and log three soil borings at Factory H and survey using local benchmarks
- Collect soil samples for field screening and analytical testing from Factory H soil borings
- Install and develop one monitoring well at Factory H
- Develop and sample five existing and one new well at Factory H, and four existing wells at Hub Mall
- Submit groundwater samples for analytical testing
- Prepare PESI Report summarizing all pertinent findings

4.0 SOIL BORINGS AND GROUNDWATER SAMPLING

4.1 Soil Borings in Factory H

On July 23 and 24, 2001, three soil borings designated as FD-01-1 through FD-01-3, were advanced at Factory H. The borings were performed by Glacier Drilling of Meriden, CT using a hollow stem auger-drilling rig under the observation of *Nobis*. Borings FD-01-1 and FD-01-2 were advanced to a depth of 21 feet below ground surface (bgs). Boring FD-01-3 was advanced to a depth of 52 feet bgs where auger refusal was met. Soil samples were collected from each boring and analyzed for volatile organic carbons (VOCs), semi-volatile organic carbons (SVOCs), polychlorinated biphenyls (PCBs), Resource and Conservation Recovery Act (RCRA) Metals, and TPH gasoline range organics (GRO) and diesel range organics (DRO).

The soils and materials, encountered during the performance of the borings were screened in the field for total VOCs using a Photovac MicroTIP photoionization detector (PID) equipped with a 10.6 eV bulb. The MicroTIP PID responds readily to most VOCs but does not register methane or natural components of air such as oxygen, nitrogen, or carbon dioxide. The MicroTIP PID has a detection limit of approximately one part per million (ppm) by volume, referenced to an isobutylene-in-air standard. PID readings in the soils encountered in the soil borings were below the instrument detection limit of 1 ppm.

Soil boring FD-01-1 was completed as an overburden groundwater monitoring well, designated as MW-6. The well was constructed of two-inch diameter thread

coupled Schedule 40 PVC materials. A 15-foot length of machine-slotted 0.010-inch slot well screen was placed across the water table and a solid well casing was extended to the surface. The well annulus around the screen was filled with clean sand to a depth of approximately 1 foot bgs. A 0.5-foot thick bentonite seal was placed above the sand pack. The boring was completed with a flush-mounted road box. An expansion plug was installed in the well. The monitoring well was aggressively developed by pumping with a peristaltic pump 48 hours after the installation of the new well.

The soil borings were surveyed using the I-beam rows as the benchmark. The I-beams are constructed in a grid pattern at approximately 40 feet on-center north to south, and 20 feet on-center east to west. The baseline set of I-beams is located along the southern wall of the building, and was located from the eastern wall of the building.

Soil boring FD-01-1 (MW-6) is located in the northern portion of the building. It was surveyed using the ninth set of I-beams south to north (360 feet north of the southern wall), and was triangulated using the third and fourth beams located 40 and 60 feet in from the eastern wall, respectively. The boring is located approximately 8 feet southwest from ninth row beam three, and approximately 21 feet southeast from ninth row beam four.

Soil boring FD-01-2 was surveyed using the eighth row of I-beams (320 feet from the southern wall), and was triangulated using the third and fourth beams located 40 and 60 feet in from the eastern wall, respectively. The boring is located approximately 13.5 feet southwest from eighth row beam three, and approximately 15 feet southeast of the eighth row, beam four.

Soil boring FD-01-3 was surveyed using the fifth row of I-beams (200 feet from the southern wall), and was triangulated using the third and fourth beams located 40 and 60 feet in from the eastern wall, respectively. The boring is located approximately 15.8 feet southwest from fifth row beam three, and approximately 11.4 feet southeast from fifth row beam four.

Refer to Figure 2 for the approximate locations of the borings and monitoring well, and Appendix A for the boring and well construction logs.

During soil boring activities, *Nobis* observed potential asbestos containing material (ACM) in the form of thermal pipe insulation inside Factory H hanging from pipes and laying on the floor amongst debris.

