



**PHASE I ENVIRONMENTAL
SITE ASSESSMENT REPORT
FORMER BROAD STREET PARKADE
324, 330, 334 & 340 BROAD STREET
MANCHESTER, CONNECTICUT**

Prepared For:
Town of Manchester
494 Main Street
Manchester, CT 06045-0191

Prepared By:
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GZA File No. 05.0044771.00

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February 4, 2011
File No. 05.0044771.00

Town of Manchester
494 Main Street
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Attention: Mr. Mark Pellegrini

Re: Phase I Environmental Site Assessment Report
Former Broad Street Parkade Parcel
324, 330, 334 & 340 Broad Street
Manchester, Connecticut

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Dear Mr. Pellegrini:

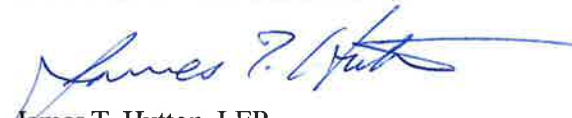
In accordance with our proposal dated January 5, 2011, GZA GeoEnvironmental, Inc. (GZA) is pleased to provide the attached Phase I Environmental Site Assessment Report. This assessment was completed in general accordance with the guidelines described in ASTM Standard Practice E1527-05 for Phase I Site Assessments.

This report is based on our review of available historical and environmental records, limited (based on snow cover) visual observations of the surface of the subject Site and adjoining properties and personal interviews with available persons having knowledge of the property. Section 11.00 of the report, our Findings and Conclusions, is considered an Executive Summary, and should be reviewed in conjunction with the entire report.

We hope this satisfies your present needs. If you have questions, please contact the undersigned at (860) 286-8900, at your convenience. Thank you for the opportunity to work with you on this project.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.


James T. Hutton, LEP
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1.00 INTRODUCTION

1.10 PROJECT AUTHORIZATION



GZA GeoEnvironmental, Inc. (GZA) conducted a Phase I Environmental Site Assessment (ESA) on behalf of the Town of Manchester (Client) for the property formerly known as the Broad Street Parkade located at 324, 330, 334 & 340 Broad Street in Manchester, Connecticut (Site). The Site visit portion of this environmental assessment of the property was conducted on January 24, 2011 by GZA environmental scientist Mr. Benjamin Graham. Authorization to proceed on this project was granted in accordance with GZA's signed proposal dated January 5, 2011.

As part of our assessment, GZA reviewed soil boring logs and soil and groundwater analytical reports prepared in 2006 for another party. The soil and groundwater data was collected for a confidential developer that was assessing the Site for redevelopment. GZA was given permission to use the existing data as part of the current assessment for the Town of Manchester.

It is our understanding that the Town of Manchester is contracting with others to assess asbestos and other hazardous building materials that may be present in existing Site structures.

1.20 PROJECT OBJECTIVES

The objectives of this Phase I Environmental Site Assessment were:

- To render an opinion as to whether surficial or historical evidence indicates the presence or likely presence of Recognized Environmental Conditions which have the potential to result in the presence of hazardous substances or petroleum products in the environment, as defined in the American Society for Testing and Materials (ASTM) Standard Practice E1527-05 for Phase I Environmental Site Assessments (ASTM E1527-05).
- To assist the User in satisfying one of the requirements to qualify for certain Landowner Liability Protections under CERCLA.

As defined by ASTM E1527-05, the term Recognized Environmental Condition (REC) means "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, past release, or material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property." The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.



1.30 SCOPE OF SERVICES

GZA's assessment of the Site was completed in general accordance with the ASTM – E1527-05 and GZA's proposal for services. GZA understands that this assessment is not funded with a Federal Grant awarded under the U.S. EPA Brownfield Assessment and Characterization Program and therefore did not include an evaluation for the presence of controlled substances. GZA's scope of services consisted of the following activities:

- review of federal and state regulatory agency databases identified by ASTM for the Site and a selected radius around the Site;
- contact with local environmental regulatory agencies to inquire about environmental conditions at the Site and in its vicinity;
- review of available public files at the Connecticut Department of Environmental Protection (CTDEP);
- review of the Site history through available ASTM Standard Historical Sources;
- a Site reconnaissance to make surficial observations for evidence of RECs;
- a vicinity reconnaissance of properties within ¼-mile of the Site;
- review of adjoining properties to identify the potential use of hazardous materials;
- an interview with the property owners or the Key Site Manager as well as certain other available occupants and/or major tenants regarding the current and past site usage and facility operations (and past owners and occupants if identified);
- a review of the information provided as part of "User responsibilities" described in ASTM – E1527-05;
- a review of previous reports and existing Site soil and groundwater data that was previously collected by GZA during a 2006 assessment for another party (permission to use the data was granted by the party that previously contracted with GZA for subsurface testing at the Site); and,
- the preparation of this report of our findings.

This report presents GZA's Site reconnaissance observations, research findings and opinions related to apparent environmental conditions at the Site. This report is subject to modification if GZA or any other party develops subsequent information. This report is also subject to the Limitations presented in Section 13.00 and Appendix A.



1.40 POTENTIAL DATA GAPS

During the course of our investigation, several feet of snow covered the Site parking areas, buildings and landscaped areas. GZA was not able to directly observe the ground surface over the majority of the Site due to snow cover. Surficial staining or disturbed areas could be hidden beneath the snow at the Site. The inability to observe the ground surface is considered a data gap until such time that the Site can be observed when snow cover is gone.

Site buildings were vacant and the roofs of the buildings were in poor condition based on observations from doorways to the Site buildings. GZA did not enter all building spaces because safe entry into areas with degraded roofs was not possible. Inability to enter all building spaces to assess them for hazardous materials is a data gap. However, we note that TRC was contracted by the Town of Manchester to assess hazardous building materials at the Site. We understand that TRC is submitting a hazardous building materials survey report to the Town of Manchester under separate cover.

Other data gaps were not identified that would alter GZA's findings and conclusions in regard to environmental assessment of the Site to meet the ASTM – E1527-05 standard.

2.00 SITE BACKGROUND INFORMATION

The following information was obtained by GZA during reconnaissance research conducted for the Site and area properties and interviews with people knowledgeable about the Site. Figure 1, attached, is a Site Locus Plan indicating the approximate Site location using the 1997 United States Geological Survey (USGS), Manchester, Connecticut Quadrangle topographic map as a base. Figure 2, attached, is a Site Plan indicating general Site features and observed Site and vicinity conditions. GZA's Figure 2 was developed based on Town Tax Assessor's maps and GZA's visual observations of Site features. Figure 3, attached, is a detailed Site map created from a 2006 survey map provided by a prior GZA client that authorized use of the base map.

Appendix B contains photographs of selected features observed during the Site reconnaissance on January 24, 2011. Sections 6.00 and 7.00 of our report provide additional information concerning Site use, Site vicinity observations and activities at the Site and at surrounding properties.

2.10 SITE LOCATION AND DESCRIPTION

The Site is located southwest of the intersection of Broad Street and Green Manor Boulevard in Manchester, Connecticut. Green Manor Boulevard borders the north side of the Site and Broad Street borders the east side of the Site; driveways to Green Manor Boulevard and Broad Street provide vehicular access to the Site. Bigelow Brook borders the south side of the Site. Parts of the Site near Bigelow Brook are lightly wooded or overgrown with weeds and shrubs. The remaining portions of the Site are paved, covered with buildings or are



landscaped. Wetlands appear to be present along the edges of Bigelow Brook. Wetlands mapping was not completed as part of GZA's scope of work for this assessment.

The Town of Manchester Tax Assessor's records indicate 324 Broad Street is listed as 2.84 acres, 330 Broad Street is listed as 4.03 acres, 334 Broad Street is listed as 4.33 acres and 340 Broad Street is listed as 7.02 acres. Tax assessor's field cards for the parcels that make up the Site are included in Appendix C. The Tax Assessor designation (map/block/lot) for the Site parcels are as follows: parcel 61/730/324; parcel 61/730/330; parcel 61/730/334; and parcel 61/730/340.

2.20 CURRENT SITE USE

The Site is currently vacant but was most recently occupied by various retail businesses, storage space and commercial/state office space. According to Mr. Art Carone, property manager for the owner, the Site has always been used as a retail shopping plaza since its construction and no manufacturing or industrial activities have operated at the Site. Mr. Carone indicated he has worked at the Site for approximately one and a half years as a property manager but that the company he works for (Berenson Associates, Inc.) has managed the Site for many years (12 years or more according previous information obtained by GZA in a 2006 interview with Mr. Eugene P. O'Brien, a Berenson vice president).

A further description of current Site use is contained in Section 6.00 of this report.

2.30 ADJOINING PROPERTIES USE

Figure 2 indicates general usage of properties adjacent to the Site.

Bigelow Brook and then the Saint James Cemetery are located south of the Site; the Cemetery is at a higher elevation (approximately 15 to 25 feet) than the Site. The Parkade Cinema movie theatre building (formerly Hoyt's Cinemas) is located west of the Site. A large parking lot is present between the Site and the movie theatre building. Residential properties are present beyond the movie theatre building.

North and northwest of the Site is the Manchester Parkade shopping plaza, which houses numerous (approximately 30) retail stores, offices and restaurants. The portion of the Manchester Parkade plaza nearest the Site is occupied by a Stop & Shop supermarket store, the A. J. Wright clothing store, the Dollar Tree store, and the Fashion Bug clothing store. No industrial or manufacturing tenants were noted for the Manchester Parkade plaza.

At the corner of Green Manor Boulevard and Broad Street, northeast of the Site, is the American Eagle Federal Credit Union (bank). Across Green Manor Boulevard north of the Site is a building that houses a Mienke Muffler store, a Hertz car rental store, J&M Motor Sports auto repair shop, a Subito Pizza restaurant and an Edible Arrangements store.



East of the Site across Broad Street are several auto repair and other businesses. The following businesses (from north to south) were observed adjacent to the Site across Broad Street: Former Tires International (vacant building) at 295 Broad Street; Former J&M Corvettes (vacant building) at 299 Broad Street; a vacant auto garage at 305 Broad Street; Economy Oil Change at 315 Broad Street; the Penny Saver Thrift Store at 319 Broad Street; Monro Muffler at 325 Broad Street; and Rockville Bank at 341 Broad Street (adjacent to Bigelow Brook). We note that a small building was formerly located at 331 Broad Street between Monro Muffler and Rockville Bank but that building is no longer present.

The Site wraps around the Mr. Auto Wash carwash property (344 Broad Street) at the southeast corner of the Site. South of the car wash and Bigelow Brook is an adjoining property which is occupied by Citizen's Bank at 354 Broad Street.

2.40 AREA USE

The Site vicinity generally consists of commercial properties along Broad Street (east of the Site), Middle Turnpike (approximately 600 feet north of the Site) and Green Manor Boulevard (adjacent to the Site to the north). Residential properties are located on side streets behind commercial properties in the vicinity of the Site. As indicated in Section 2.30, the large property south of the Site across Bigelow Brook is occupied by Saint James Cemetery.

2.50 SITE UTILITIES

The Site buildings have been serviced by municipal water and sewer services since their construction in the mid 1960s to early 1980s. Natural gas meters were observed along the back of the building indicating Site buildings were most recently heated with natural gas. Town of Manchester Public Works and Engineering Department representatives confirmed the above Site utilities. The Town of Manchester Public Works and Engineering Department representatives also indicated Site vicinity properties are serviced by municipal water, sewer and natural gas utilities.

Five electrical transformers were previously observed at the Site in 2006 but were not observed by GZA during the Site walk for this assessment. Four transformers were located along the south side of the larger Site building and one transformer was located at the northwest corner of the smaller Site building. No staining or evidence of a release of transformer oil was observed by GZA in 2006 in the vicinity of these five transformers. However, the ground surface in the vicinity of the transformers could not be observed on January 24, 2011 due to snow cover.

Section 6.00 provides a further description of Site utilities.

3.00 ENVIRONMENTAL SETTING

The following subsection provides information regarding the general physiographic, hydrologic and soil conditions within the Site area.



3.10 REGIONAL PHYSIOGRAPHY

GZA reviewed the 1997 USGS Manchester, Connecticut quadrangle topographic map to assess Site vicinity physiography. The Site is generally flat to gently sloping to the west. Area topography is generally higher to the south, east and northeast and lower to the west and northwest. On average, the Site elevation is approximately 130 to 140 feet above sea level (NGVD -National Geodetic Vertical Datum).

Bigelow Brook flows west along the south side of the Site and then turns to the northwest towards Hilliard Pond located approximately 1,200 feet northwest of the Site. Hilliard Pond discharges to the Hockanum River west of the Site and the Hockanum River eventually discharges to the Connecticut River several miles west of the Site.

GZA reviewed the "*Atlas of Public Water Supply Sources and Drainage Basins*" (CT DEP, 1982) (Atlas) to assess Site and Site vicinity public water supply sources. The Atlas indicates the Site is located in basin number 4500, the Hockanum River Drainage Basin, which is within the Hockanum River Regional Basin, which is within the Connecticut River Major Basin. The Atlas does not indicate public groundwater supply wells are located within an approximate 1-mile radius of the Site. The Atlas does not indicate any surface water reservoirs utilized as public surface water supplies within an approximate 1-mile radius of the Site. The nearest public supply well is located approximately 1.1 miles west of the Site and is identified as the Manchester Water Department Love Lane Well.

The nearest surface water body identified as a reservoir is Glob Hollow Reservoir located approximately 1.7 miles southeast of the Site.

3.20 GROUNDWATER AND SURFACE WATER CONDITIONS

Based on Site topography and information found in previous studies (see Section 5.00), Site groundwater is inferred to flow generally to the west. However, groundwater flow in the immediate vicinity of Bigelow Brook is likely to be towards the Brook. Groundwater at the west side of the Site is inferred to flow in a more westerly to northwesterly direction following the alignment of Bigelow Brook. Groundwater at the east side of the Site is inferred to flow in a more southwesterly direction towards the Brook. Geotechnical investigation of the Site by others in 2006 (data obtained by GZA during our 2006 assessment of the Site) included the installation of monitoring wells and measurement of groundwater elevations which support the inferred westerly groundwater flow direction documented in previous investigations (see Section 5.00). Subsequent references to upgradient and downgradient properties are based on the inferred westerly groundwater flow direction. We also note that localized groundwater flow directions may vary as a result of heterogeneous subsurface conditions and Site stormwater drainage systems and other subsurface utilities.

According to the Adopted Groundwater Classifications for the Connecticut River Basin (CTDEP Water Compliance Unit, 1993), the groundwater in the Site area has been assigned a classification of "GB." According to the Revisions to Connecticut's Groundwater Quality Standards (January 2011, proposed classifications published on the



CT DEP website), a GB groundwater classification is described as “ground water within a historically highly urbanized area or an area of intense industrial activity and where public water supply service is available. Such groundwater may not be suitable for human consumption without treatment due to waste discharges, spills or leaks of chemicals or land use impacts. The Connecticut DEP goal is to prevent further degradation by preventing further discharges which could cause irreversible contamination.”

According to the Water Quality Classification for the Connecticut River Basin (CT DEP website information for proposed January 2011 classifications), the Bigelow Brook has been assigned a surface water classification of “A.” According to Water Quality Standards (CTDEP website data), the A classification is described as “known or presumed to meet Water Quality Criteria which support designates uses. Designated uses include potential drinking water supply; fish and wildlife habitat; recreational uses; agricultural, industrial supply and other legitimate uses, including navigation.”

A CTDEP designated Aquifer Protection Area is located across Bigelow Brook approximately 1,000 feet southwest of the Site. The Aquifer Protection Area does not extend onto the study Site.

A copy of the Ground and Surface Water Quality map for the Site is provided in Appendix C.

3.30 SOIL AND ROCK CONDITIONS

Information from the Bedrock Geologic Map of Connecticut (Connecticut Geological and Natural History Survey, 1985) indicated that bedrock in the Site area consists of New Haven Arkose. This bedrock type is described as consisting mainly of “reddish, poorly sorted arkose (brownstone).”

According to the Surficial Materials Map of Connecticut (United States Geological Survey, 1992), the surficial geology of the Site area has been classified as sand and gravel over sand. These materials are described as being described as areas where “sand and gravel is less than 20-feet thick, horizontally bedded, and overlies thicker, inclined layers of sand”.

According to information published in the New Haven County Soil Survey (U.S. Department of Agriculture, 1979) the soil in the Site area is best described as Urban Land Complex. These areas are described as consisting mainly of areas that are covered by buildings, paved roads and parking lots.

Copies of the Geologic Settings Maps and other natural resources maps are included in Appendix C.

4.00 HISTORICAL USE INFORMATION



GZA developed a general Site and vicinity history from ASTM Standard Historical Sources and available files at the Manchester Town Hall Offices (Building Department, Tax Assessor, Town Clerk, Engineering Department, Health Department, and Fire Marshal), from interviews of knowledgeable individuals, from previous environmental and geotechnical reports in GZA files that pertain to the Site and from database information provided by FirstSearch Technology Corporation (FirstSearch), a professional environmental data provider. A list of individuals that were interviewed is included in Section 9.00.

ASTM indicates that “all obvious uses of the property shall be identified from the present, back to the property’s first developed use, or back to 1940, whichever is earlier. ASTM further indicates that “data failure is not uncommon” when trying to establish the historical use of a property. A historical summary is provided in Section 4.10 below. Specific detail obtained from ASTM historical sources is contained in subsequent sections.

4.10 SITE HISTORY SUMMARY

Based on GZA’s review of available Site history information, the Site vicinity has consisted of a retail shopping plaza since approximately 1966. Prior to 1966 the Site appears to have been undeveloped. Town of Manchester Tax Assessor’s Office information indicates the Site is owned by FNM Manchester, LLC and that the Site buildings were constructed between 1966 and 1971. Historical resources indicate materials (soil, sand and gravel) may have been excavated from the middle of the Site to facilitate development for the current retail buildings based on changes in historical topographic contours for the Site.

As previously discussed, the Site buildings were most recently used as retail stores, storage space and office space.

Mr. Art Carone, property manager for Berenson Associates, Inc. and a representative of the owner, was interviewed by GZA for this assessment. Also, GZA interviewed Mr. Eugene O’Brien in 2006 regarding Site history and environmental issues; Mr. O’Brien had been involved in the management of the Site for 12 years in 2006. Mr. O’Brien indicated the Site buildings had been completely vacant for two to three years (as of late 2006); retail tenants started to leave the plaza when Stop & Shop moved to the adjacent parcel to the north in approximately 1992. Mr. O’Brien indicated, to the best of his knowledge, the Site had always used natural gas for heating, no USTs were present on the Site, and former transformers at the Site (removed sometime between 2006 and 2011) were owned by CL&P and had not been tested for PCBs. Mr. O’Brien had no knowledge of hazardous materials or petroleum products being used at the Site and no hazardous or petroleum wastes had been shipped from the Site with his authorization. No dry cleaners had been tenants at the Site according to Mr. O’Brien and regulatory records reviewed by GZA did not identify shipment of dry cleaning solvent wastes from the Site. Although the Parkade Laundromat was identified at the Site in 1990 in historical city directories (reviewed by GZA at the CT State Library), there is no evidence that the Parkade Laundromat conducted dry cleaning

operations. No environmental liens were placed on the property (up to 2006) to the best of Mr. O'Brien's knowledge.

4.20 HISTORICAL CITY DIRECTORY REVIEW



On January 19, 2011, GZA field staff reviewed the City Directories on file at the State Library in Hartford, Connecticut. Directories covering the Town of Manchester were available for the years 1936 through 2010. Available directories were reviewed at approximate 5-year intervals.

The 324 Broad Street address was not listed until 1980. The following tenants were listed at this address in the City Directories: CVS (1980-1995), Marshal's (1980-1990), The Flower Store (1980), The Jewelry Shop (1980), TJ Deli & Restaurant (1980), Wild Top Clothing (1980), New England Savings Bank (1984-1990), H&R Block (1984), Command Performance (1990), FotoMat Corp. (1990), Orfitelli's Scoop & Deli (1990), Parkade Laundromat (1990) and Town & Country Jewelry (1990). GZA notes that there is no evidence that the Parkade Laundromat ever conducted dry cleaning operations on-site.

The 330 Broad Street address was not listed until 1972. The following tenants were listed at this address in the City Directories: Butterfield's Department Store (1972), A. Adams Gift Shop (1972-1980), Animal World Pet Shop (1972), Flair Home Furnishings (1972-1975), Fabric Fair (1972), Scuffy Pet Center (1975), Consumer Sales Home Appliances (1975-1980), Mr. La Pizza Restaurant (1980), JoAnn Fabrics (1980), CT State Offices (social service/income dept.) (1984-1995), David's (1984), Pearl Vision Center (1984-1990), Parkade Fun Shop (1984), and Genesis Center (2000). There were no listings for this address in the 2006 or 2010 City Directories.

The 334 Broad Street address was not listed until 1970. Norman's Men's Clothing was listed at the Site in 1970. Hess Service Station, Martin Ltd Clothing and Simmon's WG Group were listed at this address 1975 and 1980. There was no listing in 1984, and Card Gallery was listed in 1990. There were no listings for this address in 1995, 2000, 2006 or 2010.

The 340 Broad Street address was not listed until 1966. From 1966 through 1980, this address was listed as King's Department Store. Bradlee's Department Store, Hobby Time and JoAnn Fabrics were listed at this address from 1984 through 1990. There were no listings for this address from 1995 through 2010.

4.30 AERIAL PHOTOGRAPH REVIEW

GZA reviewed aerial photographs provided through the University of Connecticut Map and Geographic Information Center (UCONN MAGIC) for the years 1934, 1991, 2004 and 2006. GZA also reviewed aerial photographs provided by Environmental Data Resources (EDR) to further assess Site and Site vicinity use. The EDR report includes aerial photographs for the years 1957, 1967, 1977, 1989 and 1997. The following is a summary of aerial photograph observations made by GZA.



The 2006, 2004, 1997, 1991 and 1989 aerial photographs show the Site and Site vicinity properties generally as they appeared at the time of GZA's Site walk over. No significant features that might elicit environmental concern were noted in the photograph.

The 1977 aerial photograph shows the eastern most part of the Site building (location of former Stop & Shop supermarket) is not present. This part of the Site is paved and has a small structure on it adjacent to Broad Street. Other historical resources indicate the small structure is a former Hess gasoline filling station that was present on the Site. No other significant features that might elicit environmental concern were noted in the photograph.

The 1967 photograph indicates that the far west end of the Site building (former Marshall's and adjacent retail space) was under construction. The Hess gasoline station is not present at the east end of the Site; this area is a parking lot with no structures. No other significant features that might elicit environmental concern were noted in the photograph.

The 1957 photograph shows no buildings on the Site except for a small structure along Broad Street that appears to be the size of a small garage. The east side of the Site is cleared and shows features that may indicate soil, sand and gravel excavation. The west half of the Site is wooded and no structures are present. Fewer commercial structures are seen along Broad Street in the vicinity of the Site. No other significant features that might elicit environmental concern were noted in the photograph.

The 1934 aerial photograph shows the Site and surrounding areas as undeveloped wooded land. No significant features that might elicit environmental concern were noted in the photograph.

Copies of the 1934, 1991, 2004 and 2006 aerial photographs and the EDR Aerial Photograph report are included in Appendix B of the report.

4.40 TOPOGRAPHIC MAP REVIEW

EDR provided GZA with 1992 (revised from 1963 map), 1984 (revised from 1963 map), 1968 (revised from 1963 map) and 1963 USGS topographic maps at scales of 1:24,000 and an 1892 map at a scale of 1:62,500. Appendix E contains a copy of the EDR Historical Topographic Map Report. A discussion of historical topographic map observations made by GZA follows.

The 1992 topographic map shows the Site building and vicinity generally as they appeared at the time of GZA's Site walk over. Underlying topography (1963) shows higher elevations (10 to 20 feet above current grade) at the center of the Site. It appears this material was removed to level the Site prior to construction of the current Site buildings and parking areas.

The 1984 map shows the Site buildings without the Stop & Shop portion of the structure at the east end of the Site. A small structure that likely represents the former Hess gasoline station is shown at the east end of the Site adjacent to Broad Street.



The 1968 map shows the Site buildings without the Stop & Shop portion of the structure at the east end of the Site and without the Marshall's portion of the building at the west end of the Site. No Site structures are shown adjacent to Broad Street indicating the Hess gasoline station was likely constructed after 1968 but before 1984.

The 1963 map shows the Site as undeveloped land. A wetland/swamp area is shown at the very west side of the Site that appears to be predominantly on the adjacent property (current Hoyt's Cinemas parking area) to the west. The current car wash building, adjacent to the southeast corner of the Site, is visible. The Credit Union building adjacent to the northeast corner of the Site at the intersection of Green Manor Boulevard and Broad Street is visible. Bigelow Brook west of the Site appears to be further east than in more recent maps of the Site vicinity; the channel of the Brook may have been altered between 1963 and 1968. Topographic contours at the center of the Site appear higher than on later maps indicating possible removal of materials (soil, sand and gravel) prior to the Site being developed for the current retail buildings.

The 1892 topographic map provided by EDR shows the Site and vicinity as vacant land. No structures are shown in the area and Broad Street is not present.

4.50 HISTORIC ATLAS REVIEW

EDR provided GZA with Sanborn Fire Insurance maps for the Site and Site vicinity for the years 1968 and 1949. Appendix E contains a copy of the EDR Historical Sanborn Map Report. A discussion of Sanborn map observations made by GZA is as follows.

The Sanborn Maps provided by EDR do not show the entire Site. The 1949 Sanborn map indicates "no exposure" for the area west of Broad Street in the vicinity of the Site. The 1968 Sanborn map presents coverage up to 250 feet west of Broad Street but does not show the Site buildings or other structures in the vicinity of the Site that are more than 250 feet west of Broad Street. No coverage of the western part of the Site is available from EDR.

The 1968 Sanborn Map shows several businesses along Broad Street that potentially used petroleum products or hazardous materials and are potentially upgradient to the study Site based on available hydrogeological data and inferred groundwater flow direction to the south to southwest toward Bigelow Brook.

The car wash property at 344 Broad Street adjacent to the southeast corner of the Site is shown on the map. This property was formerly a Shell gasoline station and is known to have used an underground petroleum storage tank (see Section 8.20). Historical reports (see Section 5.00) for the southeast part of the study Site indicate petroleum impacts in the vicinity of the car wash parcel.

The property adjacent to the northeast corner of the Site at the corner of Green Manor Boulevard and Broad Street is identified as a Post Office and the rear of the structure on this adjacent property is labeled "truck bay". It is likely that some vehicle maintenance/repair was



performed at this adjacent parcel and chemicals and petroleum products associated with vehicle maintenance/repair were historically used here. If historical petroleum or chemical releases occurred at the Post Office property, contamination could potentially migrate onto the study Site.

Across Broad Street southeast of the study Site at 357 Broad Street is a structure identified as both a gasoline filling station and a tire sales and service company that likely used petroleum products and chemicals related to tire and automobile service. This parcel is south of Bigelow Brook and the Brook may act as a hydrogeologic barrier to contaminated groundwater migration at shallow depths in the upper aquifer. However, Bigelow Brook is not likely to act as a hydrogeologic barrier to contamination (if present) that has impacted deeper portions of the aquifers southeast of the Site. If historical petroleum releases occurred at the 375 Broad Street property, contamination could potentially impact groundwater at depth beneath the study Site.

The property at 341 Broad Street across Broad Street from the car wash property at 344 Broad Street has four large circular structures identified as “oil tanks” and appears to be the location of an oil supply company. If historical petroleum releases occurred at this property, contamination could potentially migrate onto the study Site.

The property at 325 Broad Street north of the oil company parcel is identified as a “dry cleaner”. Dry cleaning chemicals released at this location could potentially migrate onto the study Site in groundwater.

The property at 319 Broad Street north of the dry cleaner parcel is identified as a sheet metal company and the rear of the building is labeled as having an “oil burner. If historical petroleum releases from the oil burner or sheet metal cutting oils occurred at this property, contamination could potentially migrate onto the study Site.

The property at 315 Broad Street north of the sheet metal company parcel is identified as a filling station and car wash. If releases occurred at this parcel from potential petroleum underground tanks and/or auto repair chemicals, contamination could potentially migrate onto the study Site.

The property at 14 Mira Road, located behind 315 and 319 Broad Street, is the location of a structure identified as a machine shop. If petroleum or chemical (solvent) releases occurred at this parcel, contamination could potentially migrate onto the study Site.