4.2 Groundwater Monitoring Wells

On July 23 through July 25, 2001, monitoring wells MW-1 HM, and MW-3 HM through MW-5 HM at the Hub Mall and monitoring wells MW-1 through MW-3, MW-5, MW-6, and VMCC MW-2 at Factory H were developed using a peristaltic pump. Well development log sheets are included in Appendix B.

FINAL
PRELIMINARY ENVIRONMENTAL SITE INVESTIGATION
HUB MALL AND FACTORY H
MERIDEN, CONNECTICUT

1.0 PLAN IDENTIFICATION AND APPROVALS

Project Title:	Final Preliminary Environmental Site Investigation
Project Location:	Hub Mall and Factory H, Meriden, CT
Delivery Order No.:	0016
Nobis Project No.:	67030
Prepared By:	Amy Adams
Date Prepared:	11/21/01
Revision No.:	01

APPROVALS:

Courtney Moore, Jr., Site Remediation Manager — Date 11/21/01

FOR

Scott Harding, Delivery Order Manager — Date 11/21/01

2.0 INTRODUCTION

Nobis Engineering, Inc. (*Nobis)* has prepared a Preliminary Environmental Site Investigation (PESI) Report summarizing the results of soil borings and groundwater sampling activities conducted at the Hub Mall and Factory H located in Meriden, Connecticut (CT). This work was performed under Delivery Order No. 0016 of the U.S. Army Corps of Engineers (USACE) New England District Contract No. DACA33-98-D-0004. The work was conducted in accordance with *Nobis'* approved Conceptual Work Plan dated July 20, 2001, and the USACE Statement of Work (SOW) dated April 6, 2001.

A locus plan showing the approximate site location is included as Figure 1. Site plans depicting the location of the soil borings and other pertinent site information is included as Figure 2A and Figure 2B.

2.1 Site Background Information

The investigation sites are located in the City of Meriden, CT, at two locations. The Hub Mall is located on Main Street, and Factory H is located on Cooper Street.

Factory H is presently abandoned and abuts the out-of-service Veterans Memorial Medical Center (VMMC) to the northwest, a residential area to the west, Cooper Street to the south and Harbor Brook to the east. Industrial properties are located beyond Cooper Street and Harbor Brook.

In May of 1999, Milone and MacBroom (MM) of Meriden, CT completed site investigative work in the area of Factory H. MM did not collect groundwater samples during site investigative work. Three soil borings were advanced to approximately 18 feet below ground surface (bgs) in the southern part of the building that abuts Cooper Street. Each of the three borings were completed as monitoring wells. Groundwater was encountered at approximately 9 feet bgs in the borings. Two soil samples from each boring were collected for analytical testing, the results of which indicated concentrations of antimony, arsenic, trichloroethylene (TCE), and benzene exceeding the State of Connecticut's Residential Exposure Criteria.

The Hub Mall is an active strip mall containing a liquor store, a restaurant, a laundromat, and a pharmacy. An electronics company is also located on the west side of the Hub Mall. The Hub Mall property is surrounded by commercial properties on all sides.

In May of 1999, a site investigation performed by MM included the advancement of four soil borings, each of which were completed as monitoring wells on the Hub Mall property. MM did not collect groundwater samples during site investigative work. Two soil samples were collected from each of the borings and analysis indicated the presence of lead, total petroleum hydrocarbons (TPH), and TCE, at concentrations that exceed Residential Exposure Criteria for the State of Connecticut.

FINAL
PRELIMINARY ENVIRONMENTAL SITE INVESTIGATION
HUB MALL AND FACTORY H
MERIDEN, CONNECTICUT

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Appendix D Laboratory Data

FINAL

PRELIMINARY ENVIRONMENTAL SITE INVESTIGATION

HUB MALL AND FACTORY H
MERIDEN, CONNECTICUT

Prepared by:

Nobis Engineering, Inc.
439 South Union Street
Building 2, Suite 207
Lawrence, Massachusetts

Prepared for:

U.S. Army Corps of Engineers
New England District
696 Virginia Road
Concord, Massachusetts

USACE Contract No. DACA33-98-D-0004
Delivery Order No. 0016
Nobis Project Nos. 67030

November 2001

APPENDIX C

EXCERPTS FROM PREVIOUS SITE INVESTIGATION REPORTS

Well Identification *Sample Interval*	*MW-1* (4'-6')	*MW-1* (10'-12')	*MW-3* (2'-4')	*MW-3* (8' - 10')	*MW-4* (2'-4')	*MW-4* (10'-12')	*MW-5* (2.5'-4.5')	*MW-5* (10.5'-12.5')	**Residential Direct Exposure Criteria (mg/kg)**	**Pollutant Mobility Criteria for GA/GAA Areas (mg/L)**
SPLP - Metal Analysis (EPA Method 1312) (mg/L)										
Lead	0.009	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	ND<0.005	NA	0.015
Mass Metals Analysis (EPA Method 3050A) (mg/kg)										
Arsenic	7.2	9.5	4.2	3.9	3.1	4.3	3.5	1.6	10	NA
Silver	57.4	ND<0.2	4.3	6.5	0.6	0.4	0.3	ND<0.2	340	NA
Cadmium	3.4	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	340	NA
Chromium	18.5	7.9	12.1	10.7	16.2	13.7	12.6	10.3	ns	NA
Copper	134	12.8	91.0	87.3	36.3	45.9	21.6	28.0	2,500	NA
Lead	636	12.0	80.5	15.0	24.5	8.6	19.9	5.0	500	NA
Mercury	1.88	0.04	0.11	0.20	0.40	1.10	0.06	ND<0.02	20	NA
Nickel	9.8	3.8	20.9	20.5	6.8	6.5	9.0	6.5	1,400	NA
Zinc	986	30.8	86.2	80.0	49.2	46.0	41.9	27.1	20,000	NA
Volatile Organics (EPA Method 8260B) (results converted from ppb to ppm)										
sec-Butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	0.011	BDL	ns	ns
cis-1,2-dichloroethylene	BDL	BDL	0.130	BDL	BDL	BDL	BDL	BDL	500	1.4
Trichloroethylene	BDL	BDL	0.111	BDL	BDL	BDL	BDL	BDL	56	0.1
TPH (EPA Method 418.1) (ppm)										
Oil & Grease (TPH)	1,096	48	ND<25	ND<25	1,148	ND<25	2,144	ND<25	500	500

Notes: TPH = Total Petroleum Hydrocarbons
ns = no standard
Table includes only those chemicals that were identified.
Results identified in bold indicate constituents identified above established Remediation Standard.
MW-2 could not be installed due to utility conflicts.

Milone & MacBroom, Inc.
5/28/99

MILONE & MAC BROOM, INC. Inter-Office Memo

O: File

FROM: James G. MacBroom, P.E.
Milone & MacBroom, Inc.

DATE: October 1999

E: Harbor Brook – Soil Tests
MMI #1261-14.4

---

limited soil boring and test program was conducted to analyze subsurface conditions at two key properties. Five test wells were installed at the Meriden HUB along the west side of the building, d three were installed at the abandoned Building H on the north side of Cooper Street west of the er. All of the monitoring wells consist of 15 foot long, four inch diameter tubes, with screens, installed in auger holes.

e soil profile results are contained in the attached boring logs by General Borings dated May 1999. Soil samples were tested by Connecticut Testing Lab for 14 parameters. The results are tabulated on t attached tables dated May 28, 1999.

The soil conditions at the HUB site include up to 15 feet of fill material with traces of wood, brick, crete, and a petroleum type odor.

The test results at the HUB found elevated levels of lead and trichloroethylene at one sample each, and high levels of oil and grease in three of eight samples. This is typical of former industrial sites.

The results at Factory H found elevated levels of antimony, arsenic, trichloroethylene, and benzene in some samples, generally at the greater depths.

Some site clean-up is anticipated. Further tests will be necessary to fully explore the sites.