The property at 285 Broad Street, located northeast of the Site, is identified as an auto sales and service company. If releases occurred at this parcel from potential petroleum underground tanks and/or auto repair chemicals, contamination could potentially migrate onto the study Site.

The property at 290 or 294 Broad Street, located north of the eastern part of the Site across Green Manor Boulevard, is identified as an auto repair company. If releases occurred at this



parcel from potential petroleum underground tanks and/or auto repair chemicals, contamination could potentially migrate onto the study Site.

Several other properties are shown further to the north along Broad Street that are identified as facilities that may have used petroleum or hazardous materials. These include a dry cleaner at 260 Broad Street, a used auto sales property at 251-253 Broad Street, and gasoline filling stations at 262 and 250 Middle Turnpike West. These properties are northeast and upgradient of the study Site. If releases occurred at these parcels from historical petroleum and/or hazardous materials use, contamination could potentially migrate onto the central to western portions of the study Site.

No other significant features were noted on the 1968 Sanborn map that might potentially indicate an environmental risk to the study Site.

The 1949 Sanborn Map has no coverage of properties west of Broad Street and only six commercial properties on the east side of Broad Street are shown to contain businesses and/or structures.

As on the 1968 Sanborn map, the property at 341 Broad Street has four large circular structures identified as “oil tanks” and appears to be the location of an oil supply company. If historical petroleum releases occurred at this property, contamination could potentially migrate onto the study Site. The property south of 341 Broad Street, across Bigelow Brook, is vacant. A structure is shown on the 331 Broad Street parcel but the business at this location is not identified on the map.

As on the 1968 Sanborn map, the property at 325 Broad Street north of the oil company parcel is identified as a “dry cleaner”. Dry cleaning chemicals released at this location could potentially migrate onto the study Site in groundwater.

Structures are shown at 319, 301 and 295 Broad Street but the businesses at these locations are not identified on the map.

No other significant features were noted on the 1949 Sanborn map that might potentially indicate an environmental risk to the study Site.

4.60 TITLE SEARCH AND HISTORY OF OWNERSHIP

Completion of a title search was not included in the scope of work for this assessment. However, GZA reviewed Tax Assessor’s field cards at the Town of Manchester offices to determine a basic record of ownership for the Site property.

History of ownership records were reviewed at the Manchester Tax Assessor’s office. The records searched indicate the following Site ownership:



Listed Owner	Date Purchased
FNM Manchester, LLC	4/15/04
FNM Associates, LLS	12/31/01
Wilder, Joel B., et al	12/30/81

4.70 OTHER HISTORICAL SOURCES

GZA inquired about historical activities at the Site with the Manchester Clerk's Office, Tax Assessor's office, Building Department, Engineering Department, Health Department and Fire Department.

The Health Department noted that several minor incidents involving trash dumping (paper, building materials, and appliances) along Bigelow Brook behind the Site buildings have been reported in the past. The Health Department indicated that they did not have any records indicating significant health issues related to the reported dumping and no follow up actions were taken by the Town of Manchester other than requiring the property owner to remove the noted trash. Isolated pieces of trash were observed by GZA behind the Site buildings. However, GZA did not observe significant quantities of trash that could be described as "dumping areas" that require clean up. Any "dumping" noted in Health Department records appears to have been removed from the Site.

The Health Department provided a CTDEP Oil and Chemical Spills Emergency Incident Report for the Site that documented dumping of sheet rock and building materials into Bigelow Brook behind the Site buildings on September 5, 2003. The report notes that the person dumping the materials was detained and the police were called but no clean up measures are identified in the report. GZA did not observe the building materials noted in the 2003 report during the Site reconnaissance.

No other information that would indicate the presence of RECs at the Site were identified in the records searched at the Manchester municipal offices.

5.00 PREVIOUS SITE INVESTIGATIONS

GZA reviewed multiple historical environmental reports for the Site. The available reports are summarized below.

Environmental Site Assessment, Broad Street Parkade, Manchester, Connecticut, by Heynen Teale Engineers (HTE) of Guilford, CT, dated March 20, 1992.

The 1992 HTE Phase I report indicated both on-Site and off-Site conditions that might impact the environmental quality of the study Site. On-Site RECs noted in this report include the presence of leaking USTs at a former Hess gasoline service station adjacent to Broad Street and potential solid waste disposal at a historical Manchester landfill that reportedly was located off Broad Street. (GZA notes regulatory research for our current



Phase I Site Assessment indicates no solid waste dumping on the study Site but potential historical solid waste dumping east of Broad Street in the vicinity of 315 Broad Street.)

The report notes approximately 4,000 cubic yards of petroleum impacted soil were excavated from the Hess property adjacent to the current Mr. Auto Wash property at 344 Broad Street. At the time of the Hess soil remediation, the 344 Broad Street property was a Shell gasoline station with three 10,000-gallon USTs.

The report indicates there is not enough evidence to conclude the Site's status as an "establishment" under the Connecticut Property Transfer Act.

The HTE report indicates adjacent properties with reported environmental conditions that could potentially migrate onto the study Site in groundwater include: Sears Automotive located north of the east side of the study Site; Nichols Auto Body located northeast of the Site along Broad Street; Oak Grove Furniture Refinishing located northeast of the Site along Broad Street; Speedy Muffler King located northeast of the Site along Broad Street; Pennzoil 10-Minute Economy Oil Change located east of the Site along Broad Street; The Restoration Shop located east of the Site along Broad Street; K-B Automotive located east of the Site along Broad Street; and Capitol Tire/Goodyear Auto Service located east of the Site along Broad Street.

The HTE report recommends that a complete asbestos containing materials survey be completed for the Site if demolition of buildings is planned.

The HTE report also recommends that subsurface investigation including soil vapor and groundwater testing be completed to assess the east end of the Site where the former Hess gasoline station was located.

Phase II Environmental Site Assessment, Broad Street Parkade, 330 Broad Street Manchester, Connecticut, by Heynen Teale Engineers (HTE) of Guilford, CT, dated June 23, 1993.

The HTE Phase II report documents soil and groundwater testing (no soil vapor testing is reported) in the vicinity of the former Hess gasoline station. Four soil borings were installed on May 21, 1993 and monitoring wells were constructed in each of the four borings. Groundwater samples were collected from the four wells on April 27, 1993 and no floating petroleum product was observed in the monitoring wells at the time of sample collection. Soils consisted of red-brown, sand, gravel and silt; no bedrock or fill materials were reportedly encountered during the drilling. Groundwater was found at approximately 4 to 8 feet below grade. One soil sample contained 560 mg/kg petroleum hydrocarbons and no VOCs or RCRA-8 metals were detected in soil samples by laboratory analysis. The following VOCs were detected in groundwater at low concentrations: trichloroethylene (highest concentration was 20 µg/L), tetrachloroethylene (highest concentration was 8 µg/L), 1,2-dichloroethylene (highest concentration was 8 µg/L) and methyl-tert-butyl-ether (MTBE, highest concentration was 2 µg/L).



The HTE Phase II report indicates that the Site is in a GB Classified groundwater area and that the Manchester Health Department reported no public or private water supply wells within a mile of the Site. We note that GZA's research also indicated that no public or private water supply wells are currently located within a mile of the Site.

According to HTE, chlorinated VOCs detected in groundwater from HTE wells MW-2 and MW-4 could be attributed to either an on-Site or off-Site source but the concentrations of VOCs in groundwater "are not considered to be a human health threat" because the Site is in a GB Classified area and no area water supply wells are identified by local regulatory officials that were interviewed by HTE. GZA reviewed the "*Atlas of Public Water Supply Sources and Drainage Basins*" (CT DEP, 1982) (Atlas) to assess Site and Site vicinity public water supply sources. The Atlas does not indicate public groundwater supply wells are located within an approximate 1-mile radius of the Site.

No recommendations for further site investigation were presented in this Phase II report. GZA notes that the HTE monitoring wells were not observed at the Site in 2006 and these previous wells were likely destroyed sometime prior to 2006.

Subsurface Investigation Report, Site B, Manchester, Connecticut, by ABB Environmental Services, Inc. (ABB) of Middletown, CT, dated September 9, 1994.

The ABB investigation was completed to assess the extent of previously detected VOCs in groundwater (see review of HTE reports above) and to assess the quality of soils in the vicinity of the former Marshall's retail space in preparation for proposed Site redevelopment. Concentrations of VOCs similar to those detected during the previous 1993 HTE investigation were detected by ABB in 1994. Concentrations of trichloroethylene up to 22 µg/L were detected in groundwater by ABB and groundwater flow was inferred to be to the south (towards Bigelow Brook) beneath eastern portions of the Site and to the west beneath northern and western portions of the Site.

ABB indicated that they did not detect an on-Site source for VOC impacts to groundwater during their investigation. Chlorinated VOCs were detected in groundwater from the north side of the Site to the area in front of the former Marshall's retail space at concentrations similar to previous (HTE) investigations. ABB indicated "The detection of VOCs in groundwater do not represent an imminent threat to human health or the environment." Weathered fuel oil residue was detected between the two Site buildings during the ABB study. The area is reported as a "limited" area at the water table and impacts could extend to the west and south of the ABB borings in this area according to ABB's analysis of the data. GZA notes that a release of hydraulic oil or motor oil was observed beneath a front end loader parked in a fenced area just west of the ABB borings where fuel oil was detected (see Section 6.10.4).

ABB did not recommend any remedial measures to address VOCs in groundwater and they indicated that VOCs in groundwater that reached Bigelow Brook would likely be diluted and would not be a risk to surface water quality.



ABB recommended an additional groundwater monitoring well west of the Marshall's retail space to assess the extent of VOCs in this direction. Also, ABB indicated that additional water quality information would be needed prior to any on-Site dewatering for redevelopment; pretreatment of pumped groundwater was anticipated by ABB considering the VOCs detected in groundwater to date.

No other recommendations for investigation or remediation were presented by ABB in their report.

Hazardous Building Materials Inspection Report For Broad Street, Manchester, Connecticut, by Eagle Environmental, Inc. (Eagle) of Bristol, CT, dated December 2, 2005.

And,

Pre-demolition Environmental Building Assessment letter dated May 1, 2005 from Fuss & O'Neill (F&O) of Manchester, Connecticut to FNM Associates Manchester, LLC.

In 2006, GZA Associate Principal John Pilling, completed a walk-through of Site buildings (September 12, 2006) and subsequently reviewed the above referenced Eagle report and F&O letter. The report and letter included an assessment of a movie theatre property west of the study Site which is considered a downgradient adjacent property for GZA's current Phase I Site Assessment. Also, the Eagle and F&O assessments did not include the Site building space most recently occupied by State of Connecticut offices (southwest corner of Site buildings) because no access was provided at the time of their assessment.

The F&O letter indicates they walked accessible portions of the Site buildings interiors and a limited review of exterior portions of the Site to identify hazardous materials. The F&O letter indicates minor cleaning chemicals and a few containers of paint were identified along with one partially full bucket of roofing cement, two gallon containers of oil, one quart of oil and a garbage can with empty spray paint cans. F&O recommended that the materials identified be removed from the Site for disposal. GZA observed that the materials identified were still in the buildings on September 12, 2006.

F&O also indicated that they noted six electrical transformers when walking the exterior portions of the Site. F&O recommended that the property owner contact the power company about removal of the transformers if this is necessary during Site redevelopment. No other F&O recommendations are given in the letter. F&O reviews the Eagle report findings at the end of their letter.

The Eagle report presents their findings on asbestos containing materials, lead based paint, PCB and DEHP containing light ballasts, mercury vapor lamps, thermostatic controls with capacitors and Freon bearing equipment noted in Site buildings. An accounting of hazardous materials observed and tested is provided by Eagle in their report. Recommendations for removal of hazardous building materials with cost estimates for removal and monitoring are also presented in the Eagle report. Hazardous materials



observed by Eagle at the Site included asbestos containing materials, low levels of lead based paint, PCB and DEHP containing light ballasts, mercury vapor lamps, thermostatic controls with capacitors and Freon bearing equipment.

After review of the Eagle report and F&O letter, GZA notes that Eagle's survey does not currently comply with federal and state sampling requirements of all materials identified during their survey. Numerous materials currently classified as non-ACM by Eagle have been identified using only one sample. Regulations indicate "miscellaneous materials" (flooring, roofing, caulking, etc.) require a minimum of two samples to be properly classified as a non-ACM. Also, for certain non-friable materials (flooring, roofing, caulking), negative results obtained by polarized light microscopy (method used for most samples collected during the Eagle survey), transmission electron microscopy is recommended to confirm these initially negative sample results. Eagle did not confirm all negative non-friable materials using electron microscopy.

Certain hazardous building materials do not appear to be addressed (batteries, hydraulic door stops containing oils/PCBs, mercury switches in water heaters, CFCs in water fountains, HVAC compressor oils-PCBs, general equipment oils). These Site building materials should be inventoried and included in removal and cost estimates.

Four foot fluorescent light fixtures that contain 4 lamps typically utilize two ballasts, rather than one. It is unclear in the Eagle report whether Eagle accounted for this in their inventory and cost estimates. Eagle should be contacted to confirm the accounting process used to define the number of light ballasts at the Site and Eagle's scope of work and cost estimates should be adjusted, if necessary.

Additional suspect ACMs not addressed in the Eagle report include: sprayed-on fireproofing, mastic underneath fiberglass on HVAC units, stair treads/mastics, terrazzo floors, wall panels mastics (more present than currently addressed), mirror glue, glue on columns (potential), expansion joint filler board/mastic, exterior paint, the possibility of ACMs behind stone Bradlees façade and vacant suites wood siding, exterior cooler at S&S, multiple sheetrock/joint compound history in Marshall's building, laminate panel glue, concrete skim coat at Marshall's foundation wall and sub-surface damp-proofing on exterior foundation walls. These items should be inventoried prior to building demolition.

Eagle reported that they collected and analyzed composite samples of sheetrock/joint compound during their study. Although the State of Connecticut and the USEPA allow for composite samples of sheetrock/joint compound to be collected, OSHA does not recognize this practice. Some of the composite samples collected at the Site by Eagle contained trace (<1%) levels of asbestos. This could mean that some of the Site building joint compounds contain asbestos at levels >1%. The Eagle report does not indicate that discrete sheetrock/joint compound samples were collected or analyzed. In order to prevent a release of asbestos fibers during Site building demolition, additional discrete sheetrock/joint compound samples should be collected and analyzed to confirm the presence/absence of asbestos in these materials.

Additional Soil and Groundwater Data from GZA Files, 2006.

GZA conducted subsurface soil and groundwater testing at the Site in 2006 for a confidential client that has given GZA permission to include that data in the current Phase I Environmental Site Assessment of the Site for the Town of Manchester.



Between November 27, 2006 and December 12, 2006, GZA collected sixteen (16) soil samples, three (3) surface water and stream sediment samples, and fifteen (15) groundwater samples for analysis. A brief summary of the rationale for soil boring and groundwater monitoring well locations is presented below along with identification of the analytical parameters for each area:

- Four shallow (0-1') soil borings were located adjacent to transformers T-1, T-2, T-3 and T-5 and analyzed for PCBs and ETPH.
- Two borings (TC-1 and TC-2) were located adjacent to the trash compactors and samples from TC-2 were analyzed for PCBs and ETPH.
- Two borings were located adjacent to the loading dock lifts (L-1 and L-2) and samples from L-2 were analyzed for PCBs and ETPH.
- Borings FL-1 and FL-2 were completed near the former front-end loader area and analyzed for PCBs and ETPH.
- Four deeper (+15) soil borings were located in the vicinity of the former Hess service station (FHS-1, FHS-2, FHS-3 and MW-11). Two samples from each boring were analyzed for PCBs and ETPH.
- Three additional groundwater monitoring wells (MW-10, MW-11 and MW-12) were installed on Site.
- Fifteen groundwater samples were extracted from pre-existing and recently installed monitoring wells. Monitoring wells MW-1, MW-4, MW-9 and MW-11 were analyzed for VOCs, PAHs, ETPH, and PP-13 metals; and wells MW-2, MW-3, MW-5, MW-6, MW-7, MW-10, MW-12, MW-13, MW-14, MW-15, and MW-16 were analyzed for VOCs alone
- Three surface water and three stream sediment samples were collected from Bigelow Brook along the south side of the Site. Samples were collected near the culvert at Broad Street (SW-1 and SED-1), near a stormwater outfall (SW-2 and SED-2) to the Brook approximately 650 feet west (downstream) of the Broad Street culvert and at a location where the western Site property line crosses the Brook (SW-3 and SED-3). Surface water and sediment samples were analyzed for VOCs, ETPH, semi-volatile organic compounds (SVOCs) and PP-13 metals (antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium, and zinc) as well as nitrate, nitrite, ammonia, TKN, total phosphorous and suspended solids.

GZA soil boring and monitoring well locations are shown on Figure 3, attached. Monitoring well construction information, soil analytical data, groundwater analytical data, stream sediment data and stream surface water data are included in Tables 1 through 5, attached. Also, boring logs and well construction logs are included in Appendix D.



Laboratory data shows that constituents associated with activities at the former Service Station were not detected in samples taken from both the Station footprint as well as from areas further down-gradient where contamination could likely have migrated.

Laboratory analysis of both soil and groundwater samples collected at locations adjacent to a parked front-end loader (where surficial staining and dripping engine fluids were observed in 2006) indicated low level petroleum constituents, below RSR criteria. It is GZA's opinion that a small volume of soil in this area may exhibit localized petroleum impacts that would require appropriate management during Site redevelopment based on our 2006 observations of surficial stains on pavement. However, the volume of soil requiring remediation and disposal is not expected to be significant based on the available soil and groundwater data.

In 2006, laboratory analysis of both soil and groundwater samples collected next to on-Site transformers, the hydraulic trash compactor and hydraulic lifts indicated no significant petroleum impacts. No PCBs were detected in soil samples adjacent to transformers and hydraulic lifts.

Surface water and stream sediment samples were taken to provide a baseline for water flowing to the Site and sediments being deposited on the Site. Low levels of VOCs were detected adjacent to the central stormwater outfall to the stream. The detected constituents and concentrations are similar to those detected throughout the Site in groundwater. It is likely that the Site stormwater piping intercepts the water table thus creating a preferred migration pathway along the pipe bedding material and directing groundwater discharge to surface water the outfall location. Further down gradient, VOC levels in surface water are non-detectable, indicating attenuation (likely due to volatilization of the materials) is occurring as a result of the flow in the stream.

The low concentrations of VOCs detected in 2006 in groundwater samples from monitoring wells do not exceed groundwater RSR criteria. Based on the widespread distribution VOCs at low concentrations and detection of VOCs in upgradient wells near the property line, it was likely that the source for the detected VOCs was off-Site. Concentrations of VOCs appear to be lower than those detected from wells previously sampled on the Site during prior studies. Based on groundwater levels recorded at the Site, groundwater flow is inferred to be towards westerly across most of the Site. In the western portion of the Site the flow trends to the northwest, possibly flowing along a former stream channel; we note that historical topographic maps show the location of Bigelow Brook further to the north. Near Bigelow Brook, groundwater flow appears to be south towards the Brook.

The Site did not appear to be subject to the Connecticut Property Transfer Act in 2006 and was not under a current DEP Order to abate pollution. Therefore, no action was required to comply with regulatory requirements at that time. Although low concentrations of certain contaminants were detected in soil, groundwater, stream sediment and surface water at the Site, concentrations were generally well below established criteria and no significant on-Site sources of contamination were identified.



In certain areas of the Site, there is potential for encountering residual shallow petroleum impacted soils related to transformers, previously leaking equipment (front end loader) or previous gas station activities (former Hess station). Based on the potential for small amounts of petroleum impacted soil, it would be prudent to plan for management of impacted soil during redevelopment activities. Also, low level groundwater contamination was detected at the Site and future Site redevelopment activities that require dewatering would likely require a permit for discharge of contaminated groundwater. Pumped groundwater may require treatment and monitoring for compliance with permit conditions.

Also in 2006, concurrent with GZA's environmental assessment, soil borings were completed by a confidential developer to assess the geotechnical features of the Site. More than 50 soil borings were completed at the Site as part of the geotechnical study. GZA was given permission to use the geotechnical soil boring logs in completing this current study. The geotechnical boring logs are included in Appendix C. Low level VOCs were identified in soils at the water table in certain soil borings and the detections are consistent with GZA's groundwater analytical data. Soil boring logs from the geotechnical study do not indicate evidence of solid waste fill at the Site. This is consistent with other historical information that indicates no evidence of landfilling activities at the Site.

6.00 SITE RECONNAISSANCE AND INTERVIEWS

The purpose of GZA's Site reconnaissance was to make surficial observations for evidence of RECs that could result in the presence of hazardous materials or petroleum products in the environment. The Site reconnaissance portion of the Phase I investigation was conducted by Mr. Benjamin A. Graham, GZA Environmental Scientist, on January 24, 2011. During the Site visit, GZA was unaccompanied. GZA interviewed by telephone Mr. Art Carone, the current property manager, regarding his knowledge of current and past Site operations, petroleum/chemical storage practices and on-Site usage and/or management of hazardous materials. Mr. Carone stated that his knowledge of Site history is limited because he has only been in the position of property manager for approximately five and a half years for this Site.

The Site is accessed by driveways off Broad Street and Green Manor Boulevard. Paved parking areas are found north of the Site buildings. Access driveways and delivery areas are found behind the Site buildings on the south and west sides of the Site. The parking areas slope gently to the south and west towards Bigelow Brook. Site stormwater is directed to catch basins located in the parking area and storm drains are also present along Broad Street and Green Manor Boulevard. Town of Manchester officials indicated that storm drains discharge to Bigelow Brook. Two stormwater outfalls to Bigelow Brook are located on the Site.

Observations of accessible areas were documented and pertinent features or areas of environmental concern were photographed and are referenced in the text. Photographs are included in Appendix B and pertinent Site features are documented on Figure 2. A summary of GZA's observations is presented below. GZA notes that the parking lots and

paved areas were covered with large piles of snow and were not plowed and other unpaved areas of the Site were covered with several feet of snowfall at the time of our Site visit.

6.10 EXTERIOR OBSERVATIONS



6.10.1 Underground Storage Tanks (USTs)

No surficial evidence of USTs (i.e., fill ports, vent pipes, pavement repairs, etc.) was observed during the exterior Site reconnaissance. Mr. Carone indicated that, to the best of his knowledge, there have never been any USTs in use at the Site.

6.10.2 Aboveground Storage Tanks (ASTs)

GZA did not observe evidence of ASTs at the Site and none were reported by Mr. Carone.

6.10.3 Hazardous Substances or Petroleum Products Use

A trash compactor with an oil reservoir was noted outside the southeast corner of the former Bradlee's portion of the Site building. The compactor reservoir appeared to have an approximately 50-gallon capacity (square metal tank attached to the compactor). GZA did not observe leakage around the compactor or reservoir; however, a good portion of the compactor and the ground surface around the compactor was covered with ice and snow at the time of the Site reconnaissance.

No other petroleum or hazardous substance use or storage was identified at exterior parts of the Site.

6.10.4 Staining

No significant surficial staining was noted at the Site during GZA's exterior Site reconnaissance. However, GZA was unable to look for visual evidence of surficial staining over the majority of the Site due to several feet of snow and ice covering the Site.

GZA notes that a 2006 Site reconnaissance by GZA identified typical parking lot staining at the Site, but none of the stains appeared to indicate a significant release that would elicit environmental concern other than engine fluids dripping from a front end loader at the southwest corner of the Site next to the former Marshall's store. Soils in the area of the observed staining were sampled and analyzed; no petroleum constituents or PCBs were detected in the samples collected in 2006.

6.10.5 Electrical Transformers/Equipment

GZA did not observe any electrical transformers during the Site reconnaissance.



During a 2006 Site reconnaissance by GZA, five (5) pad-mounted electrical transformers were observed at the Site. The concrete pads and paved surfaces below and around the transformers did not appear stained. Four of the transformers had labels indicating they are owned by Connecticut Light and Power (CL&P). None of the transformers had labels identifying their PCB content. The table below summarizes GZA transformer observations from 2006.

Map ID	Location	Owner Label	PCB Label	Staining in Vicinity
T-1	Southwest corner property	CL&P #1682	None	None
T-2	South side center retail	CL&P #1386	None	None
T-3	South side Bradlee's	CL&P #1393	None	None
T-4	South side Stop & Shop	CL&P #2760	None	None
T-5	Northwest corner property	None	None	None

GZA contacted Mr. Tom Lawton of CL&P to inquire about the PCB content of oil in the observed transformers. Mr. Lawton confirmed CL&P ownership of the five on-Site transformers and reported that transformer T-4 has an interior label indicating oil inside the transformer is less than 1 ppm PCBs. The PCB concentration of oil in the other four transformers at the Site was not known by CL&P. Mr. Lawton indicated that, based on the age of the transformers, they are likely to contain oil that has concentrations of 50 to 500 mg/kg PCBs. Mr. Lawton indicated that he observed the five transformers on the Site and that he did not observe any evidence of a release of oil. Shallow soil samples collected in 2006 by GZA near four of the five transformers (T-1, T-2, T-3 and T-5) indicated no PCBs detected, trace petroleum in sample T-2 and very low level petroleum (below regulatory criteria) in sample T-5.

It appears the transformers were removed from the Site between 2006 and 2011 but no documentation (other than a spills report and cleanup for one transformer described in Section 8.00 of this report) is available in public records searched by GZA.

6.10.6 Drywells and Sumps

GZA did not observe drywells or sumps during the Site reconnaissance. Mr. Carone indicated that, to the best of his knowledge, no drywells or sumps have historically been used/located on the Site.

6.10.7 Pits, Ponds, and Lagoons

No pits, ponds or lagoons associated with waste disposal were observed at the Site.

6.10.8 Wells

No evidence of current or former on-Site water supply wells was observed at the Site and none were reported by Mr. Carone. Local municipal records indicate the Site is currently connected to the municipal public water supply system.



During the 2006 Site reconnaissance, GZA observed several flush mounted, protective steel casings for PVC monitoring wells at the Site. The locations of the monitoring wells corresponded with the locations indicated in the ABB 1994 Subsurface Investigation Report (see Section 5.00).

Due to snowfall and the fact that the paved areas of the Site have not been plowed, GZA was unable to locate any of the aforementioned groundwater monitoring wells during the 2011 Site reconnaissance.

6.10.9 Solid Waste

No solid waste containers were observed at the Site. Mr. Carone indicated that the Site did not have tenants at this time and that solid waste disposal service was not necessary. Mr. Carone indicated that small amounts of trash are sometimes illegally dumped behind the Site buildings but that these incidents are infrequent and are cleaned up by his management company. During the 2006 Site reconnaissance, GZA observed minor amounts of trash (paper, cardboard, discarded bottles and cans, clothing, and various scrap) adjacent or in Bigelow Brook at the south side of the Site. No hazardous materials or petroleum containing items were observed and no oil sheen was noted on the surface water of the brook. Due to the snow and ice cover, GZA was unable to visually inspect the stream bed for signs of dumping during the 2011 Site reconnaissance.

6.10.10 Septic Systems

GZA did not observe evidence of septic systems during the Site reconnaissance. Based on available information, the Site and Site vicinity are serviced by the Manchester municipal sewer system. Mr. Carone indicated that, to the best of his knowledge, the Site had always been connected to the municipal sewer system.

6.10.11 Stressed Vegetation

No stressed vegetation was observed on the Site exterior; however, due to the snow and ice ground cover, the inspection area for stressed vegetation was extremely limited.

Mr. Carone indicated that there is very little vegetation on the Site except for small landscaped areas at the northwest corner of the Site and the area adjacent to Bigelow Brook and that his management company uses small amounts of herbicide to keep weeds down in the Site parking areas and adjacent to the Site buildings. Mr. Carone indicated that no herbicides or pesticides are stored on the Site and that the materials that are used for weed control are applied per the instructions on the packaging. Mr. Carone was not aware of any historic spills of pesticides or herbicides on the Site.



6.10.12 Soil/Water Sampling

No subsurface exploration or chemical analysis has been included as part of GZA's scope of services for this assessment. Information regarding subsurface conditions at the Site is provided in Section 5.00, which documents previous subsurface investigation data obtained by GZA. Additional testing, if necessary, could be obtained by traditional subsurface exploration techniques and the collection and chemical analysis of soil and water samples. Subsurface conditions encountered in previous environmental studies at the Site are described in Section 5.00.

6.10.13 Oil/Water Separators

No evidence of oil water separators was observed at the Site and no oil/water separators were reported by Mr. Carone.

6.10.14 Surface Water Runoff

According to Mr. Carone, Site storm water is directed to catch basins located in the paved driveway/parking areas of the Site. Two stormwater outlets to Bigelow Brook were identified along the south side of the Site during the 2006 Site reconnaissance. It was Mr. Carone's opinion that all Site catch basins discharge to Bigelow Brook through the Town of Manchester storm sewer system.

6.10.15 Other Observations

GZA observed the Site's natural gas connection along the northern wall of the Site building exterior.

GZA noted general good housekeeping on the Site exterior during the Site reconnaissance. No trash piles or abandoned vehicles were noted, although snow cover obscured observations of the ground surface in most areas.

No other significant environmental conditions were observed by GZA during the Site reconnaissance.

6.20 INTERIOR OBSERVATIONS

The interior of the Site including occupied areas and storage areas was visually assessed for evidence of Recognized Environmental Conditions. The conditions observed are presented below.

Two Site buildings are present. Together the two Site buildings cover an "L" shaped area along the south and west sides of the generally rectangular shaped property. The first and larger building runs along the south side of the Site and the second, smaller building, which is separated from the first by a partially roofed alley, extends along the west side of the Site.



The east end of the larger building was formerly occupied by a Stop & Shop supermarket and Bradlee's department store (see Figure 2). The south end of the second, smaller building was formerly occupied by a Marshall's clothing store. Other spaces in the Site buildings were smaller retail stores or office space according to Mr. Carone and information found in other historical resources.

Observation of interior Site conditions was limited as there was no power (and therefore no lighting) in any of the units, and three of the retail units in the center of the southern Site building and the southern portion of the western building (former Marshall's) were locked and inaccessible. We note that Mr. Carone indicated the Site buildings have been vacant and boarded shut since GZA's prior assessment in 2006.

6.20.1 Construction

The Site buildings are concrete block construction with poured concrete slab foundations; no basement spaces are present according to Mr. Carone. Most large retail spaces are separated by concrete block walls and the concrete interior walls define where the building was added onto between the original construction in 1966 and subsequent construction in 1971. Some of the smaller retail spaces are separated by wood or metal framed walls covered with sheetrock. Parts of the front of the building are surfaced with brick veneer.

The buildings have flat, built up membrane roofs according to Mr. Carone. GZA did not access the roof tops during our Site visit. Many of the retail spaces exhibited water damage to ceilings/roofs and water leaks; roofs appear to be structurally unsound at this time. Certain retail spaces were very damp due to roof leaks and significant mold was observed on the floor, walls and ceilings of most of the retail spaces. The small retail spaces at the center of the first, larger building appeared to have the most water damage and mold growth.

The former large retail spaces contain mostly tiled floors and ceilings finished with suspended ceiling tile. Smaller retail and office spaces also have suspended ceiling tile ceilings but are typically carpeted. The foyer at the center of the second, smaller Site building is ceramic tile. Ceramic tiles are present at the former food preparation areas of the former Stop & Shop supermarket space at the east end of the first, larger Site building.

6.20.2 Heating and Cooling

The Site buildings are currently vacant and not heated or cooled. The retail spaces that formerly occupied the Site buildings utilized natural gas boilers and rooftop air conditioning units. Boilers, air conditioning units, and air handlers for the former retail spaces were located throughout the Site buildings. GZA did not access the roof area during the Site reconnaissance. Mr. Carone was not aware of the Site buildings ever being heated with oil.



6.20.3 Current Site Use

As discussed above, the Site buildings were formerly used as retail stores. Parkade Laundromat was identified at the Site (324 Broad Street) in the 1990 historic City Directory. However, GZA did not obtain any information which would indicate the dry cleaning was conducted on-site. No evidence of dry cleaning or other businesses that might use hazardous materials or petroleum products was noted in historical resources reviewed by GZA and no evidence was observed during our Site visit that would indicate the use or storage of hazardous materials or petroleum products within the retail spaces, other than “deminimis” quantities of consumer products or cleaning products in former retail stores. No maintenance or repair shops were identified in the Site buildings.

6.20.4 Chemical Use and Storage Areas

GZA did not note any chemical use or storage areas in any of the retail spaces within the Site buildings. A few bottles and cans of cleaning products were observed in some of the retail spaces but no releases were noted.

6.20.5 Stains or Corrosion

As indicated in Section 6.20.1 above ceilings, walls and floors of many of the former retail spaces were stained and/or exhibited mold due to water infiltration from the roof. No other interior staining was observed that would elicit environmental concern.

6.20.6 Floor Drains or Sumps

GZA observed several floor drains in the bathrooms of the former retail stores and several floor drains throughout the former Stop & Shop unit. Mr. Carone indicated that the floor drains were connected to the sanitary sewer system. No staining or odors were detected in the vicinity of the floor drains and no evidence of a release of hazardous materials or petroleum products to the floor drains was noted by GZA.

6.20.7 Other Observations

GZA did not have access to the former Marshall's unit during the 2011 Site reconnaissance. However, during the 2006 Site reconnaissance, GZA observed fluorescent light ballasts inside the former Marshall's retail space. Some of the light ballasts were stacked on the floor without containment, others were found in cardboard boxes and in plastic buckets. The PCB content of the ballasts could not be determined by the labels on the ballasts. Light ballasts can contain PCBs and they should be properly managed and disposed. Mr. Carone did not have any information concerning the light ballasts. GZA did not observe staining on the floor in the vicinity of the light ballasts and no release of hazardous materials was indicated. We note that the Town of Manchester has contracted with others to do a hazardous building materials survey for the Site which we understand will be submitted to the Town under separate cover.

No other observations were noted during the interior Site reconnaissance that might elicit environmental concern.

7.00 VICINITY RECONNAISSANCE



As part of GZA's site assessment, a reconnaissance of properties adjoining the Site, as well as the vicinity within an approximately one quarter mile of the Site, was conducted from public properties. The result of GZA's Site vicinity reconnaissance is presented below.

7.10 HAZARDOUS MATERIALS USE AT ADJOINING PROPERTIES

Based on GZA's observations of current uses of, and activities at, vicinity properties, properties likely to store, sell and/or use hazardous materials and/or petroleum products include:

Nearby and Adjacent Property Use/Occupant (environmental concern)	Address	Location Relative to Site	Location Relative to Inferred Groundwater Flow
Mr. Auto Wash car wash (use of heating oil and detergents)	344 Broad St.	East	Cross gradient
Monro Muffler (use of oil and other auto fluids)	325 Broad St.	East	Cross to Upgradient
Economy Auto (use of oil and other auto fluids)	315 Broad St.	East	Upgradient
Vacant auto repair garage (former use of gasoline, oil and other auto fluids)	301 Broad St.	East	Upgradient
Vacant garage (Former J&M Corvettes) (use of gasoline, oil and other auto fluids)	299 Broad St.	Northeast	Upgradient
Meineke Muffler (use of oil and other auto fluids)	290 Broad St.	Northeast	Upgradient
J&M Motor Sports (former Vernon Collision Center) (use of oil, paints, solvents and other auto fluids)	290 Broad St.	Northeast	Upgradient
Hertz Rental Car (storage of oil and other auto fluids in vehicles)	290 Broad St.	Northeast	Upgradient
Frank's Auto Center (use of oil and other auto fluids)	285 Broad Street	Northeast	Upgradient

Other adjoining properties are a cemetery (across Bigelow Brook to the south), residential properties (across Bigelow Brook to the south) and other commercial uses (east, north and west) that are not likely to use chemicals or petroleum products. However, we note it is possible any of these other adjoining properties could potentially use or store heating oil in a manner that would not be evident during an area reconnaissance.



7.20 VICINITY PROPERTIES AND USE

Properties within an approximate ¼-mile of the Site consist generally of mixed single and multi-family residences and commercial businesses. Commercial businesses are found along main roads in the vicinity of the Site which include Broad Street, West Middle Turnpike and Green Manor Boulevard. Residential properties are found on side streets east, north, and west of the Site. Saint James Cemetery is a large property located south of the Site across Bigelow Brook.

Based on review of a database of tenants for the adjacent shopping mall (Manchester Parkade shopping plaza) north of the Site, dry cleaning may have taken place at this nearby crossgradient to downgradient property. Also, dry cleaners are present at 299 and 356 West Middle Turnpike properties located north of the Site in a crossgradient direction.

Three gasoline filling stations (Getty, Shell, Mobil) are located at or near the intersection of Broad Street and West Middle Turnpike approximately 1,000 feet northeast of the Site in an upgradient to crossgradient direction.

8.00 REGULATORY DATABASE REVIEW

The following section summarizes publicly available information obtained from FirstSearch Technology Corporation (FirstSearch) and from various Federal, State, Tribal and local agencies that maintain environmental regulatory databases. These databases provide information about the regulatory status of a property and incidents involving use, storage, spilling or transportation of oil or hazardous materials. Appendix E contains a copy of the January 17, 2011 FirstSearch report for the Site and Site vicinity.

8.10 FEDERAL AGENCY DATABASES

Site and Site vicinity information from ASTM-required Federal databases was provided by FirstSearch and reviewed by GZA. The ASTM databases reviewed, the date of the most recent update of the database and the approximate search radius distances used are presented below.



ASTM Standard Database	Date	Radius Searched
National Priorities List (NPL) and Proposed NPL facilities	10/21/2010	1.0-mile
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)	11/30/2010	0.50-mile
CERCLIS-No Further Remedial Action Planned (NFRAP) Site listings	11/30/2010	0.50-mile
Resource Conservation and Recovery Information System, Large and Small Generator Databases (RCRA GEN)	11/10/2010	0.25-mile
RCRA Treatment, Storage or Disposal Facility Database (RCRA TSD)	11/10/2010	0.50-mile
RCRA No Longer Regulated (RCRA NLR)	11/10/2010	0.25-mile
Emergency Response Notification System (ERNS) Database	10/21/2010	0.25-mile
RCRA-TSDs Subject to Corrective Action (CORRACTS)	11/10/2010	1.0-mile
Federal Institutional/Engineering Controls Registry	11/4/2010	0.50-mile
Federal Brownfields	10/1/2010	0.50-mile

Site

The Site was not listed in any of the Federal databases searched by FirstSearch and reviewed by GZA. State database listings for the Site are discussed in Section 8.20.

Off-Site

FirstSearch listed one (1) CERCLIS site within ½-mile of the Site, one (1) CORRACTS site greater than ½-mile from the Site, eight (8) RCRA-GEN sites within a ¼-mile of the Site, three (3) RCRA-NLR site within ¼-mile of the Site, and three (3) ERNS sites within ¼-mile of the Site.

The closest listed property to the Site is Stop & Shop, located at 286 Broad Street and neighboring the Site to the north on the other side of Green Manor Boulevard. This property is listed in the ERNS and RCRA-GEN database. According to the FirstSearch report, on January 15, 1995, an employee vehicle leaked 10-gallons of gasoline due to a failed tank. The discharge was secured and a boom was deployed. A contractor was hired for clean-up. This property is also listed as a small quantity generator of hazardous waste (generates 100-1,000 kilograms of waste per month). The hazardous waste listed was silver. This property is located in a crossgradient/upgradient location with respect to the inferred groundwater flow direction.

315 Broad Street, located 0.02-miles northeast of the Site on the opposite side of Broad Street, is listed in the CERCLIS and RCRA-NLR databases. The report indicates site inspections in 1993 and 2001 found low priority for further assessment. Hazardous waste



information for the property indicated for wastes involving lead and benzene. This property is located in an upgradient location with respect to the inferred groundwater flow direction.

Manchester Parkade, located at 386 Middle Turnpike West and located 0.07-miles northwest of the Site, was listed in the ERNS database. According to the report, a release of 30-gallons of transformer oil (transformer labeled less than 2 ppm PCB) occurred on April 8, 2002 due to a bullet hole in a pad-mounted transformer. 30-gallons of oil spilled, and 1-gallon of the oil reached a catch basin. A contractor was hired for clean-up, and the status of the spill is listed as “fixed”. This property is located in a crossgradient location with respect to the inferred groundwater flow direction.

Decormier Motor Sales, located at 285 Broad Street and 0.08-miles northeast of the Site, is listed in the RCRA-GEN and RCRA-NLR databases of the report. The report indicates that the property was conditionally exempt small quantity generator of hazardous waste (waste flammable liquid). The RCRA-NLR listing indicates that wastes were from spent halogenated solvents used in degreasing activities including TCE, methylene chloride, PCE, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane. This property is located in an upgradient location with respect to the inferred groundwater flow direction.

Other properties are located at a greater distance from the Site.

State database listings for offsite properties are discussed in Section 8.20.

8.20 STATE AGENCY INFORMATION

GZA reviewed information provided by FirstSearch from ASTM-required Connecticut and Tribal databases. The ASTM databases reviewed, the date of the most recent update to the database and the search radius distances used are presented below.

ASTM Standard Database	Date	Radius Searched
State Hazardous Waste Sites (STATE)	4/23/2010	1.0-mile
State Spills (1990-present) (SPILLS)	11/18/2010	0.25-mile
Landfills / Transfer Stations (SWL)	12/16/2009	0.5-mile
Registered Underground/Aboveground Storage Tanks (UST/AST)	10/1/2010	0.25-mile
Leaking Underground Storage Tanks (LUST)	11/30/10	0.5 -mile
Voluntary Remediation Sites (VCP)	4/23/2010	0.5 -mile
State Brownfields (BROWNFIELDS)	5/1/2008	0.5-mile
State Other (OTHER)	4/23/10	0.25 miles

Site

The Site (324-340 Broad Street) was listed three (3) times in the State SPILLS database.



A spill of 1-gallon of motor oil occurred at the 324 Broad Street property on April 4, 2005. The spill was due to a motor vehicle accident. On September 5, 2003, a person was caught dumping sheet rock and building materials into the brook behind 340 Broad Street. The person was detained and the town was required by the police department to remove the materials from the brook. On October 16, 2008, 30-gallons of transformer oil spilled at the 340 Broad Street property. ESI was retained for cleanup of the spill. The statuses of all three spills are listed as “closed”.

Off-Site

FirstSearch identified twenty-six (26) STATE properties within 1 mile of the Site, one hundred forty-two (142) SPILLS properties within ¼-mile of the Site, six (6) LUST property within ½-mile of the Site, thirteen (13) UST properties within ¼-mile of the Site, and six (6) OTHER properties within ¼-mile of the Site.

Mister Auto Wash, located at 344 Broad Street and which neighbors the Site to the southeast (a small strip of the Site property wraps around the 344 Broad Street property (refer to Figure 2 Site Layout)), was listed in the SPILLS and UST databases of the report. According to the report, a spill of 2-gallons of antifreeze occurred at this property on January 9, 1995 due to a motor vehicle accident. The spill was contained and removed. Additionally, on June 28, 1995, oil/car wash water was found being dumped into the sanitary sewer. No corrective actions were required and no additional information was available concerning this spill. This property is also listed as formerly having three 10,000-gallon gasoline USTs which were reportedly installed in 1969 and last used in 1988. The tanks were reportedly removed from the ground.

308 Broad Street, neighboring the Site to the east on the opposite side of Broad Street, was listed in the SPILLS database. According to the FirstSearch report, a spill of 1-gallon of transformer oil occurred on August 31, 2007. Additionally, a 2-gallon spill of antifreeze occurred on May 24, 2000. Both of these spills are listed as “closed”. This address is located in an upgradient location with respect to the inferred groundwater flow direction.

Sears Automotive, listed as Broad Street, is listed in the UST database as formerly having seven USTs in use including one (1) 500-gallon waste oil UST, five (5) 5,000-gallon gasoline USTs, and one (1) 10,000-gallon heating oil UST. All of these tanks have reportedly been closed in place. GZA notes that the former Sear’s Automotive Center was located north of the Site on the opposite side of Green Manor Boulevard and was located in an upgradient location with respect to the inferred groundwater flow direction.



Stop & Shop, located at 286 Broad Street and neighboring the Site to the north on the opposite side of Green Manor Boulevard, was listed in the SPILLS and OTHER databases. According to the FirstSearch report, this property filed a Form III Property Transfer Form on September 16, 2009. Additionally, multiple spills were listed at this property. All of the spills resulted in less than five gallons of fluids (motor vehicle fluids, transformer oil) except for a spill of diesel fuel dated November 24, 2005 which resulted in a 300-400 foot oil slick, a spill of 10-gallons of gasoline from a leaking vehicle on January 15, 1995, and a spill of 40-gallons of transformer oil into a vault with no drains on July 8, 2006. All of the spills at this property are listed as “closed”.

315 Broad Street (Ability Tool & Machine Company/Jiffy Lube/Economy Oil Change/Boland Brother Oil) was listed in the STATE, LUST and SPILLS databases. According to the database, soil was removed from this property due to leaking tanks ranging in size from 4,000 to 6,000 gallons (contents/dates not disclosed). Additionally, in the STATE database, a dry well (dry well drums) was used to collect 50-gallons per day of wastes including non-chlorinated VOCs and metals until 1984. This property is listed as a Superfund site. In 1991, five gasoline/diesel USTs were removed from this property along with 150-yards of contaminated soils. Fuss & O'Neill was hired to do a hydrogeological study and install monitoring wells. This property is located in an upgradient location with respect to the inferred groundwater flow direction.

325 Broad Street (Monro Muffler/Capital Tire Company), located northeast of the Site on the opposite side of Broad Street, is listed in the SPILLS and UST databases. According to the report, a 550-gallon waste oil UST, installed in 1973, was removed from this property. Additionally, on March 7, 2006, degreaser was reportedly washed down the street from the cleaning floor. The status of this spill is listed as closed. This property is located in an upgradient location with respect to the inferred groundwater flow direction.

331 Broad Street (Bruce Simins Hartford Dispensing LLC), located east of the Site on the opposite side of Broad Street, was listed in the SPILLS database. According to the report, a 550-gallon fuel oil UST was removed on September 21, 2009. 10-yards of contaminated soil were reportedly removed. The spill is listed as “closed” and no additional information was available concerning this spill. This property is located in a upgradient/crossgradient location with respect to the inferred groundwater flow direction.

Meineke Muffler, located at 290 Broad Street and north of the Site on the opposite side of Green Manor Boulevard, was listed in the SPILLS database as flushing 10-gallons of antifreeze from a radiator into a catch basin. This spill is listed as closed. This property is located upgradient of the Site with respect to the inferred groundwater flow direction.

357 Broad Street, located southwest of the Site on the opposite side of Broad Street, was listed in the SPILLS and UST databases of the report. According to the report, three gasoline USTs, ranging from 5,000-gallons to 10,000-gallons, were installed at this property in 1963 and closed in place in 1979. Additionally, on March 9, 2000, an unknown amount of oil and soap was observed in a drain. The spill was reportedly



contained and cleaned up and the status of the spill is listed as “closed”. This property is located in a crossgradient location with respect to the inferred groundwater flow direction.

Other spills not discussed above are listed in the FirstSearch involving small amounts (<5-gallons) of motor vehicle fluids due to motor vehicle accidents. Due to the small quantity of motor vehicle fluids released, these spills do not pose a significant environmental risk to the Site. Additionally, other properties are listed in the database report at greater distances from the Site.

To the extent reasonably practicable, GZA evaluated the type of each mapped and unmapped site listed in the FirstSearch report, size of release (if any), and relative position to the Site based on the listed address location (if any), and inferred groundwater flow direction. Based on this evaluation, it appears possible that several of the mapped or unmapped properties potentially pose an environmental risk to the Site. Risk from these properties is reduced as the Site is served by municipal water supply and current CTDEP policy does not require remediation of groundwater contamination resulting from an off-site source. GZA notes that a property owner may be responsible for mitigating vapor intrusion to protect Site workers even if the source of impact is from off-site.

8.30 CT DEP FILE REVIEW

On January 19, 2011, GZA reviewed available public files at the CTDEP File Room in Hartford, Connecticut. Inquiries were made at the Bureau of Water Protection and Land Reuse and Bureau of Materials Management and Compliance Assurance which include the Permitting, Enforcement and Remediation Division (PERD), the Oil and Chemical Spills (OCS) group, and the Waste Engineering and Enforcement (WEED) group. The OCS division contains spill reports and files pertaining to USTs. GZA also searched the CTDEP hazardous waste MANIFEST database (1984 to 2008) for information pertaining to the Site and abutting properties. Files requested and reviewed at CTDEP offices were based on review of the Site history and information presented in the FirstSearch database report.

Site

There were no CTDEP listings for the Site in the Water Bureau files. Waste Bureau files reviewed by GZA indicate the Site is a listed facility based on an investigation of a former on-Site gasoline station, correspondence related to petroleum impacted soil removal from the former gasoline station property and for CTDEP review of the Site for historical solid waste disposal. Copies of CTDEP file documents relevant to our environmental assessment are included in Appendix C. A description of the CTDEP files found and their relevance to current Site environmental quality are summarized below.

A subsurface investigation report dated February 1983 and prepared by GZA for Stop & Shop, Inc. was found in the Waste Bureau files. This report was prepared prior to construction of the Stop & Shop building space and covers the east end of the study Site where Stop & Shop formerly operated. The report introduction indicates in 1983 an



abandoned gasoline station (Hess station) was located on the Site adjacent to Broad Street and a Shell gasoline station was operating at 344 Broad Street (current Mr. Auto Wash property adjacent to the east end of the study Site). The GZA investigation was performed to assess petroleum impacted soils and groundwater in the vicinity of the former Hess station, the Shell station and the proposed Stop & Shop addition to the Broad Street Parkade shopping mall. We note that USTs at the Hess station appear to have been removed because the Stop & Shop eastern building wall runs directly through the UST locations according to sketch maps in the GZA report. In 1983, USTs did not require registration with the CTDEP and this is likely why no UST registration documents have been identified for the Site at CTDEP.

The February 1983 GZA report identifies an area of petroleum (gasoline) impacted soil and groundwater emanating from the former gasoline USTs at the Hess station property. GZA reports that petroleum impacted soils and groundwater extend from the Hess UST area along the south side of the proposed Stop & Shop structure. Sketch maps in the GZA report indicate the proposed Stop & Shop eastern building wall runs through the middle of the former Hess station building and the Hess UST area. The location of the proposed Stop & Shop building's eastern wall is consistent with the current location of the Stop & Shop building. Soils data presented in the GZA report indicate no separate phase gasoline was observed and that the impacted soil was found just above and just below the water table at approximately 7 to 10 feet below grade. GZA reported that the likely source of the petroleum impacts was the Hess station and not the adjacent Shell station (current car wash) based on the distribution of petroleum impacts noted in the soil borings. Groundwater flow direction was inferred to be to the southwest towards Bigelow Brook based on water table elevations in the GZA monitoring wells that were installed.

GZA reviewed internal files for this project and found a sketch map that indicated remediation plans for the area downgradient of the Hess USTs. The map details removal of petroleum impacted fill material that contained organic materials unsuitable for support of the proposed Stop & Shop foundation. The map indicates that gravel will be placed where the petroleum impacted fill is removed and that the gravel will be capped with a one foot thick layer of clay that will slope upwards toward the outside of the proposed Stop & Shop building as a barrier to petroleum vapors that could potentially emanate from groundwater. The gravel layer beneath the clay was to act as a passive venting layer through which the petroleum vapors could migrate out from under the proposed building.

The 1983 GZA report does not address USTs and potential releases on the Shell station property other than to note that groundwater flow from the Shell station would be toward Bigelow Brook and away from the proposed Stop & Shop building footprint. Also, the 1983 GZA report does not address the portion of the study Site that wraps around the 344 Broad Street property between that property and Bigelow Brook.

Correspondence between CTDEP, Stop & Shop and GZA indicate that CTDEP authorized the removal of approximately 4,000 cubic yards of petroleum impacted soil from the Site for disposal at a landfill (landfill location not specified in the CTDEP letter although one GZA correspondence identifies the proposed disposal location as a "local"



landfill). No waste transportation documents or follow up correspondence on soil disposal were found in the CTDEP file or GZA's internal files and it appears that GZA was not contracted to observe and document soil removal that is inferred to have been performed by the developer that constructed the Stop & Shop portion of the Site building.

A Hazardous Waste Inspection Checklist dated June 25, 1984 to July 6, 1984 indicated CTDEP assessed the study Site area (Broad Street) for evidence of solid waste disposal (landfill and/or "historic dump site" activities). The results of the inspection indicate that CTDEP did not find any evidence that would indicate on-site disposal or potential groundwater contamination in the vicinity of the Site. The documents reviewed indicate a concern that the Site may have been a "dumping ground >30 years ago" but the CTDEP assessment indicated "No Haz (hazardous) or Industrial wastes noticed or expected."

GZA also reviewed two Emergency Incident Reports concerning the Site. On September 5, 2003, a person was caught dumping sheet rock and other building materials into the brook behind the Site building. The town was required to remove the materials from the brook. No additional information was available concerning this incident.

A second Emergency Incident Report, dated October 16, 2008, indicates that approximately 30 gallons of transformer oil leaked to the ground surface at the Site. Environmental Services Inc. (ESI) was retained to remove the contaminated soil. The attached (Appendix D) Emergency Incident Field Report indicates that the transformer, located south of the Site building, had been vandalized at an undetermined time for a copper wire. A bushing on the transformer was damaged and leaked oil into the cabinet and onto the ground around the transformer. ESI used a Bobcat and a supervac to excavate soil around the transformer and loaded the material into a roll-off dumpster. CL&P sent an oil sample from the transformer to be tested for PCBs which came back non-detect. Approximately 15-yards of material (soil) were removed from around the transformer for later disposal and the case was considered closed by the Emergency Response Unit of the CTDEP. The spill report documents do not indicate an investigation was completed to characterize soil quality at the limits of the remedial excavation. No groundwater sampling is reported in the files for this incident.

Off Site

UST Program (Waste Bureau) files were found for the property at 344 Broad Street that is currently operating as a Mr. Auto Wash car wash. The file indicates this property was formerly operated as Gentle Touch Car Wash at this same address. UST registration documents filed by Mr. Auto Wash indicate the 344 Broad Street property had three, 10,000-gallon, gasoline USTs located along the north property line adjacent to the study Site and that these three tanks were installed in approximately January 1977 and were removed in May 1988. However, UST registration documents filed by Gentle Touch Car Wash indicate three, 10,000-gallon, gasoline USTs installed in approximately August 1969 and were last used in May 1985. The two sets of registration documents appear to be describing the same USTs. Releases from the USTs at 344 Broad Street should they have



occurred would likely impact soil and groundwater on the study Site adjacent to, and down gradient of, the former USTs.

Water Bureau files were also found for the 344 Broad Street Mr. Auto Wash property. The files indicate that this facility has a CTDEP general permit for discharge of car wash waste water to the Manchester sewer system. A CTDEP January 22, 1996 notice of violation was found in this file citing the facility owner for discharge of car wash waste water without a general permit. A general permit application dated February 6, 1996 and a compliance statement indicating correction of the situation noted in the January 22, 1996 notice of violation was also found in the file.

Documents for Capitol Tire at 325 Broad Street indicate a former 500-gallon waste oil UST. The tank is reported by the owner as not in use but no documentation of closure is found in the file. A release at this upgradient property could potentially impact the study Site should one occur.

Documents for Saint James Cemetery at 360 Broad Street indicate an active 1,000-gallon gasoline UST at the cemetery service building that is on the north side of the property near Bigelow Brook and Broad Street. No documentation of closure or assessment of this UST is found in the file. A release at this upgradient property could potentially impact the study Site should one occur.

Documents for a former Sears Automotive store at 364 West Middle Turnpike (an address that corresponds to the current 290 Broad Street facility where Meineke Muffler and Hertz now operate) indicate a former 500-gallon waste oil UST and six former 5,000-gallon, gasoline USTs. A 10,000-gallon heating oil tank is also listed on the registration document but a sketch map in the file indicates the 10,000-gallon heating oil tank is located near the west end of the adjacent Manchester Parkade shopping mall property north of the former 3 Penny Pub, which is downgradient from the study Site. The gasoline and waste oil tanks at the former Sears Automotive store were abandoned in place according to the UST registration documents on file. No subsurface investigation information is found in the file for this location. A release at this upgradient property could potentially impact the study Site.