JGM/jea

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APPENDIX C

Soil Tests

Nobis	PROJECT	WELL NO.	FD-01-3
CONCORD, NH - LAWRENCE, MA	FACTORY H	SHEET	4 of 4
	MERIDEN, CONNECTICUT	FILE NO.	67030 T500
		CHKD. BY	

Boring Co.	Mark Schock Glacier Drilling	Boring Location	See Site Sketch		
Driller	Mark Schock	Top of PVC Elev.		TBM	
Engineer	Courtney Moore	Date Start	7/24/01	Date End	7/24/01

Sampler: Unless otherwise noted, sampler consists of a 2-inch split spoon driven by a 140-lb. hammer free-falling 30-inches.

Casing: Unless otherwise noted, casing driven using a 300-lb. hammer falling 24-inches.

Casing Size: Other: 4-1/4-inch hollow-stem auger

Groundwater Readings (from top of PVC)

Date	Time	Depth	Elev.	Stabilization Time
			0	upon completion

DEPTH	SAMPLE No.	PEN/ REC.	DEPTH (ft)	BLOWS/6"	PID (ppm)	SAMPLE DESCRIPTION BURMISTER CLASSIFICATION	STRATUM DESC.	WELL INSTALLATION	REMKS
									2
50	15	24/18	50-52	2/7	0	Reddish Brown Medium Dense Silty Sand with clay			
				15/100		and gravel, saturated. (SW)			
									2
						Auger refusal at 52' bgs.			
55									
60									

REMARKS:

2) No groundwater monitoring well was installed at this boring location

NOTES:

1) Stratification lines represent approximate boundaries between soil types; Actual transitions may be gradual and varied.
2) Fluctuations in water levels will occur due to conditions different from those present at the time these measurements were made.
3) PID=in-air concentration of total volatile organic compounds (VOCs) as measured with a photoionization detector (PID). Readings less than 1.0 are considered 'Below Detection'.

APPENDIX D

Well Sampling - Field Water Quality Measurements

Location: (Site/Facility Name) HUB Mall Meriden, CT
Well Number: MW-4 Date: 7/31/01
Field Personnel: Corey Rousseau
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 11 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
815	8.00	150	--	--	--	--	--	--	--
820	8.01	150	200	19.3	0.140	6.84	122	0.76	0.00
825	8.01	150	200	19.5	0.140	6.85	108	0.55	0.00
830	8.01	150	200	19.7	0.140	6.86	92	0.46	0.00
835	8.01	150	200	19.8	0.139	6.86	81	0.46	0.00
840	8.01	150	200	19.9	0.139	6.86	69	0.40	0.00
845	8.01	150	200	19.8	0.139	6.86	65	0.35	0.00
850	8.01	150	200	20.0	0.139	6.86	60	0.37	0.00
855	8.01	150	200	19.9	0.138	6.83	58	0.40	0.00
900	8.01	150	200	19.8	0.138	6.83	54	0.44	0.00
905	8.01	150	200	19.8	0.138	6.84	52	0.43	0.00
910	8.01	150	200	19.9	0.138	6.85	49	0.46	0.00
915	Sampled								

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

Well Sampling - Field Water Quality Measurements

Location: (Site/Facility Name) HUB Mall Meriden, CT
Well Number: MW-5 Date: 7/30/01
Field Personnel: Amy Adams
Sampling Organization: Nobis Engineering, Inc.

Identify MP:
Pump Intake at (ft. below MP): 9 feet
Purging Device; (pump type): peristaltic

Clock Time (24 HR)	Water Depth Below MP (ft)	Pump Dial[1]	Purge Rate (ml/min)	Temp. (C) (3%)	Specific Conduc.[2] (mS/m) (3%)	pH (+/-0.1)	ORP/ Eh[3] (mv) (+/-10)	DO (mg/L) (10%)	Turbidity (NTU) (10%,<1)
1305	5.41	150	400	--	--	--	--	--	--
1310	5.79	150	400	19.5	79	6.87	22	0.69	1.5
1315	5.77	120	225	19.9	79	6.90	-24	0.59	5.5
1320	5.78	120	225	19.7	79	6.91	-52	0.50	3.4
1325	5.78	120	225	19.9	79	6.92	-69	0.47	3.1
1330	5.78	120	225	19.8	79	6.93	-75	0.47	2.5
1335	5.78	120	225	19.9	79	6.94	-78	0.46	2.1
1340	5.78	120	225	19.8	79	6.94	-80	0.46	2.3
1345	5.78	120	225	19.8	79	6.94	-82	0.43	0.9
1350	5.78	120	225	19.8	78	6.95	-83	0.46	1.0
1355	5.78	120	225	19.8	78	6.95	-84	0.47	1.0
1357	Sampled								

1. Pump dial setting (for example: hertz, cycles/min, etc)
2. MilliSiemens per cm (same as mmhos/cm) at 25C
3. Oxidation reduction potential (stand in for Eh)

leading studies of the various ash types. Evaluated methods for assessing leachability of metals such as arsenic, cadmium, and lead from the different types of ash.

- Conducted research at the University of Connecticut on the use of ultraviolet light and hydrogen peroxide for the destruction of organic pollutants in water. Supervised the research of others.

- Lectured or assisted in courses on hazardous waste treatment, numerical methods, thermodynamics, and process design at the University of Connecticut.

- Participated in a study of the West Valley nuclear waste disposal site for the New York State Geological Survey.

- Won Blue Ribbon Manuscript Award for paper presented at the Hazardous Materials Control and Superfund '91 Conference and Exhibition.

EDUCATION

PhD, Chemical Engineering, University of Connecticut, 1990
MS, Chemical Engineering, University of Connecticut, 1985
BS, Biology, Siena College, 1981

REGISTRATIONS

Registered Professional Engineer (Chemical), MA
8-Hour OSHA Train-the-Trainer
40-Hour OSHA Health and Safety Training
8-Hour OSHA Health & Safety Refresher Training

PUBLICATIONS AND PRESENTATIONS

- "Mercury Removal from DOE Solid Mixed Waste Using the GEMEP Technology," WM 1999 Conference, March 1999 (with N. Chung, J. Litz, D. Whisenhunt, and B. Frankhouser).

- "Design of a UV Oxidation System for Treatment of TCE-Contaminated Groundwater from the Groveland Wells Superfund Site, Groveland, Massachusetts," *Environmental Progress*, Vol. 15, 1996 (with C. McLane and R. Leger).

- "Destruction of Pollutants and Microorganisms in Water by UV Light and Hydrogen Peroxide," *Water Pollution Research Journal of Canada*, Vol. 27, 1992 (with D. Sundstrom, T. Barber, and H. Klei).

- "Treatment of Coal Tar-Contaminated Soils from a Superfund Site," Hazardous Materials Control Research Institute, Superfund '91 12th National Conference Proceedings (with C. McLane).

- "Leaching Behavior of Residues from Mass-Burn and Refuse-Derived Fuel Incinerators," International Conference on Municipal Waste Combustion, April 1991 (with D. Sundstrom, H. Klei, and A. Perna).

- Conducted bench-scale treatability studies of metals removal pretreatment processes in support of the remedial design for the source control operable unit at the Groveland Wells Superfund site in Massachusetts. Prepared the preliminary design of a 25-gpm air-stripping system.

- Managed a treatability study of solvent extraction for the cleanup of PCB-contaminated soils at a Superfund site in Norwood, Massachusetts, meeting all budget and schedule constraints. Reviewed shop drawings and change orders and consulted on operational issues.

- Reviewed shop drawings and change orders and consulted on operational issues for the construction of a groundwater treatment plant at the Baird & McGuire Superfund site in Holbrook, Massachusetts.

- Assisted with the development and evaluation of best available technology options for treatment of effluents from six fossil-fueled and four nuclear power stations in Ontario, Canada, for the Ministry of the Environment. Investigated wastewater treatment unit operations efficiency and effluent quality; categorized contaminants of concern for efficient treatment in unit operations; and estimated mass loading reductions for contaminants of concern that could be attained by each option.