A file was found for Ability Machine at 315 Broad Street (rear of property behind Economy Oil Change). The file indicates this facility was inspected by CTDEP on June 25, 1984 and on September 15, 1984. Tumbling waste water was being discharged to a dry well/pit on this property at the time of the CTDEP inspections and the facility was reportedly using a septic system. Also, the facility had a degreaser for parts cleaning. CTDEP collected a sediment sample from the dry well and by laboratory analysis identified benzene, cumene, ethyle benzene, methyl ethel ketone, styrene, tetrachloroethylene, and xylenes in the sample. The company reportedly moved to a new location across town in September 1984. Also, the CTDEP September 20, 1984 correspondence (Interdepartment Message from Doug Zimmerman) indicates on page two "This building is located atop the old Broad St Town landfill. The building (when constructed) had to be built upon (sic) pile-ons (sic) driven through the garbage." An



additional note at the bottom of page two indicates "Old Landfill extends from Broad St. to the rear of the machine shop." A historical release at this upgradient property could potentially impact the study Site.

Documents for R T Coachworks at 244 Broad Street northeast of the study Site indicate this facility was a RCRA small quantity generator of wastes that included waste paint related materials, ignitable waste (D001) and non-halogenated solvents (F003 and F005). A release at this upgradient property could potentially impact the study Site.

No other files pertaining to the Site were available for review from the CTDEP public file room.

Connecticut Transfer Act Applicability

C.G.S. Section 22a-134 *et seq.* (as amended), commonly known as the Connecticut Transfer Act, requires the disclosure of environmental conditions when certain real properties and/or businesses, referred to in the Connecticut Transfer Act as "establishments", are "transferred". An "establishment" is defined as follows:

"'Establishment' means any real property at which or any business operation from which (A) on or after November 19, 1980, there was generated, except as the result of remediation of polluted soil, groundwater or sediment, more than one hundred kilograms of hazardous waste in any one month, (B) hazardous waste generated at a different location was recycled, reclaimed, reused, stored, handled, treated, transported or disposed of, (C) the process of dry cleaning was conducted on or after May 1, 1967, (D) furniture stripping was conducted on or after May 1, 1967, or (E) a vehicle body repair facility was located on or after May 1, 1967."

The terms "transfer of establishment" and "hazardous waste", among others, are also defined in the Connecticut Transfer Act.

Based on GZA's review of information previously discussed in this report, the real property which is the subject of this report does not appear to meet the definition of an "establishment" under the Connecticut Transfer Act because there is no evidence that the activities in subsection (A) through (E) of the definition of "establishment" have occurred.

Any final opinion or determination as to whether a transaction is subject to the Connecticut Transfer Act is a legal one and advice of counsel should be obtained.

8.40 LOCAL REGULATORY AGENCIES

On January 19, 2011 GZA contacted the Town of Manchester Clerk's Office, Tax Assessor's Office, Building Department, Health Department, Engineering Department and the Fire Marshal's Office. Representatives of these Town offices were contacted regarding



information for the study Site that might document environmental conditions and/or spills of petroleum or hazardous materials at the Site or vicinity properties.

Town of Manchester Building Department records indicated the Site was first developed as a Broad King department store. A December 1965 building permit was the earliest development records identified by GZA for the Site. Building Department records included various construction permits but none of the files reviewed by GZA indicated Site conditions that would elicit environmental concern or indicate a release of petroleum products or hazardous materials.

Town of Manchester Engineering Bureau representatives indicated that the Site and Site vicinity are serviced by municipal water, sewer and natural gas utilities.

Town of Manchester Health Department records included a CTDEP Emergency Incident Report that documented dumping of construction materials in Bigelow Brook on September 5, 2006. Police responded to the incident and detained those that were dumping the materials. No other pertinent information was provided in the report. No other files indicating a release of petroleum products or hazardous materials was found in Health Department records.

Town of Manchester Fire Department records were available for the past 15 years. No USTs were identified for the study Site in the records search at the Fire Department.

No other Town of Manchester public office files were reviewed by GZA as a part of this ESA report.

9.00 INTERVIEWS/REFERENCES

GZA interviewed the following people as part of this assessment:

- Mr. Art Carone, Site Property Manager
- CTDEP representatives in the public file room 79 Elm Street, Hartford, CT for file searches concerning the Site and vicinity properties.
- Personnel at the Town of Manchester Municipal Departments (Building, Assessor, Community Development, Water & Sewer, Fire Marshal).

10.00 USER RESPONSIBILITIES

GZA requested information from the User regarding title information, environmental liens, Activity and Use Limitations (AULs), and specialized knowledge or commonly known information regarding the Site. User responsibilities include:



- reviewing land title records and lien records for environmental liens or AULs. ASTM states that this information shall be reported to the Environmental Professional;
- communicating any “specialized knowledge or experience of the user” regarding RECs at the property to the Environmental Professional;
- communicating any “actual knowledge” of the user of any environmental lien or AULs;
- “consider the relationship of the purchase price to the fair market value”
- communicating any “commonly known or reasonably ascertainable” facts regarding RECs at the property to the Environmental Professional;

Client provided GZA with completed questionnaires with information regarding the above User Responsibilities. GZA’s review of the User Questionnaires did not identify additional environmental conditions or historical Site uses beyond those indicated by other resources reviewed by GZA during our assessment of the Site including regulatory information, Site reconnaissance and interviews with Site occupants. User Questionnaires are attached in Appendix E.

11.00 FINDINGS AND CONCLUSIONS

GZA conducted a Phase I ESA following the general guidance of the ASTM Standard Practice E1527-05 for Phase I Site Assessments and supplemental Client requirements for the property located at 324, 330, 334 & 340 Broad Street in Manchester, Connecticut (the Site). The ESA included a Site and Site vicinity reconnaissance, a review of Site history, a review of selected local, state and federal regulatory records and interviews with persons and agencies familiar with the Site.

11.10 FINDINGS

The findings below are based on the work conducted as part of this ESA:

- The Site consists of approximately +/- 17.72 acres of land located at 324, 330, 334 & 340 Broad Street at the intersection of Green Manor Boulevard in Manchester, Connecticut. The Site contains two buildings generally constructed between in 1966 and 1971; an addition to the easternmost portion of the southern building (former Stop & Shop) was constructed c. 1984. The Site buildings are one-story structures with concrete block exterior walls and poured concrete slab foundations; there are no basement spaces in the Site buildings. Building roofs are flat, coated-membrane construction. Together the Site buildings have a footprint of approximately 260,000 square feet. Parking areas occupy the northeast part of the Site and the two Site buildings border the south and west property lines. Access driveways are present behind the buildings to the south and west. The Site buildings have been used for

retail stores and offices since their construction but they have been vacant for the last seven to eight years according to Mr. Art Carone, Site property manager.



- Broad Street borders the east side of the Site and Green Manor Boulevard borders the north side of the Site. Parking areas are connected to both of these roads.
- The Site is predominantly covered by the Site building and asphalt paved parking areas and driveways except for minor areas of landscaping at the northwest corner of the Site and an area along the south side of the Site adjacent to Bigelow Brook, which borders the entire south side of the property.
- A 1992 historic topographic map shows the Site building and vicinity generally as they appeared at the time of GZA's Site walk over. Underlying topography (1963) shows higher elevations (10 to 20 feet above current grade) at the center of the Site. It appears material (soil, sand and gravel) was removed in the late 1960s or early 1970s to level the Site prior to construction of the current Site buildings and parking areas. Historic resources reviewed for this study do not indicate evidence of landfilling at the Site. More than 50 soil borings completed in 2006 for a confidential party (and released to GZA for use) indicate no solid waste fill at the Site.
- Building survey work by Eagle Environmental Inc. indicates that the Site buildings have asbestos containing materials, low levels of lead based paint, PCB and DEHP containing light ballasts, mercury vapor lamps, thermostatic controls with capacitors and Freon bearing equipment. GZA notes that the Town of Manchester is currently contracting with others to assess hazardous building materials at the Site.
- Stormwater catch basins are located in Site parking areas and in a narrow alley way between the two Site buildings at the southwest corner of the Site. The storm sewer system reportedly discharges to Bigelow Brook and two storm water outlets discharging to the Brook are located along the south side of the Site.
- The Site and Site vicinity consist of commercial and residential properties serviced by municipal water, sewer and natural gas utilities. The Site has always had natural gas fueled heating and cooling systems according to the property manager. No historical septic systems were reported by the property manager and GZA did not observe any evidence of historical on-Site septic system.
- Historically, five concrete pad mounted transformers were observed on the Site by GZA (during the 2006 reconnaissance). Transformers were labeled as property of CL&P. No staining was observed in the vicinity of the transformers. The transformers did not have labels indicating they had been tested for PCBs. Based on GZA observations, the transformers were removed from the Site between 2006 and 2011. We note that one transformer was vandalized between 2006 and 2008 and the power company performed a soil clean up related to an oil spill at the vandalized



transformer. Regulatory documentation related to the soil remediation is further described later in this bullet list.

- Site and Site vicinity groundwater is designated Class GB with a designated use as industrial process water and cooling water not suitable for direct human consumption without treatment. No water supply wells were noted for the Site vicinity in the regulatory and historical data sources reviewed by GZA.
- During the 2006 GZA Site reconnaissance, a fenced area outside the southwest corner of the former Marshall's retail space contained a front end loader parked on a concrete pad. The loader was reportedly used for snow removal at the Site parking lots according the property manager but had not been used in several years. An oily stain was observed beneath the loader and the stain extended off the concrete pad to a nearby stormwater catch basin. The stain indicated a release of hydraulic oil or motor oil from the loader that potentially impacted Site soil and possibly groundwater. The oil release may also have impacted sediment in the catch basin. The loader was not observed at the Site during the 2011 Site reconnaissance.
- Two lifts are located at the southeast corner of the former Stop & Shop part of the building and appear to have been used for off-loading truck cargo. These lifts may be hydraulically operated; the lifts are at grade and hydraulic oil cylinders, if present, would be below grade. The Site contacts (Mr. Art Carone and Mr. Eugene O'Brien) could not confirm the presence of hydraulic equipment below the lifts. A trash compactor with a hydraulic oil tank was observed behind the Bradlee's part of the building. Also, the Site formerly had hydraulically operated trash compactors at the former Stop & Shop and Marshall's according to historical reports reviewed by GZA. Hydraulic equipment at these locations would have used oil.
- Regulatory records for the Site indicate Bradlees recycled fluorescent light bulbs that were transported from the Site under hazardous waste manifests on January 7, 2000. However, fluorescent light bulbs are currently considered "universal waste" in Connecticut and are not counted when assessing the Site as an "establishment" under the CTDEP Property Transfer Act. Based on reasonably ascertainable Site history information, the Site has never generated hazardous waste. Because no hazardous waste was generated at the Site and historical information indicates Site tenants never included dry cleaning operations, furniture stripping operations, and/or autobody repair operations since 1967, the Site would not be considered an establishment under the Property Transfer Act, C.G.S. Section 22a-134 *et seq.*
- A Hess gasoline station was formerly located at the east end of the Site adjacent to Broad Street. The Hess station had USTs that appear to have been removed during construction of the Stop & Shop portion of the Site building in 1983 to 1984. This assumption is based on review of a historical 1983 GZA report found in CTDEP files that shows the exterior wall of the proposed Stop & Shop building running through the middle of the Hess station UST area and construction plans found in



GZA's internal files that show hand drawn sketches of soil excavation areas along the south wall of the Stop & Shop building. There is no regulatory documentation of the tank removals because they are inferred to have been removed in 1983 and UST registration and closure requirements were not in place at that time so UST registration was not a requirement of the CTDEP. Also, CTDEP files included a CTDEP letter authorizing disposal of approximately 4,000 cubic yards of petroleum impacted soil from the Site to a landfill. Any residual petroleum impacted soil that remained on the Site after construction of the Stop & Shop is expected to be minimal in volume because the GZA report indicates that the majority of the petroleum impacted was removed to facilitate construction of the Stop & Shop. Also, natural attenuation of residual impacts is likely to have occurred between 1983 and the present.

- A release is reported in regulatory documents for the property at 315 Broad Street (metals, oils and solvents at the former Ability Tool & Machine property). Investigation of this property is not documented in regulatory files. Based on the location of 315 Broad Street, releases at this property could potentially impact groundwater beneath the east side of the study Site.
- Multiple properties along Broad Street east, northeast and southeast of the study Site are identified in the regulatory record as having USTs and/or handling hazardous materials or petroleum products. USTs are noted for Mr. Auto Wash at 344 Broad Street (southeast and adjacent to the Site), Saint James Cemetery at 360 Broad Street (southeast and across Bigelow Brook from the Site), former Sears Automotive at 290 Broad Street (north and across Green Manor Boulevard from the Site) and the former gas station at 301 Broad Street (east of the Site across Broad Street). Hazardous materials were generated at Ability Machine & Tool at 315 Broad Street and at R T Coachworks at 244 Broad Street (northeast of the Site). Releases at these upgradient to crossgradient properties could potentially impact groundwater beneath the study Site.
- GZA reviewed soil and groundwater data that was collected by GZA in 2006 for a confidential client that was assessing the Site. Between November 27, 2006 and December 12, 2006, GZA collected sixteen (16) soil samples, three (3) surface water and stream sediment samples, and fifteen (15) groundwater samples for analysis.
- GZA's 2006 data indicated no petroleum or aromatic VOC impacts in the vicinity of the former Hess Service Station. Soil and groundwater samples from the area adjacent to the former front-end loader indicate low level petroleum constituents that are below the regulatory (RSR) criteria. Low level petroleum constituents were identified in soil samples adjacent to two of four transformers and at one of two borings by the hydraulic lifts but the petroleum detected was below regulatory criteria. No impacts were identified near the trash compactor at the former Stop & Shop. No PCBs were detected in soil samples from the Site.



- Low levels of VOCs were detected in surface water adjacent to the central stormwater outfall to the stream. The detected constituents and concentrations are similar to those detected throughout the Site in groundwater. It is likely that the Site storm water piping intercepts the water table thus creating a preferred migration pathway along the pipe bedding material and directing groundwater discharge to surface water the outfall location. Further downgradient, VOC levels in surface water are non-detectable, indicating attenuation (likely due to dilution and volatilization of the contaminants) is occurring as a result of confluence with the stream. Based on the widespread distribution of VOCs in groundwater at low concentrations and detection of VOCs at upgradient wells near the property line, it is likely that the VOC source is located off-Site.
- An Emergency Incident Report, dated October 16, 2008, indicated that approximately 30 gallons of transformer oil leaked to the ground surface due to a transformer being vandalized at the Site. Environmental Services Inc. (ESI) was retained to remove the contaminated soil. ESI excavated and disposed of 15 cubic yards of soil impacted with petroleum from around the transformer. CL&P sent an oil sample to be tested for PCBs which came back non-detect. CT DEP records indicate the case was considered closed by the Emergency Response Unit of the CT DEP. However, the documents in CT DEP files do not indicate analysis of soil samples at the extent of the remedial excavation and do not indicate groundwater testing was performed downgradient of the remediation area.
- Interviews with the Key Site Manager for the property and User Questionnaires did not indicate any evidence of RECs or releases of hazardous materials and/or petroleum products.

11.20 CONCLUSIONS AND OPINIONS

On the basis of the observations made and the information reviewed during the course of this Phase I ESA, it is GZA's opinion that we have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-05 of 324-340 Broad Street, Manchester, Connecticut, the property. Any exceptions to, or deletions from this practice are described in Section 1.00 of this report. This assessment has revealed no Recognized Environmental Conditions in connection with the property except for the following:

- The release of oil at one of the Site's former transformers is considered a REC because data was not found in the regulatory record documenting soil conditions at the limits of the emergency remediation conducted by ESI for the power company. The locations of former transformers at the Site are considered RECs until such time that soil testing indicates petroleum impacts have been mitigated at the former transformer locations and residual soils in these areas are not impacted with petroleum.



- Previous subsurface investigation by borings and soil and groundwater analyses have demonstrated low concentrations of VOCs are present in Site groundwater. The impacted groundwater is considered a REC until such time that additional testing indicates no impacts above regulatory criteria. We note that the presence of VOCs in groundwater at the Site may warrant the use of a vapor barrier below any proposed buildings that might be constructed on the Site during redevelopment. The vapor barrier might be necessary to prevent vapor migration into buildings.

We note that future redevelopment of the Site is likely to include soil excavation. Although previous Site soil testing did not identify impacts above regulatory criteria, some residual petroleum impacted soil could remain at the Site (i.e. near the former front end loader and former Hess Station) and this soil should be properly managed and disposed of during redevelopment activities if it is encountered. Therefore, GZA recommends redevelopment activities include preparation of a contingency soil management plan that would make provisions for handling and disposal of residual impacted soil.

Likewise, redevelopment may require pumping of groundwater to dewater certain Site areas and a management plan for VOC impacted groundwater should be prepared as part of Site redevelopment.

Building hazardous materials are being assessed by others. Should hazardous materials be found in the existing Site building, any demolition plans should adequately address management and disposal of the hazardous materials so that they are not release to the environment during demolition.

12.00 ENVIRONMENTAL PROFESSIONAL STATEMENT

“I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 12; I have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property; and I have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.” The signature of the Environmental Professional is contained on the cover page of this report. A summary of the qualifications of the Environmental Professional is contained in Appendix G.

13.00 LIMITATIONS & RELIANCE

GZA’s Site assessment was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same geographical area, and GZA observed the degree of care and skill generally exercised by other consultants under similar circumstances and conditions. GZA’s findings and conclusions must be considered not as scientific certainties, but rather as our professional opinion concerning the significance of the limited data gathered during the course of the environmental site assessment. No other warranty, express or implied, is made. Specifically, GZA does not and cannot represent that the Site contains no hazardous

material, oil or other latent condition beyond that observed by GZA during its site assessment. This report is also subject to the specific limitations contained in Appendix A.



This study and report have been prepared on behalf of and for the exclusive use of the Town of Manchester (Client), solely for use in an environmental assessment of the site. This report and findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor relied on by any other party in whole or in part, without the prior written consent of GZA. However, GZA acknowledges and agrees that the Client may convey the report in its entirety to the Lender (if any) associated with the proximate financing of the Site to the extent set forth in our signed proposal dated January 6, 2011. Such parties' reliance upon the report shall be subject to all the Limitations, Terms and Conditions set forth in the report and in the Proposal, referred to in the report and incorporated therein. GZA's aggregate Liability to all parties who may come to rely upon the report is limited to the amount set forth in the Terms and Conditions and is not hereby expanded. Client acknowledges and agrees that reliance upon the report and the findings in the report by any other party, or for any other purpose, shall be at that party's sole risk and without any liability to GZA.

TABLES

Table 1
Monitoring Well Details
340 Broad Street
Manchester, CT

Monitoring Well Designation	Insallation Date	Top of PVC Elevation (feet)	Depth to Groundwater (feet)*	Groundwater Elevation (feet)	Borehole Depth (feet)	Sceened Medium	Screen Length (feet)	Screen Interval (feet)	Nominal Well Diameter (inches)	Screen Slot Size (inches)
MW-1	21-Apr-93	137.08	5.56	131.52	13.42	OB	10	4-14	2	0.010
MW-2	21-Apr-93	130.62	4.18	126.44	11.64	OB	10	2.5-12.5	2	0.010
MW-3	21-Apr-93	129.71	5.38	124.33	11.07	OB	10	2.5-12.5	2	0.010
MW-4	21-Apr-93	131.04	6.87	124.17	12.63	OB	10	4-14	2	0.010
MW-5	23-Aug-94	129.77	7.32	122.45	14.10	OB	10	5-15	2	0.010
MW-6	23-Aug-94	129.29	6.21	123.08	10.05	OB	10	3-13	2	0.010
MW-7	23-Aug-94	129.59	4.95	124.64	9.75	OB	10	3-13	2	0.010
MW-8	24-Aug-94	NA	NA	NA	NA	OB	7	1-8	2	0.010
MW-9	26-Aug-94	129.61	6.75	122.86	14.42	OB	10	5-15	2	0.010
MW-10	27-Nov-06	137.42	9.56	127.86	13.74	OB	10	5-15	2	0.010
MW-11	27-Nov-06	137.14	6.34	130.80	12.85	OB	10	4-14	2	0.010
MW-12	27-Nov-06	127.63	4.4	123.23	8.81	OB	8	2-10	2	0.010
MW-13	27-Sep-06	132.9	5.97	126.93	14.50	OB	10.5	4.5-15	2	0.010
MW-14	27-Sep-06	132.08	2.58	129.50	11.59	OB	10	1.5-11.5	2	0.010
MW-15	27-Sep-06	128.23	5.73	122.50	12.58	OB	10	3-13	2	0.010
MW-16	27-Sep-06	123.71	9.39	114.32	14.72	OB	10	4.5-14.5	2	0.010
SW-1	27-Nov-06	NA	0.00	126.09	NA	NA	NA	NA	NA	NA
SW-2	27-Nov-06	NA	0.00	120.78	NA	NA	NA	NA	NA	NA

Notes:

- 1 (R) indicates borehole terminated at refusal.
- 2 OB indicates well screen is installed in overburden material; BR indicates well screen installed in bedrock.
- 3 NE indicates bedrock was Not Encountered in the test boring.
- 4 Elevations are relative to an arbitrary elevation of 100 feet established at the Site (building foundation).

*

Depth to groundwater was measured from the top of the PVC riser pipe on November 27 and December 5-7, 2006 using a Solinist groundwater level.

Table 2
Summary of Soil Sample Analytical Results
340 Broad Street
Manchester, CT

Analytical Parameters	Sample ID	FL-1	FL-1	FL-2	FL-2	T-1	T-2	T-3	T-5	RSRs	
	Sample Depth	0-2'	2-4'	0-2'	2-4'	0-1'	0-1'	0-1'	0-1'	R- DEC	GB-PMC
	Sample Date	11/27/06	11/27/06	11/27/06	11/27/06	11/27/06	11/27/06	11/27/06	11/27/06		
Units											
PCBs by EPA Method 8082										mg/kg (ppm)	mg/kg (ppm)
All PCB Aroclors analyzed	mg/Kg	ND	ND	ND	ND	ND	ND	ND	ND	1	1
ETPH										mg/kg (ppm)	mg/kg (ppm)
ETPH C9 to C36	mg/Kg	<10	<10	<10	16	<10	11	<10	140	500	2500
VOCs by EPA Method 8260										ug/Kg	ug/Kg
All VOCs analyzed	µg/Kg	NT	NT	NT	NT	NT	NT	NT	NT	NA	NA

Analytical Parameters	Sample ID	TC-1	TC-1	TC-2	TC-2	L-1	FHS-1	FHS-1	RSRs	
	Sample Depth	0-2'	2-3'	0-2'	2-3'	0-2'	2-4'	4-6'	R-DEC	GB-PMC
	Sample Date	11/27/06	11/27/06	11/27/06	11/27/06	11/27/06	11/27/06	11/27/06		
Units										
PCBs by EPA Method 8082									mg/kg (ppm)	mg/kg (ppm)
All PCB Aroclors analyzed	mg/Kg	ND	ND	ND	ND	ND	NT	NT	1	1
ETPH									mg/kg (ppm)	mg/kg (ppm)
ETPH C9 to C36	mg/Kg	<10	<10	<10	<10	12	NT	NT	500	2500
VOCs by EPA Method 8260									ug/Kg	ug/Kg
All VOCs analyzed	µg/Kg	NT	NT	NT	NT	NT	ND	ND	NA	NA

Analytical Parameters	Sample ID	FHS-2	FHS-2	FHS-3	FHS-3	MW-10	MW-11	MW-11	MW-12	RSRs	
	Sample Depth	2-4'	4-6'	2-4'	4-6'	5-7.5'	2.5-5'	5-7.5'	2.5-5'	R-DEC	GB-PMC
	Sample Date	11/27/06	11/27/06	11/27/06	11/27/06	11/27/06	11/27/06	11/27/06	11/27/06		
Units											
PCBs by EPA Method 8082										mg/kg (ppm)	mg/kg (ppm)
All PCB Aroclors analyzed	mg/Kg	NT	NT	NT	NT	NT	NT	NT	NT	1	1
ETPH										mg/kg (ppm)	mg/kg (ppm)
ETPH C9 to C36	mg/Kg	NT	NT	NT	NT	35	<10	<10	<10	500	2500
VOCs by EPA Method 8260										ug/Kg	ug/Kg
All VOCs analyzed	µg/Kg	ND	ND	ND	ND	NT	ND	ND	ND	NA	NA

Notes:

mg/Kg = milligrams per Kilogram

µg/Kg = micrograms per Kilogram

CTDEP RSRs = Connecticut Department of Environmental Protection Remediation Standard Regulations

GB PMC = Pollutant Mobility Criteria for GB Groundwater areas

R-DEC = Residential Direct Exposure Criteria

ND = Parameter not detected above the laboratory reporting limit

NT = Not Tested

NA = Not Applicable, compound is not volatile

Only those compounds found above laboratory detection limits are listed. See lab reports for full list of analytical parameters tested.

Table 3
Summary of Groundwater Sample Analytical Results
340 Broad Street
Manchester, CT

Well Designation:		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-9	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-15 Dup	MW-16	RSRs			
Sample Date:		12/1/2006	12/6/2006	12/6/2006	12/1/2006	12/6/2006	12/7/2006	12/5/2006	12/1/2006	12/7/2006	12/1/2006	12/6/2006	12/14/2006	12/6/2006	12/1/2006	12/7/2006	12/1/2006	SWPC	R-Vol	I/C Vol	
Parameters	Units																				
VOCs																			µg/L	µg/L	µg/L
Bromodichloromethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.92	ND	ND	ND	ND	NE	14	67	
Bromoform	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.87	ND	ND	ND	ND	10800	920	3800	
Dibromochloromethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND	ND	1020	NE	NE	
cis-1,2-Dichloroethene	µg/L	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NE	860	11000	
Chloroform	µg/L	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.85	ND	ND	ND	ND	14100	26	62	
Trichloroethene	µg/L	ND	ND	ND	2.8	7.2	ND	ND	ND	ND	ND	ND	4.1	4.3	ND	ND	ND	2340	27	67	
Tetrachloroethene	µg/L	ND	2.2	ND	1.6	2.1	1.2	ND	ND	ND	ND	ND	2.1	1.4	ND	ND	ND	88	340	810	
Naphthalene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND	20	NE	NA	NA	
SVOCs																					
All SVOCs analyzed	µg/L	ND	NT	NT	ND	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT	NT	NT	VARIES	NA	NA	
Total Petroleum HC																					
ETPH C9 to C36	µg/L	ND	NT	NT	ND	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT	NT	NT	NE	NA	NA	
Metals																					
All metals analyzed	µg/L	ND	NT	NT	ND	NT	NT	NT	NT	NT	ND	NT	NT	NT	NT	NT	NT	VARIES	NA	NA	

LEGEND/NOTES
µg/L= micrograms per liter
ND = Parameter not detected above the laboratory reporting Limit
NT = Sample was Not Tested for the listed Parameters
NA = Not Applicable, Compound is not volatile
NE = Criteria is not established for this parameter
RSRs = CTDEP's Remediation Standard Regulations
SWPC = Surface Water Protection Criteria in the RSRs
R-Vol = CTDEP 2003 proposed (but not yet promulgated) groundwater Residential Volatilization Criteria
I/C-Vol = CTDEP 2003 proposed (but not yet promulgated) groundwater Industrial/Commercial Volatilization Criteria

Table 4
Summary of Stream Sediment Analytical Data
340 Broad Street
Manchester, CT

Analytical Parameter		Sediment Sample Locations		
	Sample ID	SED-1	SED-2	SED-3
	Sample Date	12/4/06	12/4/06	12/4/06
PP-13 Metals				
Silver	mg/Kg	<0.50	<0.50	<0.50
Arsenic	mg/Kg	<1.0	<1.0	<1.0
Beryllium	mg/Kg	<0.40	<0.40	<0.40
Cadmium	mg/Kg	<0.50	<0.50	<0.50
Chromium	mg/Kg	13.7	10.6	8.92
Copper	mg/Kg	29	13.5	7.36
Mercury	mg/Kg	<0.10	<0.10	<0.10
Nickel	mg/Kg	5.88	6.48	4.72
Lead (Furnace)	mg/Kg	277	53.6	13.1
Antimony	mg/Kg	<5.0	<5.0	<5.0
Selenium	mg/Kg	<2.5	<2.5	<2.5
Thallium	mg/Kg	<5.0	<5.0	<5.0
Zinc	mg/Kg	38.6	38.9	27.5
ETPH				
Extractable petroleum HC	mg/Kg	37	ND	ND
VOCs				
All VOCs analyzed	mg/Kg	ND	ND	ND

Notes:

ND = Not Detected above method detection limit.

mg/Kg = milligrams per kilogram

Samples were collected by GZA personnel on December 4, 2006.

Samples were analyzed for VOCs by EPA Method 8260

*Only those compounds found above laboratory detection limits are listed. See lab reports for full list of analytical parameters tested.

TABLE 5
Summary of Stream Surface Water Analytical Data
340 Broad Street
Manchester, CT

Analytical Parameter	Sample ID Sample Date	Surface Water Sample Locations			CT WQS*
		SW-1	SW-2	SW-3	ALC
		12/4/06	12/4/06	12/4/06	µg/L
Metals					
Silver	mg/L	<0.001	<0.001	<0.001	1.02
Arsenic	mg/L	<0.004	<0.004	<0.004	0.021
Beryllium	mg/L	<0.001	<0.001	<0.001	0.13
Cadmium	mg/L	<0.001	<0.001	<0.001	1.35
Chromium	mg/L	<0.001	<0.001	<0.001	11
Copper	mg/L	<0.001	<0.001	<0.001	4.8
Mercury	mg/L	<0.0002	<0.0002	<0.0002	0.051
Nickel	mg/L	<0.001	<0.001	<0.001	28.9
Lead	mg/L	0.003	<0.001	0.001	1.2
Antimony	mg/L	<0.005	<0.005	<0.005	4300
Selenium	mg/L	<0.01	<0.010	<0.010	5 (total)
Thallium	mg/L	<0.002	<0.002	<0.002	6.3
Zinc	mg/L	0.014	<0.002	0.007	65
Organic Components					
Ammonia (as Nitrogen)	µg/L	0.53	0.03	0.15	Varies
Nitrite-N	µg/L	<0.01	<0.01	<0.01	NE
Nitrate-N	µg/L	1.3	2.9	1.6	NE
Nitrogen Tot Kjeldahl	µg/L	1.2	0.45	0.5	NE
Phosphorus (as P)	µg/L	0.28	0.27	0.12	NE
Total Suspended Solids	µg/L	10	<5.0	6	NE
VOCs by EPA Method 8260					
Chloroform	µg/L	ND	1.2	ND	NE
Tetrachloroethene	µg/L	ND	2.6	ND	NE
Trichloroethene	µg/L	ND	3.5	ND	NE
SEMI-VOCs					
All SVOCs analyzed	µg/L	ND	ND	ND	NE

Notes:

mg/L = milligrams per liter

µg/L = micrograms per liter

ND = Not Detected above method detection limit.

NE = Not established

NA = Not Available

ALC = Aquatic Life Criteria (lower of the chronic freshwater ALC or Human Health Criteria for consumption of organisms only)

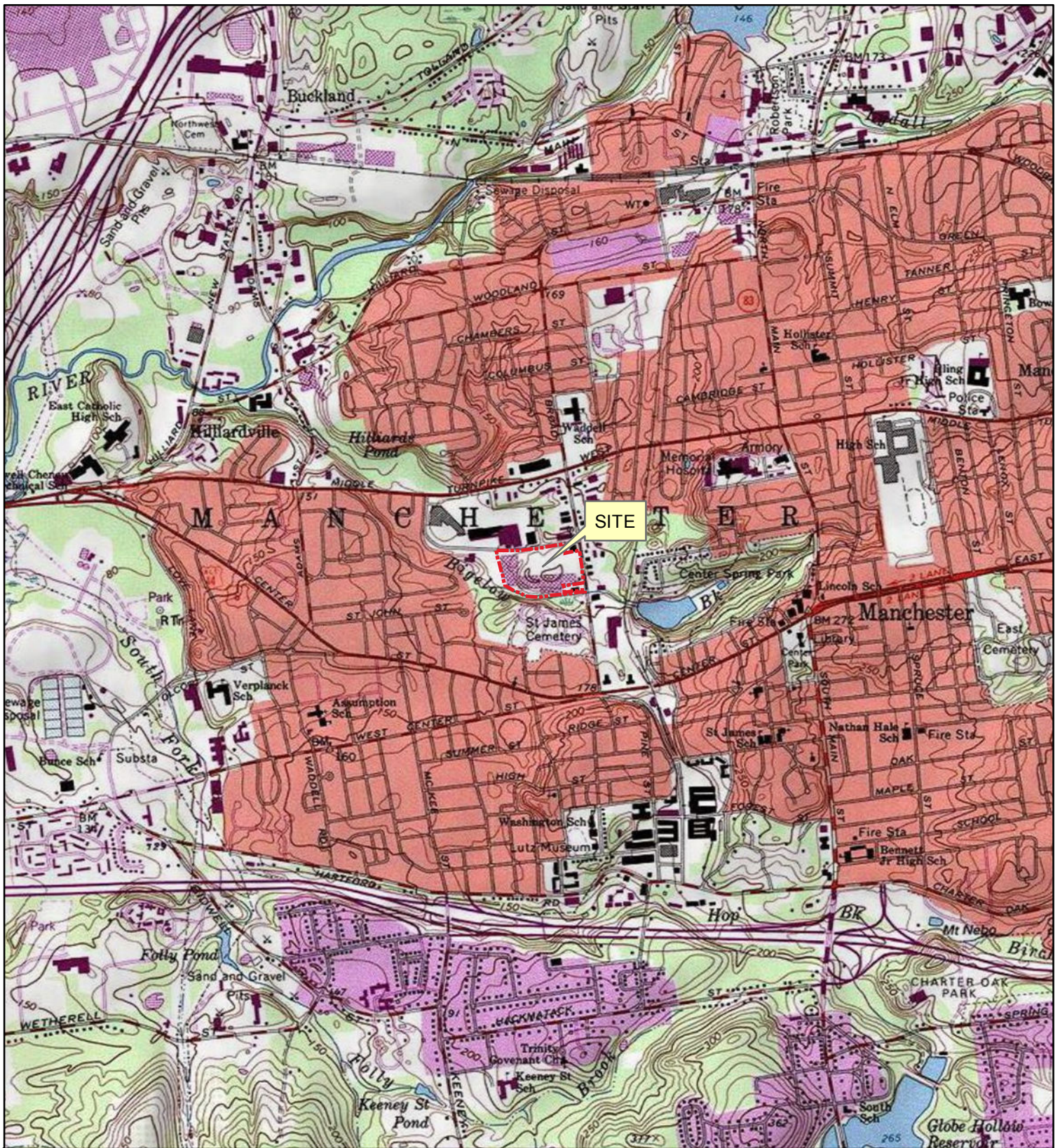
CT WQS = Connecticut Water Quality Standards

Samples were analyzed for VOCs by EPA Method 8260

Only those compounds found above laboratory detection limits are listed. See lab reports for full list of analytical parameters tested.

*CT WQS values extracted from the Connecticut Water Quality Standards effective December 17, 2002

FIGURES



GZA GeoEnvironmental, Inc.
Engineers and Scientists
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 Glastonbury, Connecticut 06033
 (860) 286-8900



USGS 7.5 MINUTE
 QUADRANGLE BASE MAP:
 MANCHESTER, CONNECTICUT
 1997

SITE LOCUS

324, 330, 334 AND 340 BROAD STREET
 MANCHESTER, CONNECTICUT

PROJ MGR: JTH

REVIEWED BY: BAG

PROJECT NO. 05.0044771.00

DESIGNED BY: BAG

DRAWN BY: MJS

DATE: 02-01-11

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0 1,000 2,000 4,000 6,000 8,000

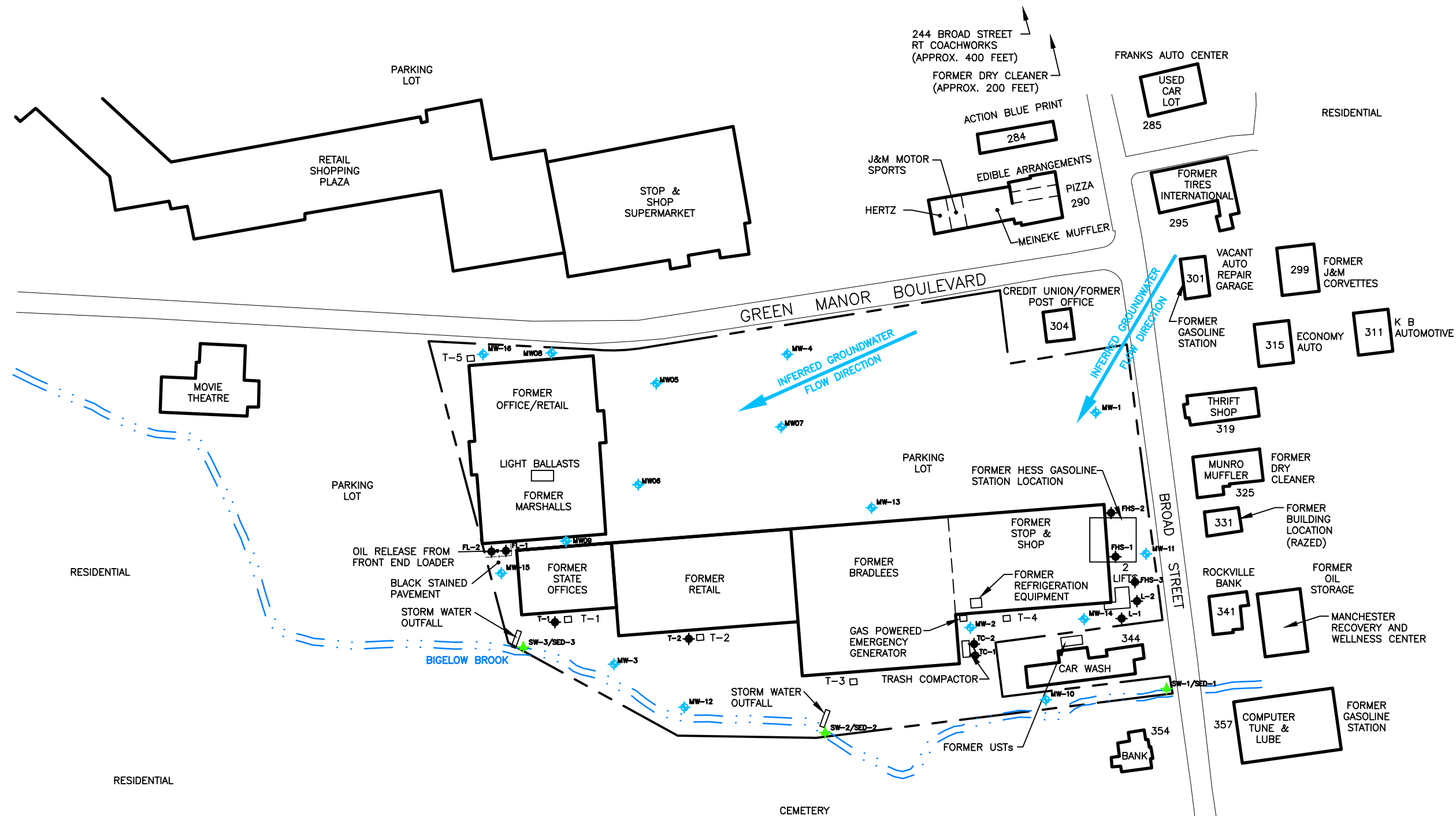
Scale in Feet



FIGURE

1

© 2011 - GZA GeoEnvironmental, Inc. GZA-C:\Documents\1151717\1151717.dwg 2 SITE PLAN.dwg 11/17/2011 1:33pm msc:atd




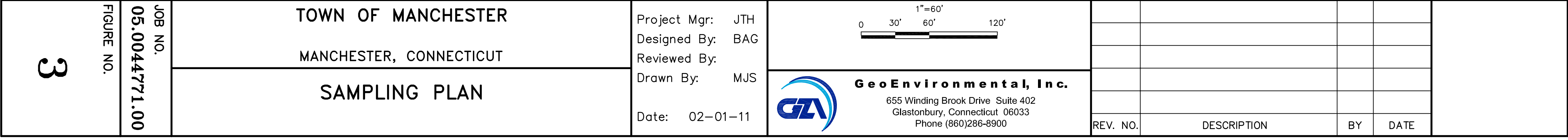
LEGEND

- PROPERTY BOUNDARY
- FORMER PAD MOUNTED ELECTRICAL TRANSFORMER
- EXISTING MONITORING WELLS INSTALLED BY GZA AND OTHERS IN 1993, 1994 AND 2006 (SOME WELLS MAY NOT BE USEABLE AT THIS TIME)
- SOIL BORING/SOIL SAMPLE BY GZA IN 2006
- SURFACE WATER/SEDIMENT SAMPLE BY GZA IN 2006



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NO.	ISSUE/DESCRIPTION		BY DATE
324, 330, 334 & 340 BROAD STREET			
MANCHESTER, CONNECTICUT			
SITE PLAN			
PREPARED BY:		PREPARED FOR:	
 GZA GeoEnvironmental, Inc. Engineers and Scientists 655 WINDING BROOK DRIVE SUITE 402 GLASTONBURY, CONNECTICUT 06033 (860) 286-8900		TOWN OF MANCHESTER	
PROJ MGR:	JTH	REVIEWED BY: BAG	FIGURE 2
DESIGNED BY: BAG	DRAWN BY: MJS	CHECKED BY:	
DATE	PROJECT NO.	SCALE: 1"=200'	
02-01-11	05.0044771.00	REVISION NO.	



APPENDIX A LIMITATIONS

GEOHYDROLOGICAL LIMITATIONS

1. The conclusions and recommendations submitted in this report are based in part upon the data obtained from a limited number of soil samples from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further investigation. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the recommendations of this report.
2. The generalized soil profile described in the text is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized and have been developed by interpretations of widely spaced explorations and samples; actual soil transitions are probably more gradual. For specific information, refer to the boring logs.
3. Water level readings have been made in the test pits, borings and/or observation wells at times and under conditions stated on the exploration logs. These data have been reviewed and interpretations have been made in the text of this report. However, it must be noted that fluctuations in the level of the groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.
4. Except as noted within the text of the report, no quantitative laboratory testing was performed as part of the site assessment. Where such analyses have been conducted by an outside laboratory, GZA has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these data.
5. The conclusions and recommendations contained in this report are based in part upon various types of chemical data and are contingent upon their validity. These data have been reviewed and interpretations made in the report. As indicated within the report, some of these data are preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data should be reviewed by GZA, and the conclusions and recommendations presented therein modified accordingly.
6. Chemical analyses have been performed for specific parameters during the course of this study, as detailed in the text. It must be noted that additional constituents not searched for during the current study may be present in soil and groundwater at the site.
7. It is recommended that this firm be retained to provide further engineering services during design, implementation, and/or construction of any remedial measures, if necessary. This is to observe compliance with the concepts and recommendations contained herein and to allow design changes in the event that subsurface conditions differ from those anticipated.

8. The costs on which the preliminary remediation estimate is based are limited to those conditions which were discovered in carrying out the assessment of subsurface contamination identified in this report. Actual quantities and unit costs will vary. While the preliminary estimate represents our best professional judgment in this matter, it does not represent an absolute worst-case remedial cost estimate. The preliminary estimate includes only those cost items identified, and should not be assumed to include other costs such as legal, administrative or permitting costs.
9. The estimate is based on limited data which may not be sufficient to identify each and every condition existing at the site which may constitute noncompliance with applicable governmental statutes, rules, and regulations or constitute a release of oil or hazardous materials.
10. The preliminary estimate does not include any element with respect to third-party claims, fines, penalties, or other charges which may be assessed against any responsible party because of either the existence of present conditions or the future existence or discovery of any such conditions.
11. Governmental agencies' interpretations, requirements, and enforcement policies vary from district office to district office, from state to state, and between federal and state agencies. In addition, statutes, rules, standards, and regulations may be legislatively changed and inter-agency and intra-agency policies may be changed from present practices. GZA has used its experience and judgment in making assumptions as to how anticipated changes in enforcement policies may affect remediation costs.
12. This report contains approximate cost estimates for purposes of evaluating alternative remedial programs. These estimates involve approximate quantity evaluations. A preliminary estimate of this nature is likely to vary substantially from Contractors' Bid Prices and is not to be considered the equivalent of nor as reliable as Contractors' Bid Prices. Prices for similar work undertaken in the future will be subject to general and sometimes erratic price increases. The costs of future environmental, technical, and engineering services which may be required to implement any corrective action or remediation or installation of any systems cannot be accurately estimated.
13. It is recommended that GZA be retained to provide engineering services during final design, construction and/or implementation of any remedial measures recommended in this report. This is to allow to observe compliance with the concepts and recommendations contained herein, and to allow the development of design changes in the event that subsurface conditions differ from those anticipated.

APPENDIX B
SITE PHOTOGRAPHS AND HISTORICAL AERIAL PHOTOGRAPHS

**TOWN OF MANCHESTER
324, 300, 334, & 340 BROAD STREET
MANCHESTER, CONNECTICUT**



View southerly of the western Site building.



View southeasterly of the southern Site building.

Garbage compacter located adjacent to the northeastern corner of the building north of the battery enclosure.

**TOWN OF MANCHESTER
324, 300, 334, & 340 BROAD STREET
MANCHESTER, CONNECTICUT**



Garbage compactor south of the former Stop & Shop.



View north of the southern wall of the former retail units.

**TOWN OF MANCHESTER
324, 300, 334, & 340 BROAD STREET
MANCHESTER, CONNECTICUT**



Fenced-in area where leaking backhoe was parked in 2006.



View of the rear of the former Stop & Shop and former transformer location.

**TOWN OF MANCHESTER
324, 300, 334, & 340 BROAD STREET
MANCHESTER, CONNECTICUT**



Inside the former Stop & Shop.



Floor drain inside the former Stop & Shop.



EDR® Environmental
Data Resources Inc

The EDR Aerial Photo Decade Package

**Vacant Retail Building
Broad Street/Green Manor Blvd
Manchester, CT 06040**

Inquiry Number: 1749098.13

September 07, 2006

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

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Date EDR Searched Historical Sources:

Aerial Photography September 07, 2006

Target Property:

Broad Street/Green Manor Blvd
Manchester, CT 06040

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1957	Aerial Photograph. Scale: 1"=750'	Panel #: 2441072-G5/Flight Date: September 28, 1957	EDR
1967	Aerial Photograph. Scale: 1"=750'	Panel #: 2441072-G5/Flight Date: October 07, 1967	EDR
1977	Aerial Photograph. Scale: 1"=833'	Panel #: 2441072-G5/Flight Date: May 14, 1977	EDR
1989	Aerial Photograph. Scale: 1"=750'	Panel #: 2441072-G5/Flight Date: June 01, 1989	EDR
1997	Aerial Photograph. Scale: 1"=833'	Panel #: 2441072-G5/Flight Date: March 24, 1997	EDR



INQUIRY #: 1749098.13

YEAR: 1957

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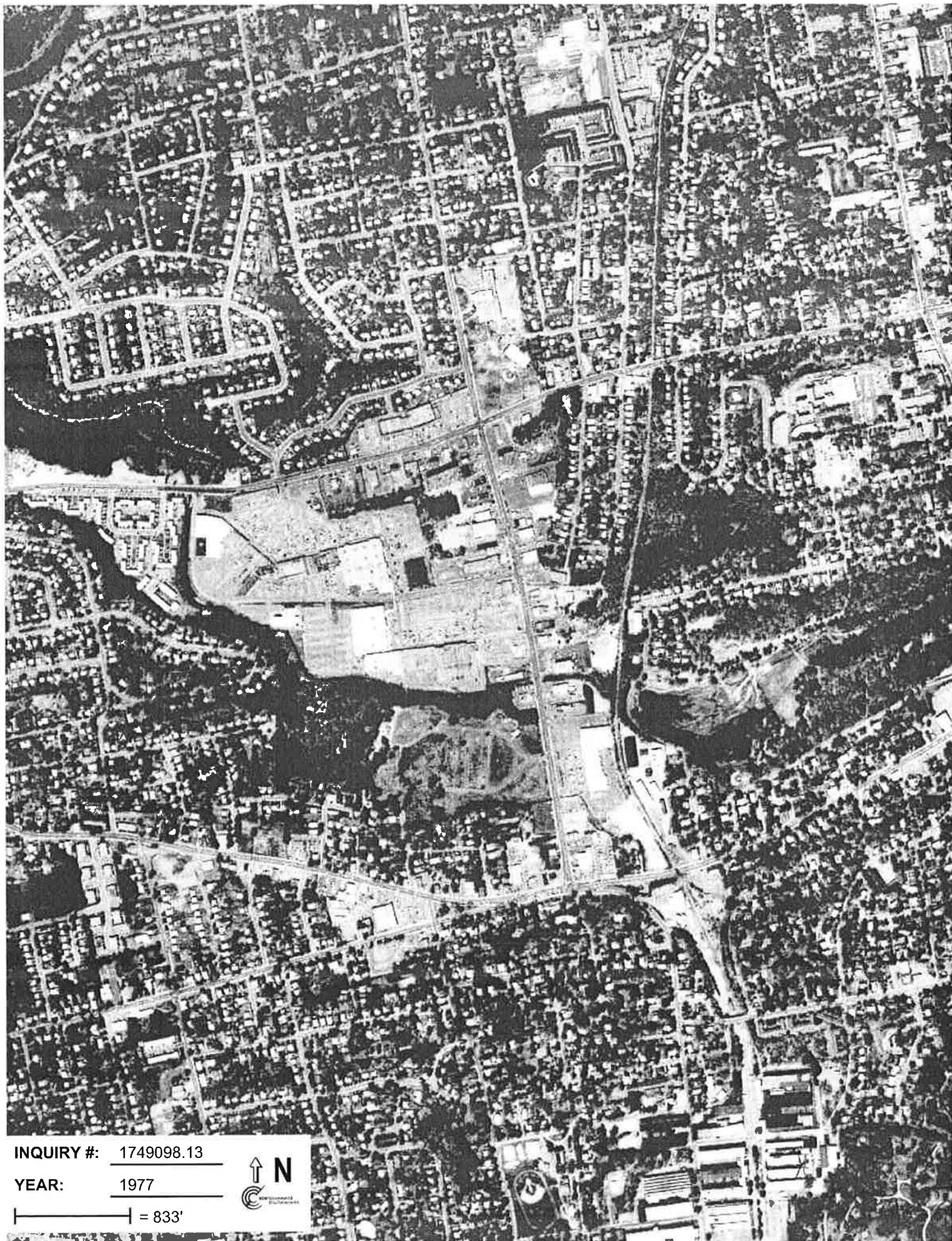


INQUIRY #: 1749098.13

YEAR: 1967

| = 750'





INQUIRY #: 1749098.13

YEAR: 1977

| = 833'





INQUIRY #: 1749098.13

YEAR: 1989

| = 750'



863-049

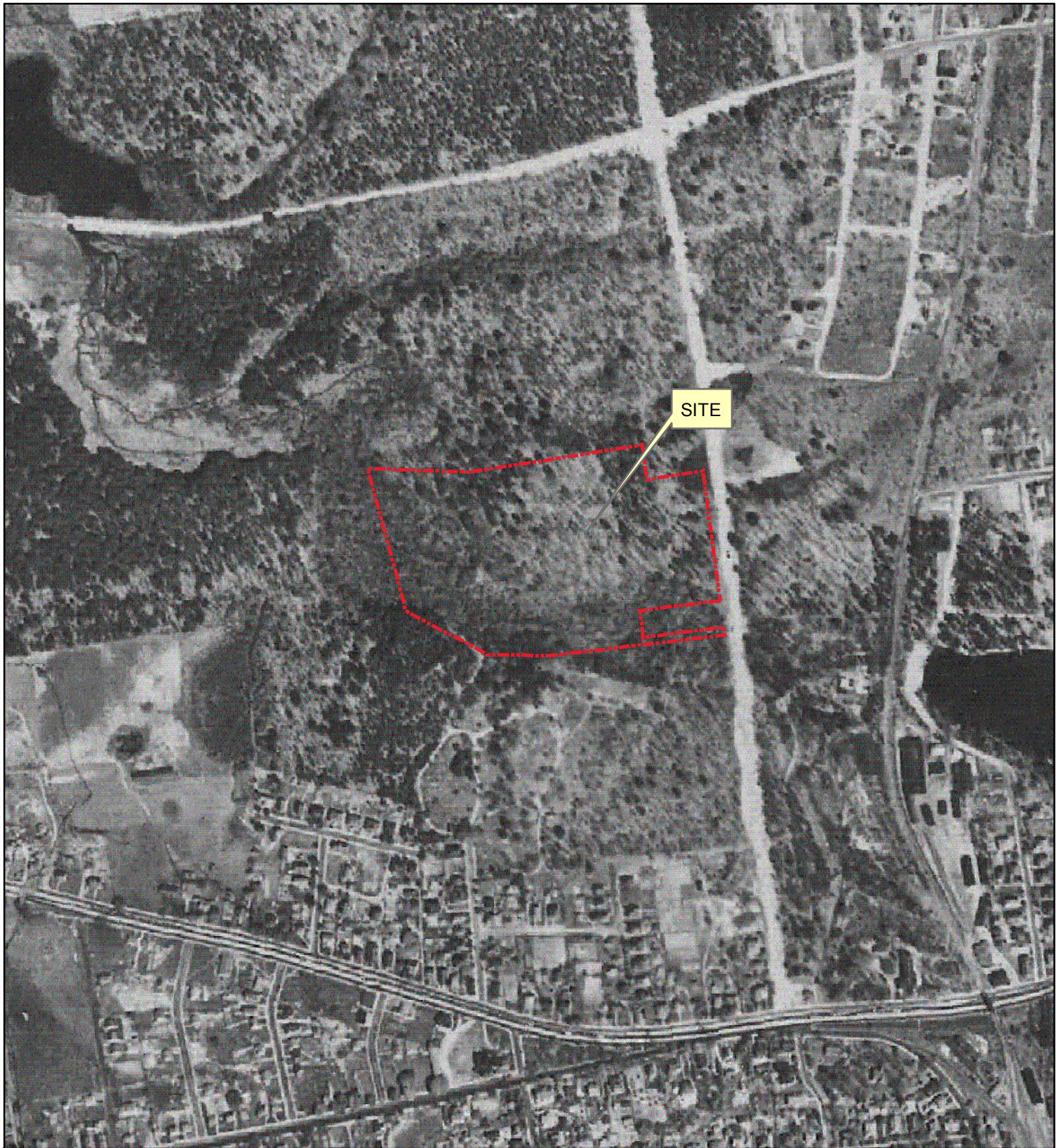


INQUIRY #: 1749098.13

YEAR: 1997

| = 833'





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USGS 7.5 MINUTE
 QUADRANGLE BASE MAP:
 MANCHESTER, CONNECTICUT
 1997

1934 AERIAL PHOTOGRAPH

324, 330, 334 AND 340 BROAD STREET
 MANCHESTER, CONNECTICUT

PROJ MGR: JTH

REVIEWED BY: BAG

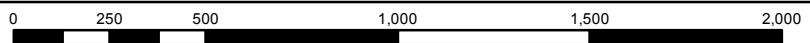
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DRAWN BY: MJS

DATE: 02-01-11

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Scale in Feet



FIGURE



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 1997

1991 AERIAL PHOTOGRAPH

324, 330, 334 AND 340 BROAD STREET
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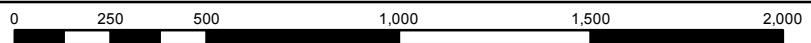
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Scale in Feet



FIGURE



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USGS 7.5 MINUTE
 QUADRANGLE BASE MAP:
 MANCHESTER, CONNECTICUT
 1997

2004 AERIAL PHOTOGRAPH

**324, 330, 334 AND 340 BROAD STREET
 MANCHESTER, CONNECTICUT**

MICROSOFT VIRTUAL EARTH AERIAL PHOTOGRAPH

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0 250 500 1,000 1,500 2,000

Scale in Feet



FIGURE



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 MANCHESTER, CONNECTICUT
 1997