- Participated in the preliminary design of a two-stage anaerobic/aerobic biological treatment system for treatment of wastewaters from a paper recycling facility in Canada.

- Evaluated options for upgrading the biological wastewater treatment system at a Canadian paper mill to meet stricter discharge limits, including anaerobic fixed-film and upflow anaerobic sludge blanket systems and conventional aerobic lagoons.

- Reviewed preliminary design of an anaerobic treatment system for treatment of wastewater from a dairy products manufacturing plant in Australia.

- Served as project engineer for two focused feasibility studies for the U.S. EPA as part of a pilot project to accelerate the Superfund process. Evaluated innovative soil treatment technologies, including bioremediation, solvent extraction, and thermal desorption, along with more conventional technologies such as incineration and capping.

- Evaluated soil remediation technologies as part of the feasibility study for cleaning up soils contaminated by coal tar at the Pine Street Canal Superfund site in Burlington, Vermont, under the EPA's Alternative Remedial Contracting Strategy program. Conducted a soil bioremediation treatability study, including coordinating the activities of four subcontractors. Participated in the preparation of a work plan, quality assurance project plan, health and safety plan, and requests for proposals.

- Provided technical review and assistance for bioremediation treatability studies at two sites contaminated with petroleum hydrocarbons.

- Prepared a technical memorandum on bioremediation for use by M&E engineers.

- Participated in all phases of a study of municipal solid waste incinerator ash for the Connecticut Department of Environmental Protection. Collected bottom and fly ash from municipal solid waste incinerators throughout the state and conducted batch and column

APPENDIX D

STATEMENT OF LIMITATIONS

TABLE 1
Summary of Soil Sample Results
Meriden HUB Site, Meriden, Connecticut

Sample Number	MW-1 (4'-6')	MW-1 (10'-12')	MW-3 (2'-4')	MW-3 (8'-10')	MW-4 (2'-4')	MW-4 (10'-12')	MW-5 (2.5'-4.5')	MW-5 (10.5'-12.5')	CTDEP Remediation Standard Regulations		
Sample Date	5/28/1999	5/28/1999	5/28/1999	5/28/1999	5/28/1999	5/28/1999	5/28/1999	5/28/1999	Direct Exposure Criteria (mg/kg)		Pollutant Mobility
									Residential	Commercial	Criteria for GB (mg/kg)
Volatile Organic Compounds (ppm)											
sec- butylbenzene	BDL	BDL	BDL	BDL	BDL	BDL	0.011	BDL	500	1,000	14
cis-1,2-dichloroethylene	BDL	BDL	0.13	BDL	BDL	BDL	BDL	BDL	500	1,000	14
Trichloroethylene	BDL	BDL	0.111	BDL	BDL	BDL	BDL	BDL	56	520	1
Total Petroleum Hydrocarbons (ppm)	1,096	48	<25	<25	1,148	<25	2,144	<25	500	2,500	2,500
Metals (mg/kg)											
Arsenic	7.2	9.5	4.2	3.9	3.1	4.3	3.5	1.6	10	10	NE
Silver	57.4	<0.2	4.3	6.5	0.6	0.4	0.3	<0.2	340	10,000	NE
Cadmium	3.4	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	34	1,000	NE
Chromium	18.5	7.9	12.1	10.7	16.2	13.7	12.6	10.3	NE	NE	NE
Copper	134	12.8	91	87.3	36.3	45.9	21.6	28	2,500	76,000	NE
Lead	636	12	80.5	15	24.5	8.6	19.9	5	400	1,000	NE
Mercury	1.88	0.04	0.11	0.2	0.4	1.1	0.06	<0.02	20	610	NE
Nickel	9.8	3.8	20.9	20.5	6.8	6.5	9	6.5	1,400	7,500	NE
Zinc	986	30.8	86.2	80	49.2	46	41.9	27.1	20,000	610,000	NE

TABLE 2
Summary of Groundwater Sample Results
Meriden HUB Site, Meriden, Connecticut