2006 AERIAL PHOTOGRAPH

324, 330, 334 AND 340 BROAD STREET
 MANCHESTER, CONNECTICUT

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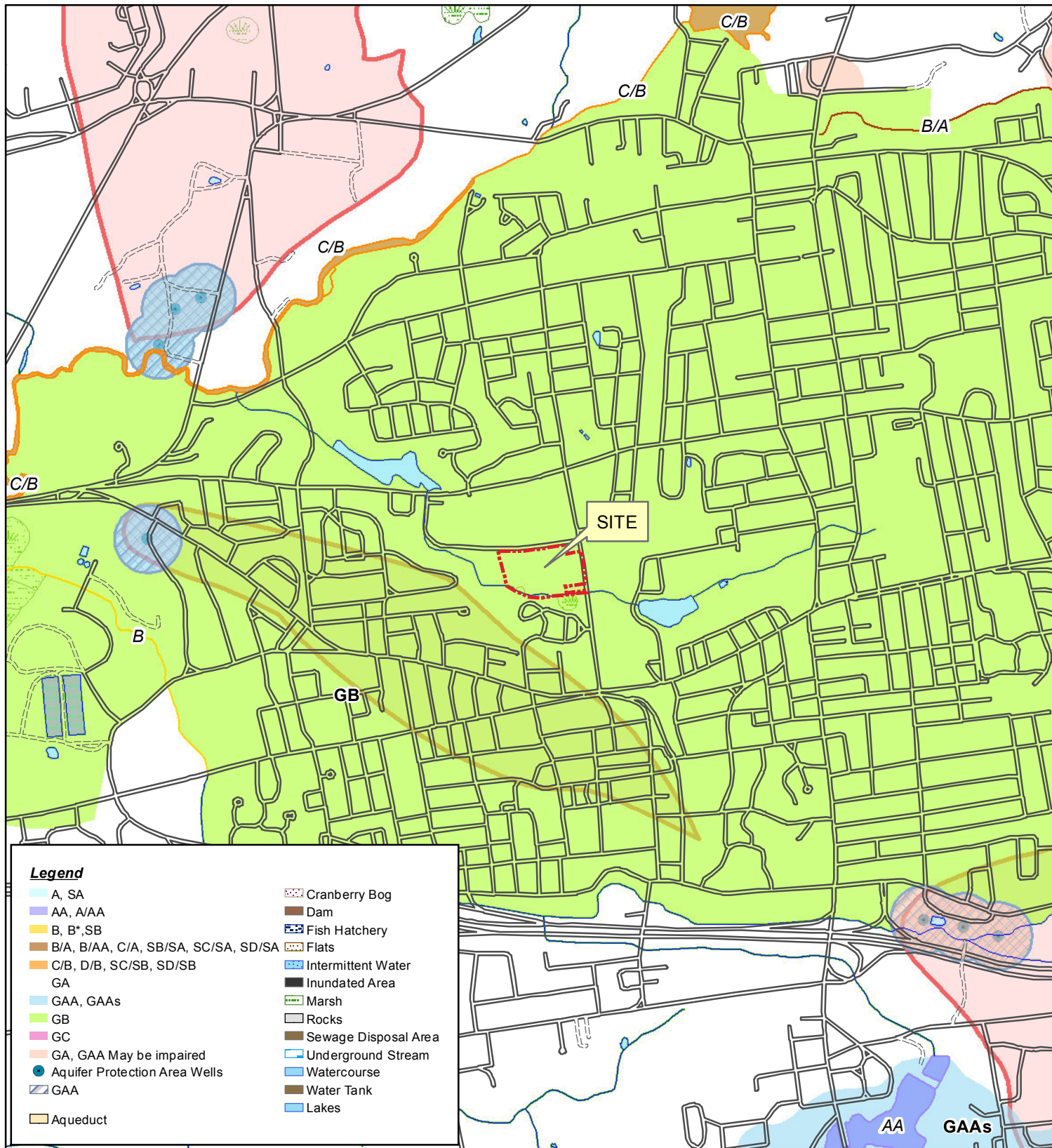
Scale in Feet



FIGURE

APPENDIX C

GIS MAPS



GROUND AND SURFACE WATER QUALITY MAP

324, 330, 334 AND 340 BROAD STREET
MANCHESTER, CONNECTICUT

Source: CT Department of Environmental Protection, Water Compliance Unit, 1993

PROJ MGR: JTH

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DATE: 02-01-11

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0 1,000 2,000 4,000 6,000 8,000

Scale in Feet

FIGURE



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USGS 7.5 MINUTE
QUADRANGLE BASE MAP:
MANCHESTER, CONNECTICUT
1997



GZA GeoEnvironmental, Inc.
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USGS 7.5 MINUTE
 QUADRANGLE BASE MAP:
 MANCHESTER, CONNECTICUT
 1997

BEDROCK GEOLOGY MAP

324, 330, 334 AND 340 BROAD STREET
 MANCHESTER, CONNECTICUT

Source: Connecticut Geological and Natural History Survey, 1985

PROJ MGR: JTH

REVIEWED BY: BAG

PROJECT NO. 05.0044771.00

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DATE: 02-01-11

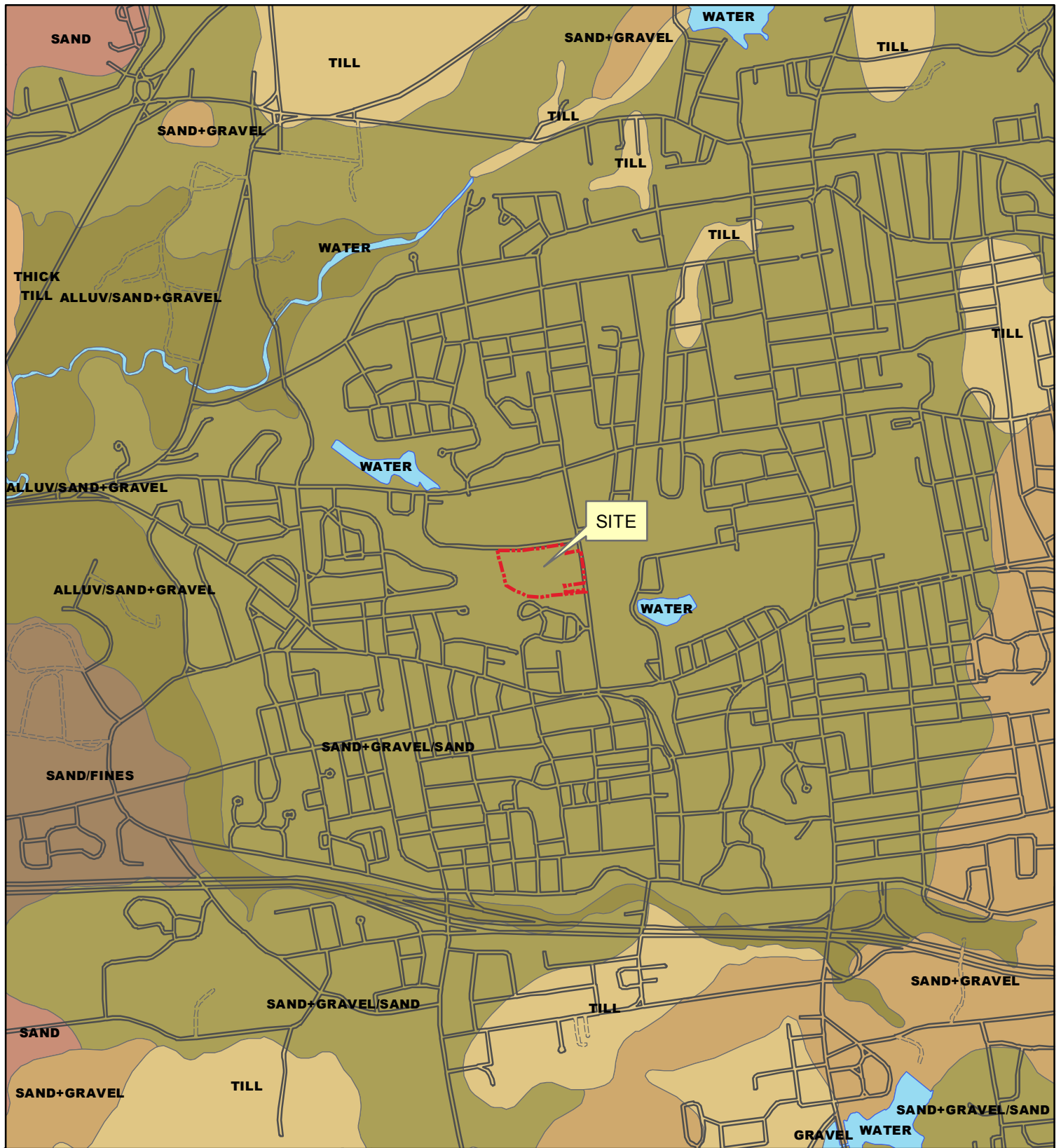
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0 1,000 2,000 4,000 6,000 8,000

Scale in Feet



FIGURE



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 Glastonbury, Connecticut 06033
 (860) 286-8900



SURFICIAL MATERIAL MAP

324, 330, 334 AND 340 BROAD STREET
 MANCHESTER, CONNECTICUT

Source: United States Geological Survey, 1992

PROJ MGR: JTH

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0 1,000 2,000 4,000 6,000 8,000

Scale in Feet



FIGURE

APPENDIX D
PREVIOUS ENVIRONMENTAL REPORTS

PROPOSED STOP AND SHOP SITE
MANCHESTER, CONNECTICUT

Prepared for:
Stop and Shop, Inc.
Boston, Massachusetts

Prepared by:
Goldberg-Zoink & Associates, Inc.
Newton Upper Falls, Massachusetts

File No. G-3550
February, 1983

BACKGROUND

The proposed site is located on Broad Street, adjacent to an existing Bradlees building, and is currently used as a parking area. At the east end of the site is an abandoned gas station. Further south of the site is an existing Shell gas station. Further south of the Shell station is Bigelow Brook, running from east to west. The site layout and proposed building location are indicated on Figure 1.

Current grades in the proposed building area generally slope from east to west, ranging from approximately elevation 138 to 133.

According to plans prepared by Linenthal Eisenberg Anderson, Inc. (LEA) the finish floor elevation for the proposed building will be 136. (All elevations cited refer to Town of Manchester Datum).

Subsurface explorations for the proposed building, including borings and test pits, were executed in several phases by Clarence Wetti Associates covering a period from July 1981 to June 1982. The locations of the borings and test pits are shown on Figure 1 and a copy of Wetti's boring and test pit logs are attached in Appendix A. Subsurface conditions as indicated by these logs consist primarily of fine to medium and fine to coarse sand, except in the south end of the site where up to 14 feet of fill was encountered over the sand deposits. The fill is described as consisting primarily of sand with lesser amounts of topsoil, wood, and silt, except in the southwest section of the building area where the test pits indicate the presence of "organic material" (no further description in logs). Supplemental information provided by an LEA representative who viewed the test pits indicated that the organic material consisted of matted roots, branches, and occasional stumps.

During the course of the explorations, a gasoline odor was reported in some of the boring samples and in some of the test pits located primarily in the southeast quadrant of the site. In November 1982, at the request of LEA, GZA became involved to further study the extent of gasoline contamination in the soil and groundwater. Five shallow test borings (GZ-1, GZ-2, GZ-2A, GZ-3, and GZ-4) were subsequently made in the southeast section of the site by Wetti Associates on November 4 and 8, 1982. Boring locations are indicated on Figure 1. A representative of GZA observed and logged the borings (logs are included in Appendix B). At the completion of each boring (except boring GZ-2), a 1-1/2-inch PVC observation well was installed with a 10-foot wellscreen spanning the observed water table. Two additional observation wells, GZ-5 and GZ-6, were installed on December 2, 1982 by Wetti Associates at locations selected by GZA, although GZA did not observe well installations. Logs of GZ-5 and GZ-6 prepared by Wetti are included in Appendix A.

SOIL AND GROUNDWATER CONDITIONS

The seven borings performed for GZA generally confirmed the subsurface profile indicated by the previous Wetti borings. Natural soils encountered in the GZA borings consisted primarily of fine and fine to medium sands. Fill was encountered in borings GZ-1, GZ-2, GZ-2A, GZ-3, and GZ-6, varying in thickness from

2 to 9 feet, and consisted of sand, peaty sand, and gravel with a small volume of organic materials. Except for a thin layer of peat in GZ-2, the GZA borings indicated no distinct compressible layer within the fill. Where observed, particularly in GZ-2A, organic materials were mixed with silt, sand, and gravel. Contours indicating the approximate thickness of fill over the building area are shown on Figure 2.

Groundwater was encountered in the observation wells at depths of approximately 6 to 8 feet below ground surface, which corresponds to a groundwater level between approximately elevation 129.6 and elevation 130.6. Groundwater levels measured at the six wells on December 22, 1982 are illustrated on Figure 3 as is the brook elevation on this date. On the basis of these readings, groundwater flow direction appears to be to the southwest. This observation is consistent with general hydrogeologic interpretation which would suggest that flow is generally toward Bigelow Brook. (Groundwater elevation data recorded by Wetti Associates during the earlier borings and test pits also suggests an east to west, or northeast to southwest, direction of flow). It should be noted that groundwater levels will fluctuate due to changes in season, temperature, rainfall, and other factors which differ from those existing at the time these readings were made.

SOIL AND GROUNDWATER CONTAMINATION

There is evidence of contamination by gasoline in both the soil samples obtained during drilling and the groundwater samples obtained from the observation wells.

Of the five borings observed by GZA, the soil samples from GZ-3 appeared to be most contaminated. From a depth of approximately 7 feet to 10 feet, split spoon samples smelled strongly of gasoline and also possessed a sheen indicative of gasoline. A lesser but still noticeable odor of gasoline was detected in GZ-1 and GZ-2A. No significant signs of gasoline were noted in GZ-4. Subsequent gas chromatograph (GC) and organic vapor content analyses performed on November 16, 1982, by GZA on soil samples from GZ-1, GZ-2A, GZ-3 and GZ-4 confirmed these observations, indicating high levels of benzene and toluene (constituents of gasoline) in samples from GZ-2A and GZ-3, particularly in those samples within the upper several feet of the groundwater table. The results of these analyses are summarized in Table 1.

Three rounds of groundwater sampling were done on November 12, December 6, and December 10, 1982. The first set of samples (taken prior to installation of GZ-5 and GZ-6) produced the following results: samples from GZ-2a and GZ-3 smelled of gasoline and were slightly discolored, while samples from GZ-1 and GZ-4 had a very slight gasoline odor (if at all) and were clear. The second and third rounds included samples from all six wells. Samples from GZ-3 and GZ-5, the wells closest to the abandoned station, smelled strongest of gasoline. The samples from GZ-2a and GZ-6 also had a gasoline odor. The remaining two samples exhibited no significant gasoline odor. Gas chromatograph analyses were performed on December 17, 1982 by GZA on the six samples obtained on December 10, 1982. The results indicated the presence of toluene in samples from GZ-2a, GZ-3, GZ-5, and GZ-6 and are summarized in Table 2.

It should be noted that of the samples obtained that smelled of gasoline, none consisted of pure or near pure gasoline, but of gasoline-contaminated groundwater. While pure gasoline would form a layer or lens on the groundwater surface (due to its lower unit weight), dilute gasoline could exist in a dissolved state in the upper layers of the groundwater regime. The latter appears to be the case here. In effect, the constituents of gasoline appear to be mixed with the groundwater in samples from GZ-2a, GZ-3, and GZ-5. It should also be recognized, however, that the absence of a distinctive odor in the other samples does not necessarily indicate that low levels of contamination are not present.

Based on this information, as well as observations noted in Welb's logs, the approximate limits of contaminated groundwater and soil are as shown on Figure 4. It is expected that the contamination is limited to a zone in the upper several feet of the groundwater table, as observed in GZ-3. The actual thickness of this layer is difficult to quantify because of the mixing effect described above, which results in a zone of gasoline-contaminated groundwater rather than a distinct layer of gasoline. It is anticipated that concentrations of dissolved gasoline would decrease with depth below the water table within this zone, grading gradually to "clean" groundwater.

The source of contamination is believed to be the abandoned gas station as opposed to the existing station primarily because of the strong indication of gasoline in GZ-3 and GZ-5, located closest to the old underground tanks. It is unlikely that the Shell Station could be the source of contamination since the

predominant direction of groundwater flow appears to be to the southwest. For gasoline to migrate from the Shell tanks to GZ-3 and GZ-5, there would have to be a component of flow to the north, away from Bigelow Brook. Given the observed water level in the brook in relation to groundwater levels within the site (Figure 3) however, it is more likely that flow is toward the brook. Under this assumption, flow from the Shell tanks would be away from the site (southwest).

TABLE 1
VOLATILE ORGANIC ANALYSES - PORTABLE GC-SOIL SAMPLES

Sample Number	Sample Number	Depth	Organic Vapor Content (1) ppm	GC Analyzes (2,3)
GZ-1	S-1	0'-2'	52.0	No significant peaks
	S-2	2'-4'	52.0	
	S-3	4'-6'	2.0	
	S-4	6'-8'	44.0	
	S-5	8'-10'	38.0	
	S-6	12.5'-14.5'	0	
GZ-2A	S-1	0'-2'	20.0	Benzene
	S-2	2'-4'	250.0	
	S-3	4'-6'	550.0	
	S-4	6'-8'	900.0	
	S-5	8'-9'	650.0	
	S-5A	9'-10'	500.0	
GZ-3	S-1	0'-2'	5.0	Benzene Toluene Ethyl Benzene
	S-2	2'-4'	6.5	
	S-3	4'-6'	7.0	
	S-4	6'-8'	<1000	
	S-5	8'-10'	350.0	
	S-6	10'-12'	12.0	
GZ-4	S-1	0'-2'	14.0	No significant peaks
	S-2	2'-4'	4.5	
	S-3	4'-6'	320.0	
	S-4	6'-6.5'	140.0	
	S-5	6.5'-7' 7'-8' 10'-12'	54.0 3.0 7.0	

NOTES:

- Organic vapor contents are headspace analyses referenced to a methane in air standard. Results reported in parts per million (ppm). A Century Systems Model OVA-128 organic vapor analyzer was employed for all analyses. Injection size was 3 c.c. unless otherwise indicated.
- G.C. analysis results represent tentative compound identifications made by comparison of peak elution times to retention times of known compounds. (from prepared standard solutions).
- GC analyses were performed on the sample from each boring registering the highest organic vapor content.

TABLE 2
VOLATILE ORGANIC ANALYSES - PORTABLE GC-GROUNDWATER SAMPLES

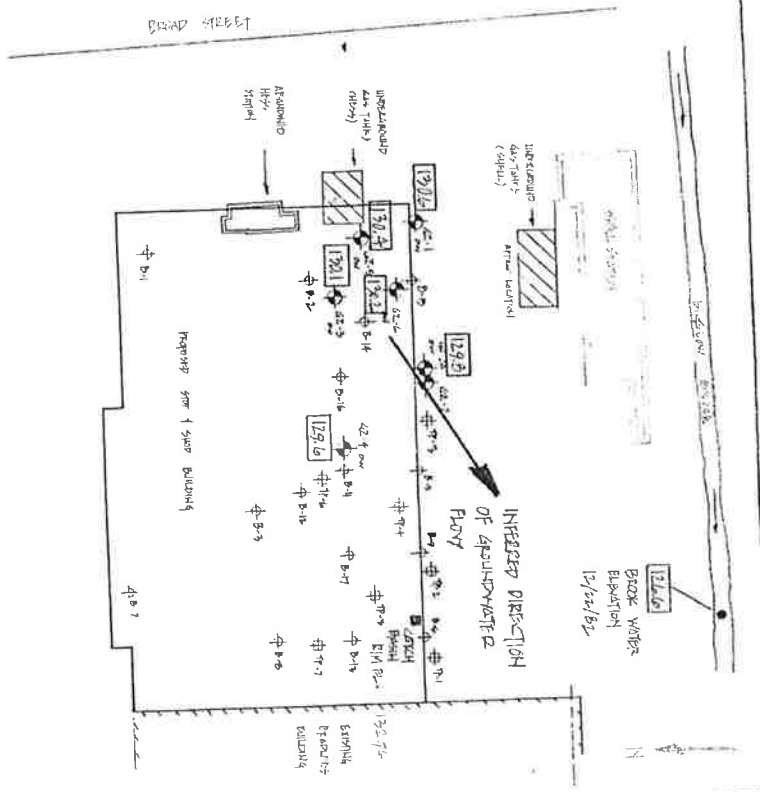
Number	Collection Date	Volatiles Compound	Analysis Results ¹ Peak Height
GZ-1	12/10/82	Toluene	0.1
GZ-2A	12/10/82	Toluene	0.4
GZ-3	12/10/82	Toluene	0.4
GZ-4	12/10/82	ND	---
GZ-5	12/10/82	Toluene	0.2
GZ-6	12/10/82	Toluene	0.4

Notes:

- Volatiles organic analyses with a Century Systems Model OVA-128 organic vapor analyzer/gas chromatograph employing headspace techniques. Sample injection size = 0.20 cc. Column employed was 12" long (T-12), packed with 10 percent 1' 2, 3 TRIS Propane on 60/80 mesh Chromosorb P, AW. ND indicates volatile organics not detected.
- Toluene identification made by matching peak elution time to retention time of prepared standard. Identification should be considered tentative only.
- Peak heights read directly from chromatograms in inches.
- Peak heights reported should be considered relative measurements of compound concentrations only and should not be construed as actual quantitative data. Estimated calibration factor to convert peak height to toluene concentrations: 0.1" = 0.05 ppm.

1. Base map taken from Drawing G-1 entitled "Site Plan" prepared by IBA dated 5/24/68.
2. GZA borings located by tape measurement from existing features. Locations should be considered accurate only to the degree implied by the method used.
3. Locations of other Melitt borings and test pits taken from Drawing SI entitled "Location Plan and Details" prepared by IBA dated 5/2/69.

- NOTES:
1. See notes for Figure 1.
 2. The contours of fill thickness are based on interpretation of widely spaced explorations and may not represent actual subsurface conditions. The contours are presented to convey trends in fill thickness.



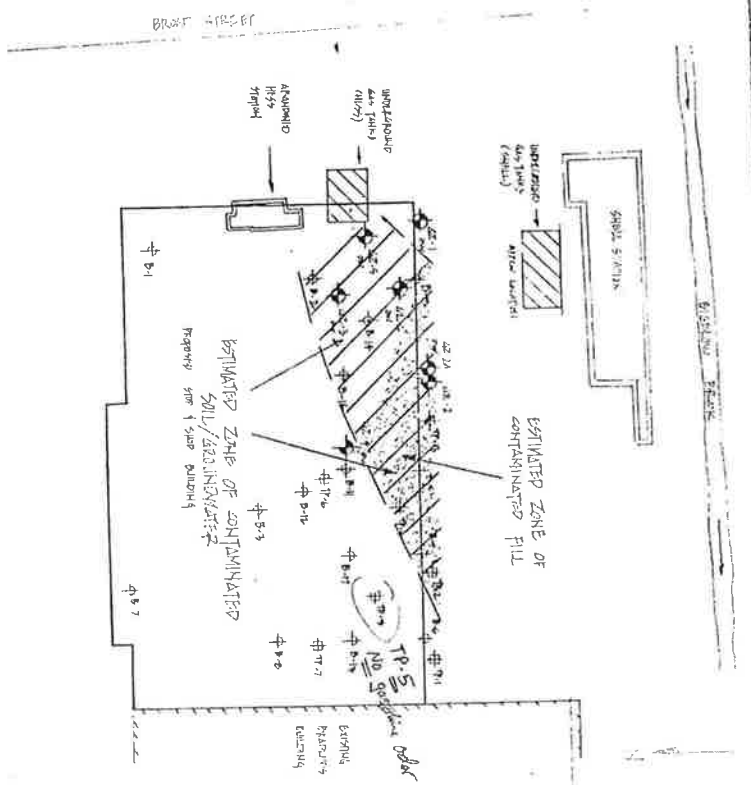
LEGEND

170.10

Groundwater elevation measured in observation well on 12/22/82

NOTES:

1. See Figure 1 for additional notes.
2. Catch Basin rim elevation of 132.76 as given on LEA Drawing G-1 was used as reference.
3. GW flow direction inferred from measurements made on December 22, 1982, and may not reflect actual hydrogeologic conditions.



LEGEND

Indicates noticeable gasoline odor in soil and/or groundwater samples.

Estimated zone of contaminated soil/groundwater.

Estimated zone of contaminated fill.

NOTES:

1. The zone of contamination has been estimated based on soil and groundwater observations. The limits indicated above are approximate and may not reflect actual conditions.

CLARENCE WELTI ASSOC., INC.
P.O. BOX 387
GLASTONBURY, CONN. 06033

"BORING LOG"

CLIENT STOP 1 SHOP

BORING NO. B-1
LINE & STA.
OFFSET
GR. ELEV. 137.7 ±

A STRATUM DESCRIPTION PER. 5" B

0-2	br. fine-med. sand, tr. fine gravel	13-13-11	
6-0		9-9-6	
	fine-crs. sand, tr. fine gravel	9-10-10	
15.0			
**blacktop			
BOTTOM OF BORING 15.0			
WATER AT 7.5 @ 0 hrs.			
DATE: 7/23/81			
DRILLER: BARACCO			

1. COL. A strata depth
 2. COL. B
 3. HAMMER = 140#, FALL 30"
 4. SAMPLER = O.D. SPLIT SPOON
 5. GWT = GROUND WATER
- III - 2 - 5

BORING NO. B-2
LINE & STA.
OFFSET
GR. ELEV. 137.8 ±

A STRATUM DESCRIPTION PER. 5" B

0-2	br. fine-med. sand, tr. fine gravel	6-7-8	
		7-7-8	
15.0		11-10-14	
BOTTOM OF BORING 15.0			
WATER AT 7" @ 0 hrs.			
Note: strong gasoline odor in wet material			
DATE: 7/23/81			
DRILLER: BARACCO			

AND - 40 to 50%
SOME - 10 to 40%
TRACE - 0 to 10%

CLARENCE WELTI ASSOC., INC.
P.O. BOX 387
GLASTONBURY, CONN. 06033

"BORING LOG"

CLIENT STOP 3 SHOP

BORING NO. B-3
LINE & STA.
OFFSET
GR. ELEV. 135 ±

A STRATUM DESCRIPTION PER. 5" B

0-1	fine-med. sand	6-4-5	
6-5		6-9-12	
	fine-crs. sand, tr. fine gravel	12-11-17	
15.0			
BOTTOM OF BORING 15.0			
WATER AT 6.5 @ 0 hrs.			
DATE: 7/23/81			
DRILLER: BARACCO			

1. COL. A strata depth
 2. COL. B
 3. HAMMER = 140#, FALL 30"
 4. SAMPLER = O.D. SPLIT SPOON
 5. GWT = GROUND WATER
- III - 2 - 5

BORING NO. B-4
LINE & STA.
OFFSET
GR. ELEV. 137 ±

A STRATUM DESCRIPTION PER. 5" B

0-1	br. fine-med. sand, tr. silt, fill	1-8-2	
6-5		1-1-3	
8-5	**		
9-5	red decomp. sandstone	3-14-45	
15.0			
**blk. fine sand, tr. organic material, crs-med. sand, blk. silt in layers			
REFUSAL AT 9.5			
WATER AT 5' @ 0 hrs.			
DATE: 7/23/81			
DRILLER: BARACCO			

AND - 40 to 50%
SOME - 10 to 40%
TRACE - 0 to 10%

CLARENCE WELTI ASSOC., INC.
P.O. BOX 387
GLASTONBURY, CONN. 06033

"BORING LOG"

PROJ. Manchester, CT.
CLIENT LINENTHAL-EISENBERG ANDERSON

BORING NO. 5
LINE & STA. _____
OFFSET _____
GR. ELEV. 134.36

BLOWS
PER 6" B

A	STRATUM DESCRIPTION	B
0-5	red/br. fine-med. sand, little dkbr. fine sand	
4.0	dk. fine sand & silt, some wood, some topsoil	1-0-2
		2-3-2
14.0	red fine-med. sand	8-10-12
18.0	red fine sand, tr. silt	6-9-11
21.5	BOTTOM OF BORING 21.5 WATER AT 5' @ 0 hrs.	
	DATE: 5/11/82 DRILLER: BROCKLEY	

BORING NO. 6
LINE & STA. _____
OFFSET _____
GR. ELEV. 133.07

BLOWS
PER 6" B

A	STRATUM DESCRIPTION	B
0-5	dk. buried topsoil w/tree stumps	1-3-12
2.0	red sandstone & fine med. sand, fill	
6.0	red fine-med. sand, tr. cfs. sand	7-9-12
8.0	**	
16.5	**red/br. fine-med. sand, little silt	7-8-10
	BOTTOM OF BORING 16.5 WATER AT 4' @ 0 hrs.	
	DATE: 5/11/82 DRILLER: BROCKLEY	
	RECEIVED MAY 14 1982 LINENTHAL-EISENBERG ANDERSON	

Two Printers #111

1. COL. A strata depth
2. COL. B
3. HAMMER = 140#, FALL 30"
4. SAMPLER = O.D. SPLIT SPOON
5. GWT = GROUND WATER

III - 2 - 7

AND - 40 to 50%
SOME - 10 to 40%
TRACE - 0 to 10%

CLARENCE WELTI ASSOC., INC.
P.O. BOX 387
GLASTONBURY, CONN. 06033

"BORING LOG"

PROJ. Manchester, CT.
CLIENT LINENTHAL-EISENBERG ANDERSON

BORING NO. 7
LINE & STA. _____
OFFSET _____
GR. ELEV. 135.40

BLOWS
PER 6" B

A	STRATUM DESCRIPTION	B
0-4	red fine-med. sand	
3.0	red fine-crs. sand	2-3-3
		7-9-10
		5-9-11
21.5	BOTTOM OF BORING 21.5 WATER AT 4' @ 0 hrs.	6-8-12
	DATE: 5/11/82 DRILLER: BROCKLEY	

BORING NO. 8
LINE & STA. _____
OFFSET _____
GR. ELEV. 133.73

BLOWS
PER 6" B

A	STRATUM DESCRIPTION	B
0-5	red/br. fine-med. sand	3-4-5
2.0	red fine sand, tr. silt	5-6-9
11.0	**	
16.5	**br. fine-crs. sand & gravel	7-9-11
	BOTTOM OF BORING 16.5 WATER AT 3.5' @ 0 hrs.	
	DATE: 5/11/82 DRILLER: BROCKLEY	
	RECEIVED MAY 14 1982 LINENTHAL-EISENBERG ANDERSON	

Two Printers #1127

1. COL. A strata depth
2. COL. B
3. HAMMER = 140#, FALL 30"
4. SAMPLER = O.D. SPLIT SPOON
5. GWT = GROUND WATER

III - 2 - 8

AND - 40 to 50%
SOME - 10 to 40%
TRACE - 0 to 10%

CLARENCE WELTI ASSOC. INC.
P.O. BOX 397
CLASTONBURY, CONN. 06033

Proposed Stop & Shop
Manchester, CT.

AUGER HOLES

Hole Number	Sta.	Off	Elev.	Soil Strata		Remarks: Soil Encountered (Groundwater Depth, Refusal, End of Boring, Etc.)
				From	To	
B-9			133.5	0	0.1	asphalt
				0.1	2.0	red/br.med.sand, little fine gravel, tr.silt
				2.0	3.0	fine gravel, little red/br.fine sand
				3.0	3.5	red/br.fine sand
				3.5	5.5	little wood, some fine sand, fill
				5.5	9.0	dk.br./blk.fine-med.sand
				9.0	11.0	fine gravel, some fine-med.sand
				11.0	15.0	br/red fine-med.sand, some silt, tr.crs.sand
						BOTTOM OF BORING 15.0
						WATER AT 4.5' @ 0 hrs.
B-10			136*	0	0.1	asphalt
				0.1	1.0	br/red fine sand, tr.med.sand
				1.0	3.5	br/red fine-crs.sand, tr.fine gravel
				3.5	5.0	dk.br./blk.sand, some roots, fill
				5.0	8.0	blk.silt, some roots, tr.topsoil, blk.fill
				8.0	10.0	br/red fine-med.sand, tr.fine gravel
						BOTTOM OF BORING 10.0
						WATER AT 8.5' @ 0 hrs.
B-11			134.7	0	0.1	asphalt
				0.1	1.0	br/red fine sand, some silt
				1.0	3.5	br/red fine-med.sand, tr.fine gravel in layers
				3.5	7.5	blk.topsoil, some roots in layers, some blk.silt, fill
				7.5	8.5	br/red med.sand
				8.5	10.0	red/br.fine-crs.sand, tr.fine gravel in layers
						BOTTOM OF BORING 10.0
						WATER AT 5.5' @ 0 hrs.
						11 - 2 - 9

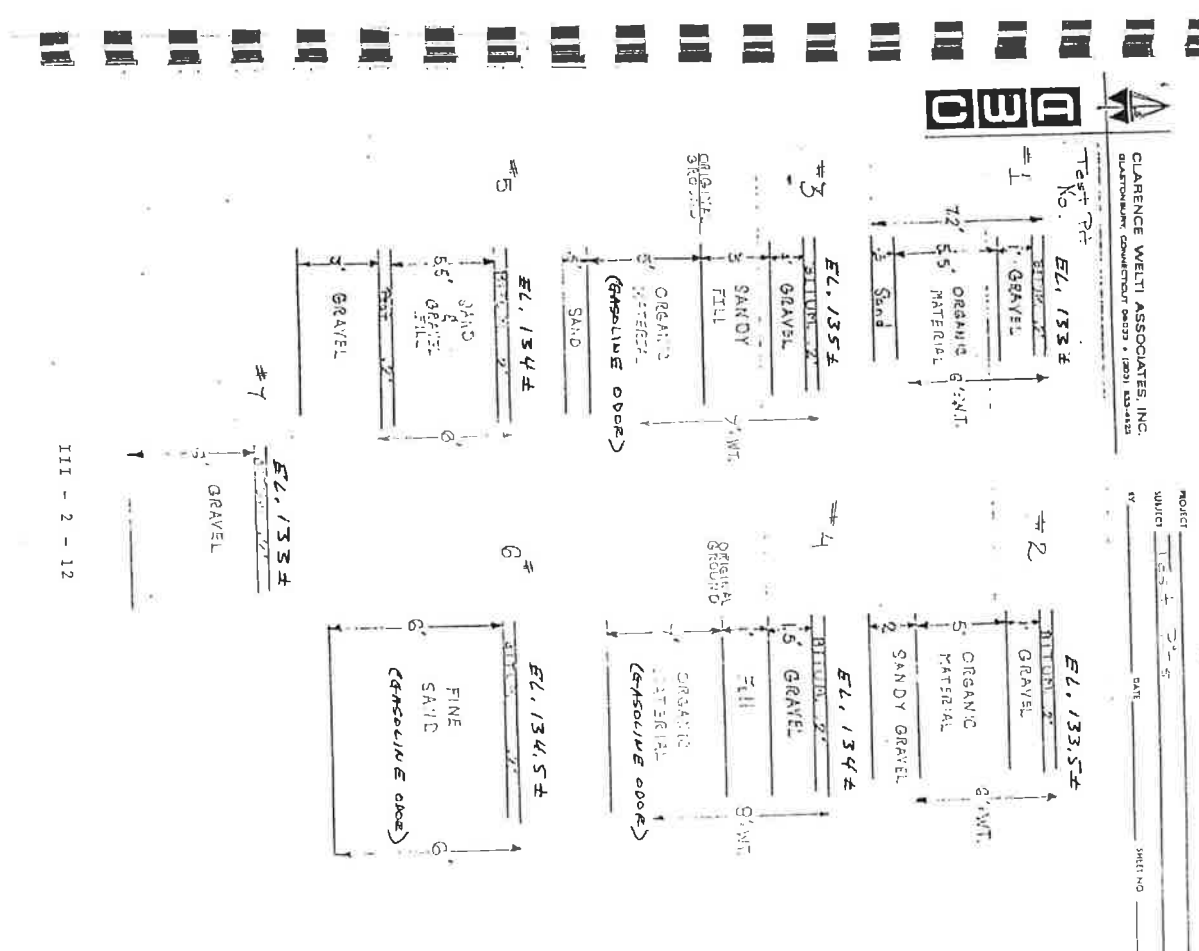
CLARENCE WELTI ASSOC. INC.
P.O. BOX 397
CLASTONBURY, CONN. 06033

Proposed Stop & Shop
Manchester, CT.

AUGER HOLES

Hole Number	Sta.	Off	Elev.	Soil Strata		Remarks: Soil Encountered (Groundwater Depth, Refusal, End of Boring, Etc.)
				From	To	
B-12			135.4	0	0.1	asphalt
				0.1	0.7	red/br.fine sand, some silt
				0.7	6.0	red/br.fine-med.sand
				6.0	10.0	red fine-med.sand, tr.crs.sand
						BOTTOM OF BORING 10.0
						WATER AT 5.5' @ 0 hrs.
B-13			133.4	0	0.1	asphalt
				0.1	0.8	br/red fine sand, some silt
				0.8	4.0	br/red fine-med.sand, tr.very fine gravel in layers
				4.0	7.0	red/br.med-crs.sand, little fine gravel
				7.0	10.0	red/br.crs.sand, some fine gravel in layers, little med.sand
						BOTTOM OF BORING 10.0
						WATER AT 4.5' @ 0 hrs.
B-14			137.4	0	0.1	asphalt
				0.1	2.0	br/red fine sand
				2.0	4.0	br/blk.sand & wood, fill
				4.0	10.0	br/red fine-med.sand, tr.crs.sand, tr.fine gravel
						BOTTOM OF BORING 10.0
						WATER AT 5.7' @ 0 hrs.
B-15			138.4	0	0.1	asphalt
				0.1	1.0	br/red fine-med.sand, tr.fine gravel
				1.0	3.5	fine gravel, some dk.br.fine sand, little silt
				3.5	6.0	dk.br/blk.fine-med.sand w/roots & wood in layers,
						little blk.silt, fill
				6.0	10.0	br.fine-med.sand, little silt, tr.fine gravel in layers
						11 - 2 - 10

AUGER HOLES

[illegible]

CLARENCE WELTI ASSOC., INC.
P.O. BOX 297
GLASTONBURY, CONN. 06033

"BORING LOG"

STOP 6 SHOP/Manchester
PROJECT GOLDEN-2010
CLIENT

BORING NO. GZ-5
LINE & STA.
OFFSET
GR. ELEV.

A STRATUM DESCRIPTION PER 6" B BLOWS

0-2	red fine-grs. sand	
2-0	**	
3-0	red fine-grs. sand, little fine gravel	
5-0	red fine-grs. sand	7-9-10
12-0	red fine-med. sand, strong odor of gas	4-7-8
15-5	red fine-med. sand fine-med. gravel	11-81-21
BOTTOM OF BORING 15.5'		
WATER AT 7.9' @ 0 hrs.		
10' screen 4' riser 1 metal protector		
DATE: 12/2/82 DRILLER: URSIN		

BORING NO. GZ-6
LINE & STA.
OFFSET
GR. ELEV.

A STRATUM DESCRIPTION PER 6" B BLOWS

0-2	br. fine-med. sand, some fine-med. gravel, odor of petroleum, tr. wood, fill	
5-0	red fine-grs. sand	10-5-3
10-11-9		
15-5		10-12-13
BOTTOM OF BORING 15.5'		
WATER AT 8' @ 0 hrs.		
10' screen 4' riser 1 metal protector cemented in place flush w/ground backfilled w/sand		
DATE: 12/2/82 DRILLER: URSIN		

1. COL. A - SIGHT depth
2. COL. B -
3. HAMMER = 140L FALL 30"
4. SAMPLER = O. D. SPLIT SPOON
5. GWT = GROUND WATER

AND - 40 to 50%
SOME - 10 to 40%
TRACE - 0 to 10%

The Printer #1127

GEOTECHNICAL/GEOPHYSICAL CONSULTANTS

BORING Co. C. M. Associates
BOSTON, MA
GZA ENGINEER W. Hildebrand

FILE NO. G-3510
CHNO BY WEL

BORING LOCATION: See Plan
GROUND SURFACE ELEVATION: 128.6
DATE START 11/8/82 DATE END 11/8/82

SAMPLER: UNLESS OTHERWISE NOTED, SAMPLER CONSISTS OF A 2" SPLIT SPOON DRIVEN USING A
MOB HAMMER FALLING 30 in.
CASING: UNLESS OTHERWISE NOTED, CASING DRIVEN USING 3000 HAMMER FALLING 24 in.

CASING SIZE: 3-inch (see note 1) OTHER:

DATE	TIME	WET	DRY	STABILIZATION TIME
11/8	1:00	4.1	6.1	3.5 hrs.

DEPTH (ft) CASING (ft) SAMPLE NO. (ft) BLOWS/6"

SAMPLE DESCRIPTION

REMARKS

STRATUM DESCRIPTION

0-2	5-1	24/24	0-2	5	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, two inches of peat in bottom of spoon, no gasoline odor.	2	1'-2" ASPHALT PAVEMENT
2-4	5-2	24/22	2-4	11	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	2	FTLL
4-6	5-3	24/18	4-6	6	Medium dense, red-brown, fine sand, trace silt, very slight gasoline odor.	3	
6-8	5-4	24/21	6-8	10	Medium dense, red-brown fine sand, trace silt, no gasoline odor.	3	
8-10	5-5	24/24	8-10	6	Medium dense, red-brown, fine sand, little silt, no gasoline odor.	4	FINE SAND
10-12	5-6	24/24	10-12	13	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
12-14	5-7	24/24	12-14	6	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
14-16	5-8	24/24	14-16	7	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
16-18	5-9	24/24	16-18	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
18-20	5-10	24/24	18-20	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
20-22	5-11	24/24	20-22	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
22-24	5-12	24/24	22-24	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
24-26	5-13	24/24	24-26	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
26-28	5-14	24/24	26-28	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
28-30	5-15	24/24	28-30	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
30-32	5-16	24/24	30-32	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
32-34	5-17	24/24	32-34	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
34-36	5-18	24/24	34-36	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
36-38	5-19	24/24	36-38	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
38-40	5-20	24/24	38-40	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
40-42	5-21	24/24	40-42	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
42-44	5-22	24/24	42-44	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
44-46	5-23	24/24	44-46	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
46-48	5-24	24/24	46-48	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
48-50	5-25	24/24	48-50	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
50-52	5-26	24/24	50-52	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
52-54	5-27	24/24	52-54	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
54-56	5-28	24/24	54-56	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
56-58	5-29	24/24	56-58	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
58-60	5-30	24/24	58-60	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
60-62	5-31	24/24	60-62	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
62-64	5-32	24/24	62-64	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
64-66	5-33	24/24	64-66	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
66-68	5-34	24/24	66-68	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
68-70	5-35	24/24	68-70	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
70-72	5-36	24/24	70-72	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
72-74	5-37	24/24	72-74	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
74-76	5-38	24/24	74-76	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
76-78	5-39	24/24	76-78	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
78-80	5-40	24/24	78-80	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
80-82	5-41	24/24	80-82	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
82-84	5-42	24/24	82-84	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
84-86	5-43	24/24	84-86	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
86-88	5-44	24/24	86-88	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
88-90	5-45	24/24	88-90	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
90-92	5-46	24/24	90-92	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
92-94	5-47	24/24	92-94	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
94-96	5-48	24/24	94-96	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
96-98	5-49	24/24	96-98	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
98-100	5-50	24/24	98-100	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
100-102	5-51	24/24	100-102	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
102-104	5-52	24/24	102-104	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
104-106	5-53	24/24	104-106	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
106-108	5-54	24/24	106-108	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
108-110	5-55	24/24	108-110	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
110-112	5-56	24/24	110-112	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
112-114	5-57	24/24	112-114	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
114-116	5-58	24/24	114-116	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
116-118	5-59	24/24	116-118	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
118-120	5-60	24/24	118-120	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
120-122	5-61	24/24	120-122	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
122-124	5-62	24/24	122-124	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
124-126	5-63	24/24	124-126	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
126-128	5-64	24/24	126-128	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
128-130	5-65	24/24	128-130	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
130-132	5-66	24/24	130-132	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
132-134	5-67	24/24	132-134	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
134-136	5-68	24/24	134-136	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
136-138	5-69	24/24	136-138	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
138-140	5-70	24/24	138-140	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
140-142	5-71	24/24	140-142	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
142-144	5-72	24/24	142-144	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
144-146	5-73	24/24	144-146	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
146-148	5-74	24/24	146-148	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
148-150	5-75	24/24	148-150	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
150-152	5-76	24/24	150-152	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
152-154	5-77	24/24	152-154	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
154-156	5-78	24/24	154-156	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
156-158	5-79	24/24	156-158	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
158-160	5-80	24/24	158-160	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
160-162	5-81	24/24	160-162	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
162-164	5-82	24/24	162-164	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
164-166	5-83	24/24	164-166	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
166-168	5-84	24/24	166-168	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
168-170	5-85	24/24	168-170	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
170-172	5-86	24/24	170-172	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
172-174	5-87	24/24	172-174	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
174-176	5-88	24/24	174-176	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
176-178	5-89	24/24	176-178	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
178-180	5-90	24/24	178-180	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
180-182	5-91	24/24	180-182	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
182-184	5-92	24/24	182-184	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
184-186	5-93	24/24	184-186	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
186-188	5-94	24/24	186-188	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
188-190	5-95	24/24	188-190	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
190-192	5-96	24/24	190-192	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
192-194	5-97	24/24	192-194	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
194-196	5-98	24/24	194-196	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
196-198	5-99	24/24	196-198	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
198-200	5-100	24/24	198-200	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
200-202	5-101	24/24	200-202	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
202-204	5-102	24/24	202-204	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
204-206	5-103	24/24	204-206	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
206-208	5-104	24/24	206-208	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
208-210	5-105	24/24	208-210	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
210-212	5-106	24/24	210-212	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
212-214	5-107	24/24	212-214	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
214-216	5-108	24/24	214-216	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
216-218	5-109	24/24	216-218	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
218-220	5-110	24/24	218-220	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
220-222	5-111	24/24	220-222	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
222-224	5-112	24/24	222-224	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
224-226	5-113	24/24	224-226	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
226-228	5-114	24/24	226-228	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
228-230	5-115	24/24	228-230	3	Medium dense, red-brown, fine to medium sand, little fine gravel, trace silt, no gasoline odor.	4	
230-232	5-116	24/24	230-232	3			

320 NEEDHAM ST., NEWTON UPPER FALLS, MASS.										FILE NO. 62-2	
GEOTECHNICAL/GEOPROLOGICAL CONSULTANTS										MATERIALS, INCORPORATED	
BORING CO.		C. W. & J. Associates		BORING LOCATION		DATE		DATE		DATE	
FOREMAN		W. B. B. B.		GROUND SURFACE ELEVATION		DATE START		DATE END		DATE	
GZA ENGINEER		W. B. B. B.		DATE START		DATE END		DATE		DATE	
SAMPLE: UNLESS OTHERWISE NOTED, SAMPLES CONSIST OF A 2" SPIT FROM BOREHOLE USING A CASING: UNLESS OTHERWISE NOTED, CASING DRIVEN USING 300lb HAMMER FALLING 24 in.											
CASING SIZE: 2-1/2" DIA. NEA											
OTHER:											
SAMPLE		DEPTH		BLDG. WT.		SAMPLE DESCRIPTION		STATION DESCRIPTION		REMARKS	
NO.		FT.		LB.		CLASSIFICATION		CLASSIFICATION		REMARKS	
1		0-1		25		Very dense, red-brown, fine SAND, little silt, trace fine gravel. One 4-inch layer of dark brown silt and fine SAND. Lemon fine gravel. Moderate gasoline odor.		1		1"-2" ASPHALT PAVEMENT	
2		1-2		26				2			
3		2-3		26				3			
4		3-4		26				4			
5		4-5		26				5			
6		5-6		26				6			
7		6-7		26				7			
8		7-8		26				8			
9		8-9		26				9			
10		9-10		26				10			
11		10-11		26				11			
12		11-12		26				12			
13		12-13		26				13			
14		13-14		26				14			
15		14-15		26				15			
16		15-16		26				16			
17		16-17		26				17			
18		17-18		26				18			
19		18-19		26				19			
20		19-20		26				20			
21		20-21		26				21			
22		21-22		26				22			
23		22-23		26				23			
24		23-24		26				24			
25		24-25		26				25			
26		25-26		26				26			
27		26-27		26				27			
28		27-28		26				28			
29		28-29		26				29			
30		29-30		26				30			
31		30-31		26				31			
32		31-32		26				32			
33		32-33		26				33			
34		33-34		26				34			
35		34-35		26				35			
36		35-36		26				36			
37		36-37		26				37			
38		37-38		26				38			
39		38-39		26				39			
40		39-40		26				40			
41		40-41		26				41			
42		41-42		26				42			
43		42-43		26				43			
44		43-44		26				44			
45		44-45		26				45			
46		45-46		26				46			
47		46-47		26				47			
48		47-48		26				48			
49		48-49		26				49			

[illegible]

GOLUSENS LUMIN, INC. 300 NEEDHAM ST., NEWTON UPPER FALLS, MA.
GEO/TECHNICAL/GEOHYDROLOGICAL CONSULTANTS

PROPOSED ROAD & BRIDGE
NEWTON UPPER FALLS, MASSACHUSETTS

FILE NO. G-1150
CHD BY: WEN

BORING Co.: C. WHITE ASSOCIATES
FOREMAN: M. HADEN
G.A. ENGINEER: M. HADEN

BORING LOCATION: 115.6
GROUND SURFACE ELEVATION: 115.6
DATE START: 11/6/82
DATE END: 11/6/82

SAMPLER: UNLESS OTHERWISE NOTED, SAMPLER CONSISTS OF A 2" SPURT SPOON DRIVEN USING A
MOB HAMMER FALLING 30".

CASING: UNLESS OTHERWISE NOTED, CASING DRIVEN USING 300 lb HAMMER FALLING 24 in.

CASING SIZE: 3-inch (see note 1) OTHER:

DEPTH NO.	DEPTH FT.	SAMPLE NO.	MOISTURE %	SAMPLE DESCRIPTION	REMARKS	STRATUM DESCRIPTION
1	0-2	6	10	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.	1	
2	2-4	11	20	Medium dense, red-brown, fine SAND, trace silt. Very slight gasoline odor.	1	FINE SAND
3	4-6	11	11	Loose, red-brown, fine (+) to medium SAND, trace silt. No gasoline odor.		
4	6-8	11	6	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
5	8-10	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
6	10-12	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
7	12-14	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
8	14-16	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
9	16-18	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
10	18-20	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
11	20-22	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
12	22-24	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
13	24-26	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
14	26-28	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
15	28-30	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
16	30-32	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
17	32-34	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
18	34-36	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
19	36-38	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
20	38-40	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
21	40-42	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
22	42-44	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
23	44-46	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
24	46-48	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
25	48-50	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
26	50-52	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
27	52-54	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
28	54-56	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
29	56-58	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
30	58-60	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
31	60-62	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
32	62-64	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
33	64-66	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
34	66-68	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
35	68-70	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
36	70-72	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
37	72-74	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
38	74-76	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
39	76-78	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
40	78-80	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
41	80-82	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
42	82-84	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
43	84-86	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
44	86-88	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
45	88-90	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
46	90-92	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
47	92-94	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
48	94-96	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
49	96-98	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
50	98-100	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
51	100-102	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
52	102-104	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
53	104-106	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
54	106-108	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
55	108-110	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
56	110-112	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
57	112-114	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
58	114-116	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
59	116-118	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
60	118-120	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
61	120-122	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
62	122-124	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
63	124-126	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
64	126-128	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
65	128-130	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
66	130-132	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
67	132-134	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
68	134-136	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
69	136-138	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
70	138-140	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
71	140-142	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
72	142-144	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
73	144-146	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
74	146-148	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
75	148-150	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
76	150-152	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
77	152-154	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
78	154-156	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
79	156-158	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
80	158-160	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
81	160-162	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
82	162-164	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
83	164-166	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
84	166-168	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
85	168-170	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
86	170-172	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
87	172-174	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
88	174-176	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
89	176-178	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
90	178-180	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
91	180-182	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
92	182-184	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
93	184-186	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
94	186-188	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
95	188-190	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
96	190-192	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
97	192-194	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
98	194-196	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
99	196-198	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
100	198-200	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
101	200-202	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
102	202-204	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
103	204-206	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
104	206-208	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
105	208-210	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
106	210-212	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
107	212-214	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
108	214-216	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
109	216-218	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
110	218-220	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
111	220-222	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
112	222-224	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
113	224-226	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
114	226-228	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
115	228-230	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
116	230-232	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
117	232-234	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
118	234-236	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
119	236-238	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
120	238-240	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
121	240-242	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
122	242-244	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
123	244-246	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
124	246-248	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
125	248-250	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
126	250-252	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
127	252-254	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
128	254-256	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
129	256-258	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
130	258-260	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
131	260-262	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
132	262-264	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
133	264-266	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
134	266-268	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
135	268-270	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
136	270-272	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
137	272-274	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
138	274-276	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
139	276-278	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
140	278-280	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
141	280-282	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
142	282-284	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
143	284-286	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
144	286-288	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
145	288-290	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
146	290-292	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
147	292-294	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
148	294-296	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
149	296-298	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
150	298-300	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
151	300-302	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
152	302-304	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
153	304-306	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
154	306-308	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
155	308-310	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
156	310-312	11	7	Medium dense, red-brown, fine SAND, trace silt. Slight gasoline odor.		
157						

43547

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ENVIRONMENTAL SITE ASSESSMENT
BROAD STREET PARKADE
MANCHESTER, CONNECTICUT

MR. DAVID LOCKE
C/O FNM TRUST
MANLEY-BERENSON ASSOCIATES
MANAGING AGENTS
66 LONG WHARF DRIVE
BOSTON, MASSACHUSETTS 02110

MARCH 20, 1992
Prepared by:
HEYNEN TEALE ENGINEERS
2455 A BOSTON POST ROAD
GUILFORD, CONNECTICUT 06437

PROJECT NO: C-1515

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Mr. David Locke
FNM Trust
C/O Manley-Berenson Associates
Managing Agents
66 Long Wharf Drive
Boston, Massachusetts 02110
Re: Environmental Site Assessment
Broad Street Parkade
Manchester, Connecticut
Dear Mr. Locke:

March 20, 1992
Project No.: C-1515

Heynen Teale Engineers is pleased to submit herewith our environmental site assessment for the above-referenced site. We trust that our findings and conclusions outlined in this report will be responsive to your needs at this time.

We appreciate the opportunity to be of continued service to your office. Please do not hesitate to contact us if you need any further assistance.

Sincerely,

HEYNEN TEALE ENGINEERS

Alan C. Young, P.E.
Alan C. Young, P.E.
Geologist
Kristie A. Ferreira
Project Manager
Bryan M. Heynen, P.R.
President
ACT/ann/739

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FIGURES

Figure 1	Locus Plan
Figure 2	Site Plan
Figure 3	DEP Bulletin No. 4 Public Water Supply Map

APPENDICES

Appendix A	Limitations
Appendix B	DEP Correspondence

Mr. David Locke
FMN Trust

March 20, 1991
Project No: C-1515

1.0 INTRODUCTION

In accordance with our proposal dated January 29, 1992, Heynen Teale Engineers (HTE) is pleased to submit herewith our environmental site assessment of the property located at 330 Broad Street, Manchester, Connecticut. The purpose of this environmental site assessment is to render an opinion regarding the presence of hazardous materials in the environment at the subject property within the meaning of Connecticut Public Act 85-443 ("Super Lien Law").

1.1 Scope of Services:

The scope of services performed by Heynen Teale Engineers for this environmental site assessment consisted of the following:

- 1) The subject site was visually observed for physical evidence suggesting the presence of hazardous materials in the environment.
- 2) Certain local, state, and federal agencies were contacted and available files were reviewed to obtain information regarding the presence of hazardous materials in the environment at the subject site.
- 3) Available ownership records and town historical information were reviewed to aid in establishing current and prior site usage.
- 4) The general hydrogeologic setting was inferred based on field observations and topographical information. Available geological and water supply information was reviewed.
- 5) The building structure was non-intrusively assessed for the presence of asbestos-containing materials (ACMs).
- 6) Preparation of this report which summarizes the work performed as well as our opinion regarding the presence of hazardous materials in the site environment.

Mr. David Locke
FMN Trust

March 20, 1991
Project No: C-1515

2.0

SITE DESCRIPTION

2.1

Site Location and Assessor's Office Identification: The subject property is located at 330 Broad Street and is identified as Parcels 3, 4, 4A, 5, 6, and 10 on Maps 1 and 5 in the Manchester Assessor's Office.

Location of the subject property is shown on the USGS Quadrangle for Manchester and is presented in the locus plan enclosed as Figure 1.

2.2

Size of Parcel: The site is an irregularly-shaped parcel which contains approximately 20.91 acres of land. A site plan (based on a map provided by Manley-Berenson Associates) is enclosed as Figure 2.

2.3

Number and Type Of Structures On Property: The subject property contains a commercial shopping center occupied by retail stores and State of Connecticut offices. With the exception of Stop & Shop, which was constructed circa 1983, the shopping center office space was constructed circa 1969.