Sample Number	MW-1 HM	MW-3 HM	MW-3 HM2	MW-4 HM	MW-5 HM	CTDEP Remediation Standard Regulations	
Sample Date	7/24/2001	7/24/2001	7/24/2001	7/24/2001	7/24/2001	Residential Volitilization Criteria (ug/l)	Surface Water Protection Criteria (ug/l)
Volatile Organic Compounds (ug/l)							
MTBE	<1	1.3	1.8	<1	<1	50,000	NE
Trichloroethene	<1	2.0	2.0	<1	<1	219	2,340
Vinyl Chloride	<1	6.1	7.3	<1	<1	2	15,750
Chloroform	1.5	<1	<1	<1	<1	287	14,100
Dichloromethane	<1	<1	<1	1.0	<1	NE	NE
cis-1,2-Dichloroethene	<1	16.1	18.3	<1	<1	NE	NE
trans1,2-Dichloroethene	<1	2.7	3.0	<1	<1	NE	NE
Total Petroleum Hydrocarbons (ug/l)	110	490	550	110	160	NE	NE
Metals (ug/l)							
Arsenic	3.0	4.0	3.0	<2	<2	NE	4
Silver	<4	<4	10.0	6.0	<4	NE	12
Copper	10	<10	<10	80	<10	NE	48
Nickel	<10	15	16	11	<10	NE	880
Lead	7	<2	3	<2	2	NE	13
Zinc	26	33	<20	61	21	NE	123
Mercury	<0.08	<0.08	<0.08	0.1	<0.08	NE	0.4

Sources: Final Preliminary Environmental Site Investigation, HUB Mall and Factory H, Meriden, Connecticut, Nobis Engineering, Inc., July 2001; and Final Report Harbor Brook Flood Control and Restoration Project, Milone & MacBroom, 1997

NE - Not Established by CTDEP

BDL - Below detection limit

Table 3
Historical Site Uses

Canberra Industries
Fleet Bank
Lafayette Bank & Trust
Meriden Mall
Meriden Britannia Co.
International Silver Co., Factory E
Insilco Recreation Hall
Glass W. H.
H.L Moorhouse Lumber Yard
Fire Engine House
Frank Wheeler & Sons Machine Shop
Ice Plant & Storage
Photo Shop
Welding Shop
Dry Cleaners
Gasoline Filling Station
Welding Shop
Auto Sales & Service
Gasoline Filling Station
Plumbing Shop
Pipe Shop
Hotel Petrose
Salvation Army
Bowling
Furniture Sales
Auto parking lots

APPENDIX E

TABLES

BARBARA A. WEIR

Dr. Weir is a senior technical specialist experienced in oxidative water treatment methods, bioremediation, treatability studies, and feasibility studies and remedial designs for MCP and Superfund sites. She also has experience with MCP site assessments, ash leachability studies, power plant effluent evaluations, groundwater cleanup, and stabilization and solidification actions. Dr. Weir is experienced in conducting studies using innovative, as well as conventional, technologies.

EXPERIENCE

- Managing compliance activities at the Massachusetts Water Resources Authority's Braintree-Weymouth pump station to ensure adherence to the Massachusetts Contingency Plan. Planned and coordinated the MCP Phase I site investigation and tier classification for a diesel-fuel release from an above-ground storage tank that fuels the pump station. Currently supervising Immediate Response Action activities that address product discovered in monitoring wells during the Phase I investigation including additional assessment of the product release and passive fuel recovery from the monitoring wells. Also supervising ongoing Phase II investigation activities and preparing a specification for remediation of the fuel release that will be part of the final design documents for a replacement pump station.

- Managing site assessments for multiple Brownfields sites in Massachusetts under EPA's Brownfields Targeted Site Assessment Program. Supervising a team that is developing and implementing investigations consistent with MCP Phase I and II guidelines, conducting MCP Method 1 risk characterizations, preparing reports similar to MCP Phase I reports, and evaluating remedial options for site cleanup consistent with intended future uses of the particular property.

- Coordinated the hazardous materials program related to the construction of the Braintree-Weymouth sewer relief facilities for the Massachusetts Water Resources Authority. Planned and coordinated environmental sampling efforts, reviewed historical data and DEP site files, evaluated reuse and disposal options for excavated material, and evaluated potential need for utility-related abatement measures in conjunction with the project's licensed site professional.

- Managed environmental sampling and reporting activities for the construction of the Mill Cove emergency relief siphon for the Massachusetts Water Resources Authority. Collected and interpreted analytical data to support decisions regarding disposal of material generated from siphon installations under the Fore River.

- Served as hazardous materials program coordinator for the design and construction administration of the North Dorchester Bay and Reserved Channel CSO control project for the Massachusetts Water Resources Authority. Prepared specifications for the management of contaminated excavated materials and groundwater to be generated during construction. Planned and managed investigations to collect data needed to prepare specifications.

- Served as hazardous materials program coordinator for the subsurface exploration program conducted at multiple sites in Boston, Cambridge, Somerville, and Chelsea as part of Phase II combined sewer overflow facilities planning for the Massachusetts Water Resources

Authority. Assisted with the planning of the program, including locating borings and wells, developing a hazardous materials sampling and analysis plan, and preparing specifications for the environmental laboratory. Managed the hazardous materials portion of the field effort and prepared reports in conjunction with the geotechnical program coordinator. Coordinated with M&E's licensed site professional for issues that arose during the program regarding compliance with the Massachusetts Contingency Plan.

- Prepared a Phase III remedial action plan for soils and groundwater contaminated by fuel oil at a bus maintenance facility. Evaluated product removal technologies and natural attenuation, as well as conventional technologies.

- Managed a site investigation, feasibility study, and remedial action for the cleanup of coal tar waste deposits at the University of Massachusetts in Dartmouth for the Department of Environmental Protection's SARSS program. Developed a sampling plan to further define the nature and extent of contamination, managed the sampling effort, evaluated remedial alternatives, and managed activities to identify potential wetland impacts from the remediation. Supervised the preparation of a bid package for excavation and off-site disposal of contaminated materials, followed by wetlands restoration. Provided oversight of the remedial action and collected soil samples to confirm that the contaminated soils had been removed. Met all budget and schedule requirements.

- Served as project engineer for the design of the pilot-scale GEMEP treatment system for extraction of mercury from soils, which was invented by General Electric and licensed to Metcalf & Eddy for commercial development. Developed a bid package for the pilot system, including drawings and equipment specifications, and devised a sampling and analysis strategy for monitoring the process during pilot testing of the system, which was designed to be housed in a trailer for transport to various locations for on-site testing. Oversaw subsequent application of the process at specialty subcontractor facilities for the Department of Energy.

- Evaluated options, including grit blasting, water blasting, solvent washing, and scarification, for remediating a former chain forge shop at the Charlestown Naval Shipyard for use as an industrial history exhibit, for the Corps of Engineers under the regulatory authority of the Massachusetts Department of Environmental Protection. Provided assessment services for the shop, which had walls, ceiling, floors, and equipment contaminated with PCBs, petroleum hydrocarbons, dioxins/furans, and lead. Assisted with technical advice during the remedial design.

- Served as project engineer for the remedial design and construction of a 150-gpm groundwater treatment plant for the U.S. EPA at the Groveland Wells Superfund site in Massachusetts. Managed bench-scale treatability studies using ultraviolet oxidation to treat groundwater contaminated with TCE. Provided process design and coordinated mechanical, instrumentation, electrical, architectural, and structural design efforts. Developed specifications for the UV oxidation and pretreatment system components of the remedial design and supervised bench-scale treatability studies of the UV oxidation processes of several vendors. Assisted in developing DNAPL screening procedures for field work. Prepared a community relations fact sheet that described the design to the public and presented the treatment process design at a public meeting. Conducted final design review and assisted with managing the construction subcontractor.

APPENDIX F

RESUME OF ENVIRONMENTAL PROFESSIONAL