2.4

Local/Adjacent Land Use (Zoning): The subject property is located in a general commercial zone of Manchester.

2.5

Adjacent Properties:

North: Green Manor Boulevard, across which are located Sear's Automotive and part of Manchester Parkade (which previously contained Sear's and currently contains offices and retail stores).

East: The old Manchester Post Office (now vacant) and Broad Street, across which are located the following: Speedy Muffler King, Oak Grove Furniture Refinishing, Nichols Auto Body, Penzoi 10-Minute Economy Oil Change, The Restoration Shop, K-B Automotive, Goodyear Auto Service, Barrett Plumbing Supply Company, Manchester Professional Park and Mechanics Savings Bank.

South: Mr. Auto Car Wash and Bigelow Brook, across which is located St. James Cemetery.

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West: UA Theater and associated parking.

2.6 Site Utilities: The site is serviced by all public utilities including municipal water, sewer and gas, electric and telephone services.

3.0

SITE FEATURES:

3.1 Surficial Geology: A description of the surficial geology of the subject site was obtained from the Geologic Map of the Manchester Quadrangle by Roger B. Colton, 1965. Surficial sediments are mapped as collapsed drift deposits, composed of stratified sand and gravel.

3.2 Bedrock Geology: A description of the bedrock geology of the subject site was obtained from the Geologic Map of the Manchester Quadrangle by Roger B. Colton, 1965. The bedrock is identified as the Portland Arkose, a reddish-brown and gray arkosic siltstone, sandstone and conglomerate.

3.3 Site Topography and Inferred Groundwater Flow

Direction: The topographic setting at the site can be described as a lowland situated approximately 130 - 150 feet above sea level. Surface topography slopes gradually towards the south and southwest. Based on the surrounding surface topography and the direction of flow of the adjacent Bigelow Brook, the general direction of the local groundwater flow is inferred to be towards the west-southwest.

The actual direction of groundwater migration may be different because other factors in addition to the surface topography influence the direction of groundwater migration. Generally, groundwater flows downhill with local changes near bodies of surface water and contrasting rock types. The presence of subsurface structures, impervious surfaces and the character of the subsurface stratigraphy will also influence the direction of groundwater movement locally.

3.4

Ground Cover: Most of the subject property is covered by the shopping center structure and associated asphalt-paved parking lot. The southwestern portion of the property is covered by Bigelow Brook and adjacent brush.

3.5

Site Drainage: Catch basins were observed throughout the paved parking lot and reportedly discharge to Bigelow Brook.

3.6

Groundwater Classification: Groundwater at the project site is classified as GB. Based on the Connecticut Water Quality Standards and Criteria, the following applies:

GB - Groundwater within highly urbanized areas of intense industrial activities and where public water is available. May not be suitable for direct human consumption due to waste discharges, spills or leaks of chemicals or land use impacts. Goal is to prevent further degradation by preventing additional discharge.

3.7

Water Supply Sources:

a) Public Water Supplies: Based on the Public Water Supply Sources and Drainage Basins of Connecticut (DEP Bulletin Number 4), there are no public water supply sources within a one-half mile radius of the site. The Public Water Supply map is presented as Figure 3.

b) On-Site Groundwater Wells: None reported or observed.

4.0

SITE HISTORY

4.1 Town Assessor's Office Field Card Ownership Information:

<u>Owner</u>	<u>Date of Acquisition</u>
Joel B. Wilder Tr., et als. c/o Manley-Berenson Assoc.	December 30, 1981

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4.2 **Present Use:** The subject property is currently utilized as a commercial shopping plaza and office space for the Connecticut Department of Income Maintenance.

4.3 **Former Use:** According to Mr. Bolduk, the Broad Street Parkade was previously part of the Manchester Parkade (which is located across Green Manor Boulevard to the north). Research of the site history included a review of Manchester City Directories and aerial photographs. Although the Manchester assessor's field card identifies the property as 330 Broad Street, the 1990 Manchester Directory lists the retail stores located in the Broad Street Parkade as 324-340 Broad Street. Retail stores are listed at these addresses dating back to 1969. The 1970 and 1980 Manchester Directories also list Hess Gasoline Service Station at 334 Broad Street, indicating its previous existence on the subject property.

Aerial photographs showing the subject property were reviewed and are summarized below:

1965: The Broad Street Parkade had not yet been constructed, but the car wash adjacent to the south was shown and the post office adjacent to the north and east was shown. The Manchester Parkade, Sear's (which is now partially demolished) and Sear's Automotive were shown north of the subject property. A small structure of unknown function was shown on the eastern edge of the subject property, adjacent to Broad Street. The remainder of the subject property appeared to have been unclear.

1975: The subject property appeared as it does today with the exception of a small cluster of structures (presumably the Hess Gasoline Service Station) located where Stop and Shop currently exists.

1980: Same as 1975.

1986: The Hess Gasoline Service Station had been razed. Stop and Shop was shown on the previous location of the Hess Station.

- a) History of hazardous materials usage and storage on site: No specific information was available regarding hazardous material usage and storage on the subject property. However, the gasoline service station previously located on site stored gasoline in underground storage tanks (USTs) and may have stored and used other hazardous materials.
- b) History of hazardous waste generation and storage on site: No record
- c) History of hazardous waste disposal methods used on site: No record

5.0

SITE OBSERVATIONS

5.1 **Personnel Involved and Date of Site Visit:** On March 6, 1992, Ms. Alane Young of Heynen Teale Engineers visited the subject site in order to observe surficial conditions at the site and areas abutting the site for visual evidence of the presence of hazardous materials. Ms. Young was accompanied by Mr. Tim Bolduk, property manager for Manley-Berenson Associates. Pertinent observations are described below in Section 5.3.

5.2

Site Observation Constraints: None

5.3

Site Description: The 21-acre property is improved with a 250,000 square-foot shopping center known as Broad Street Parkade and associated paved parking. The commercial units are heated by gas roof-top units and electric heat, and are cooled by roof-top and pad-mounted air conditioning units. At the time of our site visit the following businesses were located in the Broad Street Parkade: Stop and Shop, Bradlee's, Hobbytime, Records Unlimited, J. Ann Fabrics, Fashion Bug, Thom McAnn, Card Gallery, and State of Connecticut Department of Income Maintenance. Marshall's, Unique, June's Accessories, Northeast Savings Bank, Command Performance Hair

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Salon, and CVS Pharmacy were located in the Marshall's enclosed mall portion of the Broad Street Parade. There were six vacant commercial units at the time of our visit.

Mr. Bolduk indicated that each store is responsible for their own maintenance and cleaning, and most of the large stores contract cleaning services who bring their own cleaning supplies onto the site. Minor quantities of cleaning supplies were observed in the janitorial closets of Marshall's, the Connecticut Department of Income Maintenance, and the Marshall's enclosed mall. A vacant unit in the Marshall's enclosed Mall is currently being utilized for storage of furniture and maintenance supplies including paint thinner, WD-40 and approximately 15 one-gallon cans of paint. No leakage was observed from any of the maintenance supplies. A loading dock area at the rear of the vacant unit contained ice melt crystals, cans of paint, and a lawnmower.

Hydraulic trash compactors (which appeared to have no subsurface components) are utilized by Marshall's, Bradlee's, and Stop & Shop. Hydraulic oil stains were observed adjacent to all four compactors. Hydraulic lifts (which may contain subsurface components) are located adjacent to Stop & Shop and are used for off-loading cargo from trucks.

One pole-mounted and three pad-mounted utility-owned transformers were observed on the property. No leakage was observed from any of the transformers.

5.4

Petroleum Product And Raw Chemical Storage: Hydraulic oil is contained within four hydraulic trash compactors observed on the subject property, one adjacent to Marshall's, one adjacent to Bradlee's, and two adjacent to Stop & Shop. Hydraulic lifts for off-loading cargo from trucks were observed adjacent to Stop & Shop.

5.5

Hazardous Waste Generation And Disposal: No hazardous wastes were observed or reported to be generated on the subject property.

5.6 Visual Indications Of Contamination Of Building Interiors: None observed

5.7 Visual Indications Of Contamination Of Outside Grounds: Minor hydraulic oil leaks were observed adjacent to the hydraulic trash compactors located adjacent to the Stop & Shop, Bradlee's, and Marshall's.

Visual Indications Of Contamination Of Outside Grounds: Minor hydraulic oil leaks were observed adjacent to the hydraulic trash compactors located adjacent to the Stop & Shop, Bradlee's, and Marshall's.

5.8 Solid Waste Or Hazardous Waste Deposits Observed On Site: Construction debris (including what appeared to be ceiling panels) were observed in and adjacent to Bigelow Brook.

5.9 Potential On-site Sources Of Contamination Observed During Site Observations: The four hydraulic trash compactors represent potential on-site sources of contamination.

5.10 Potential Off-site Sources Of Contamination Observed During Site Observations: Many abutting properties represent potential off-site sources of contamination: Seat's Automotive, Nichols Auto Body, Oak Grove Furniture Refinishing, Speedy Wrecker King, Pennzoil 10-Minute Economy Oil Change, The Restoration Shop, K-B Automotive, and Goodyear Auto Service. Pennzoil 10-Minute Economy Oil, located at 315 Broad Street, is a RCRA Notifier, is on the CERCLIS list, and is on the Leaking Underground Storage Tank list (LUST).

5.11 Asbestos-Containing Materials (ACMs): Based upon the age of the building, circa 1969, there is a possibility that ACMs were used in construction of the building. However, no materials that appeared to contain asbestos were observed during the site visit.

5.12 Dielectric Fluid Containing Electrical Devices: Fluorescent lighting fixtures were observed throughout the building structure, but were not readily accessible for close observation of the starting units due to their height. Some of the older fluorescent lighting fixtures' starter units may contain dielectric fluids, which could potentially contain polychlorinated biphenyls (PCBs). No leakage was observed from any of the fluorescent lighting fixtures.

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Three utility-owned pad-mounted transformers and one pole-mounted transformer are located on the subject property. According to CLAP, the transformers have not been tested for the presence of PCBs. No leakage was observed from the transformers.

5.13 Floor Drains: None observed

5.14 Other Possible Sources of Contamination: None observed

6.0 REGULATORY FILE REVIEW

6.1 Site Federal Regulatory Identification:

- a) EPA ID Number: Not applicable
- b) RCRA Notification Status: Not listed
- c) CERCLIS Status: Not listed

6.2 RCRA Notifiers Within a Quarter-Mile Radius of the

Subject Site: Based on the RCRA Notifiers listing dated July 22, 1991, there are three RCRA Notifiers within a quarter-mile radius of the subject site. They are:

Name	Location	Generator Status
DeCormier Motor Sales, Inc.	285 Broad Street Manchester	Small quantity generator CTD 018704031
Economy Oil Change, Inc.	315 Broad Street Manchester	Small quantity generator CTD 983875758
R.T. Coach Works	244 Broad Street	Small quantity generator CTD 981885684

6.3 CERCLIS Sites Within a Quarter-Mile Radius of the Subject

Site: Based on the CERCLIS List-8 dated March 30, 1991, there is one CERCLIS site within a quarter-mile radius of the subject site. It is: Ability Machine & Tool Company located at 315 Broad Street (now occupied by Pennzoil 10-Minute Economy Oil Change).

6.4 Leachate and Wastewater Discharge Sources within a Half-Mile Radius of the Subject Site: Based on the

Connecticut Department of Environmental Protection (CT-DEP) October, 1988 Leachate and Wastewater Discharge Sources Map for the Connecticut River Basin, there are no discharge sources located within a half-mile radius of the subject property.

6.5 DEP File Review: Ms. Young visited the CT-DEP on March

12, 1992 and reviewed the following CT-DEP files in each of the following CT-DEP units: Water Management Bureau, Waste Engineering and Enforcement Division (WRED), Underground Storage Tank (UST) Section, Leaking Underground Storage Tank Section (LUST), Oil and Chemical Spills Response Division (OCSRD), Solid Waste and Superfund Section. The CT-DEP Inventory of Hazardous Waste Sites in Connecticut updated through October 1, 1991, was also reviewed.

- a) Subject Property: The OCSRD contained the following incident reports for the subject property:

4/28/81: Orange dye observed in Bigelow Brook near the subject property.

3/4/83: Release of approximately 250 gallons of gasoline at the Super Stop and Shop on Broad Street. The discharger is listed as "Bess or Mercury Oil" and the causes of release are listed as unknown, inground tank failure and transfer line failure. Corrective actions are listed as "evaporated, removed tank, removed, referred". Goldberg-Zolno Consultants (now GZA, Inc.) was hired by the discharger.

6/12/85: Bluish-white discharge observed in Bigelow Brook near the subject property.

7/16/91: One gallon of hydraulic oil was released at Stop and Shop on Broad Street due to hose failure. The spill was reportedly removed.

The WRED files contained correspondence dated April 18, 1983, concerning the disposal of approximately

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March 20, 1991
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4,000 cubic yards of soil from the Stop and Shop site prior to construction of the Stop and Shop structure. The letter referred to chemical analyses provided by Stop and Shop, Inc., a letter dated March 23, 1983, from GZA, Inc. to Stop and Shop, and a report entitled "Proposed Stop and Shop Site, Manchester, Connecticut" dated February, 1983 prepared by GZA, Inc. A copy of the letter is enclosed as Appendix B. None of these documents could be located in the CT-DEP files. Stop and Shop management offices in North Haven, Connecticut and Boston, Massachusetts were contacted in an attempt to review the report prepared by GZA, Inc. The report could not be located.

The WERD files also contained a note regarding a historic dump site on Broad Street. However, no supporting documentation was found in the WERD and Solid Waste files.

b) Abutting Properties: The OCSRSD files contained incident reports dated April 28, 1981, (concerning random dumping of paints, etc.) and April 9, 1991 (report of illegal dumping of three 55-gallon drums of chemical liquids) at Channel Hardware. According to Mr. Boiduk, Channel Hardware was located in the portion of Manchester Parkade located north of Green Manor Boulevard.

The UST Section files contained the following information concerning registered USTs on abutting properties.

USTs Registered for Sear's Automotive

Tank	Installed	Capacity (Gallons)	Contents	Tank Material	Life Expectancy	Last Used
1	5/63 A	5,000	Waste oil	Steel	5/78	1/91
2	5/63 A	5,000	Gasoline	Steel	5/78	6/72
3	5/63 A	5,000	Gasoline	Steel	5/78	6/72
4	5/63 A	5,000	Gasoline	Steel	5/78	6/72
5	5/63 A	5,000	Gasoline	Steel	5/78	6/72
6	5/63 A	5,000	Gasoline	Steel	5/78	6/72
7	5/56 A	10,000	Heating Oil (# 4)	Steel	5/71	1/84

A = Abandoned

Mr. David Locke
FMN Trust

March 20, 1991
Project No: C-1515

Note: The UST Unit files indicated that all of the tanks except tank # 7 were improperly abandoned. However, correspondence dated October 2, 1987 from the OCSRSD indicated that "the owners are now in compliance with State Statutes and NREPA 30 due to the removal of the six (6) 5,000-gallon and one (1) 10,000-gallon abandoned underground petroleum storage tanks".

An OCSRSD emergency incident report dated July 9, 1986, discussed the ongoing release of # 2 fuel oil at "Manchester Parkade" due to inground tank failure. There is a notation that tank removal was scheduled for 7/14/86. The site address is listed as 300 Broad Street, so this report is probably in reference to the USTs located at Sear's Automotive.

USTs Registered for Gentle Touch Car Wash (Mr. Auto Car Wash)

Tank	Installed	Capacity (Gallons)	Contents	Tank Material	Life Expectancy
A1	8/69	10,000 T	Oil/petro	Steel	8/84
B2	8/69	10,000 T	Oil/petro	Steel	8/84
C3	8/69	10,000 T	Oil/petro	Steel	8/84

T = Temporarily out of service

USTs Registered for Capitol Tire (Goodyear Auto Service)

Tank	Installed	Capacity (Gallons)	Contents	Tank Material	Life Expectancy
A1	1/73	550 U	Oil/petro	Steel	1/88

U = In use

Although not registered with the UST Section, pennzoil 10-Minute Economy Oil Change (located at 315 Broad Street across Broad Street to the east of the subject property) is on the UST list. The site contained three steel gasoline USTs (two 6,000-gallon USTs and one 4,000-gallon UST). Soil removal and monitoring was conducted on the site.

One abutting property is listed in the CT-DEP Inventory of Hazardous Waste Sites in Connecticut. It is Ability Machine and Tool, located at 315 R Broad Street (currently occupied by Pennzoil 10-Minute Economy Oil Change). Metals contamination reportedly resulted from daily discharge of 30 gallons per day to a drywell. The drywell was used until 1984 when the company moved.

6.6 Town Fire Marshal's Office Files: During a telephone interview on March 9, 1992, Deputy Chief Fire Marshal Rudy Kilsman indicated that the Broad Street area has a history of environmental problems. According to Mr. Kilsman, the Town of Manchester dump was located along Broad Street, and United Technology reportedly dumped wastes on Broad Street. He also recalled a problem with a Hess gasoline station in the vicinity of the subject site" (which was actually the Hess Station located on the subject site) and mentioned that Sear's Automotive had underground petroleum storage tanks across Green Manor Boulevard to the north and reportedly discharged waste oil to Bigelow Brook.

7.0

CONCLUSIONS AND RECOMMENDATIONS

7.1 Conclusions: Based on the studies conducted and observations made as part of the present site assessment, we have prepared the following conclusions:

- 1) Groundwater at the subject site is classified as GR and as such may not be suitable for public or private use as drinking water without treatment. Groundwater is inferred to move primarily towards the west-southwest.
- 2) A Hess Gasoline Service Station was located on the subject site from circa 1970 until circa 1983. Available data indicate that USF failure resulted in the release of gasoline to the subsurface. Approximately 4,000 cubic yards of contaminated soil were removed from the subject site prior to the construction of Stop and Shop.
- 3) The following adjacent sites are considered to have a potential to affect the subject property with regard

to hazardous waste contamination due to their general industrial nature and upgradient location: Sear's Automotive, Nichols Auto Body, Oak Grove Furniture Refinishing, Speedy Muffler King, Pennzoil 10-Minute Economy Oil Change, The Restoration Shop, K-B Automotive, and Goodyear Auto Service. Pennzoil 10-Minute Economy Oil, located at 315 Broad Street, is a RCRA Notifier, is on the CERCLIS list, and is on the Leaking Underground Storage Tank list (LUST).

- 4) Three abutting properties (Sear's Automotive, Mr. Auto Car Wash, Pennzoil 10-Minute Economy Oil Change and Capitol Tire/Goodyear Auto Service) have histories of USFs. Six of the seven USFs owned by Sear's Automotive were originally improperly abandoned, but all seven have reportedly been removed. There is evidence that at least one of the USFs of Sear's Automotive failed. The USFs located at Mr. Auto Car Wash are currently eight years beyond their life expectancies and are temporarily out of service. The USF located at Goodyear Auto Service is four years beyond its life expectancy and is in use. At least one of the three USFs located at Pennzoil 10-Minute Economy Oil Change failed and resulted in soil and possibly groundwater contamination.

- 5) The Broad Street area of Manchester was a historic dump site, according to information provided by the Manchester Fire Marshal's office and CT-DEP WEED files.
- 6) No likely ACNs were observed during the site visit. However, considering the age of the building (circa 1969), it is possible that ACNs may exist within the building that could not be observed or sampled at the time of our site visit.
- 7) Owing to the fact that no information was available concerning hazardous waste generation by Hess Service Station, there is insufficient evidence to conclude whether or not the subject property may be considered an "establishment" as defined in Section 22a-134 of the Connecticut General Statutes.

Mr. David Locke
FMN Trust

March 20, 1991
Project No: C-1515

8) Based on the previous existence of a gasoline service station, the evidence of failed underground petroleum storage tanks on the subject property, it is our opinion that a remediation liability could exist at the subject site as defined by the intent and meaning of Connecticut Public Act 85-443 ("Super Lien Law").

7.2 Recommendations: Based on the above conclusions, we have prepared the following recommendations:

1) Based on the previous existence of a gasoline service station and history of underground petroleum storage tanks, as well as the numerous potential off-site sources of contamination, we recommend that subsurface investigations utilizing a soil vapor survey and test borings with monitoring well installation be performed on the site to determine if subsurface contamination exists. A proposal for these investigations is submitted under separate cover with this report.

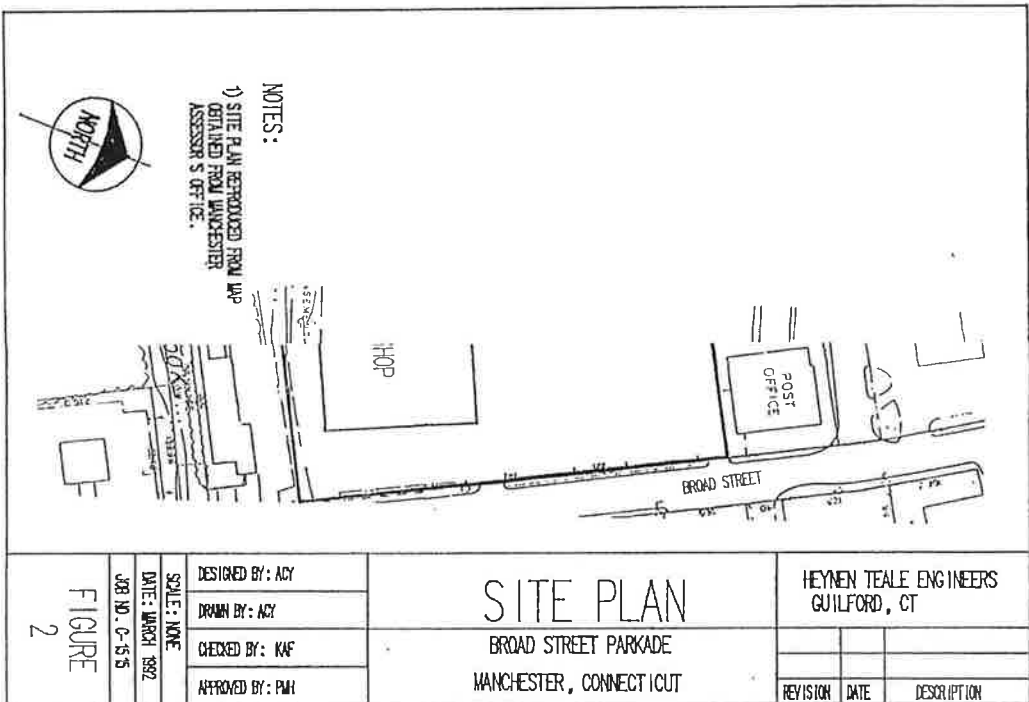
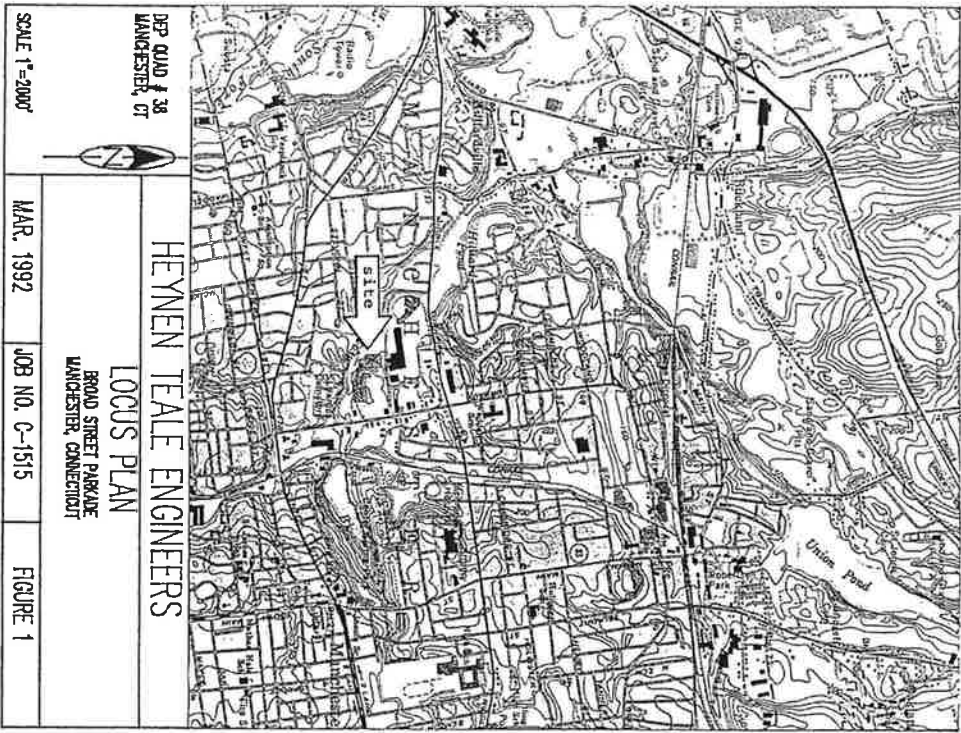
2) We recommend that at such time as the building is razed or demolished, a complete and thorough asbestos evaluation be conducted.

8.0 LIMITATIONS

Please note that this report is subject to limitations contained in Appendix A.

This study and report have been prepared on behalf of and for the exclusive use of FMN Trust solely for use in a preliminary environmental evaluation of the site. The report and findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party, in whole or in part, without prior written consent of Heynen Teale Engineers. However, we acknowledge and agree that the report may be conveyed to the title insurer and legal counsel associated with the proximate transaction of the site.

FIGURES



LIMITATIONS

- 1) The services performed and outlined herein were based, in part, upon visual observations of the site and attendant structures. Our opinion cannot be extended to portions of the site which were unavailable for direct observation. This includes interior and exterior areas obstructed by objects or coverings at the time of our site observations.
- 2) Our visual observations relating to hazardous materials in the environment at the site are described in this report. Where testing was performed, it was executed in accordance with our contract for these services. The testing and analyses of only those compounds or materials specified in our contract for services was performed. It should be noted that other compounds or materials not tested for may be present in the site environment.
- 3) The work performed in this report was carried out in accordance with the Standard Terms and Conditions made part of our contract. The conclusions presented herein are based solely upon the scope of services described in our contract and the time and budgetary constraints imposed by the contract.
- 4) The site history research performed herein relies on information supplied by local and state agencies. No attempt has been made to independently verify the accuracy of such information.
- 5) The conclusions of this report are based, in part, on the information provided by others as outlined herein and on the limited number, if any, of subsurface explorations and sampling points, as well as analyses and tests performed. The possibility remains that unexpected environmental conditions may be encountered at the site at locations not explored. Should such an event occur we should be notified in order that we may determine if modifications to our conclusions are necessary.
- 6) We have prepared this report in accordance with generally accepted geotechnical and hydrogeologic practices, and make no other warranties, either expressed or implied, as the professional services provided under the terms of our contract and included in this report.
- 7) It is recommended that this firm be provided the opportunity to provide further geotechnical and hydrogeological services during construction and/or the implementation of any remedial measures recommended herein. This will allow Heynon Teale Engineers to observe compliance with the conclusions and recommendations contained herein and to allow for design changes as necessary to suit field conditions as they are encountered.

APPENDIX B



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

APRIL 18, 1983

46 FYI



Stop & Shop, Inc.
Construction Department
Post Office Box 369
Boston, Massachusetts 02101

Attention: Mr. Milton Kasner

RE: Disposal of approximately 4000 Cu. Yd of soils from the Stop & Shop Site at
Manchester, Connecticut

Dear Mr. Kasner:

Contaminated soils being removed from the Stop and Shop site in Manchester may be managed and disposed of as a solid waste. These soils may be used as daily or intermediate cover at any permitted solid waste disposal area with the exception of bulky waste disposal areas. The hauler of the soils doesn't require any permits or licenses from this Department. This decision is contingent upon:

1. Stop & Shop contacting this office 48 hours prior to removing any soils; and
2. Testing procedures as outlined in a letter dated March 23, 1983, GZA, Inc. to Stop & Shop, Inc. being adhered to.

This approval is based upon criteria contained in Part 261 of Section 40 of the Code of Federal Regulations, chemical analyses provided by Stop & Shop, Inc., a letter dated March 23, 1983 from GZA, Inc. to Stop & Shop, and report entitled "Proposed Stop & Shop site, Manchester, Connecticut" dated February 1983, prepared by GZA, Inc.

Should you have any questions, feel free to contact me at 566-4869.

Very truly yours,

Barry L. Piboux
Barry L. Piboux
Senior Secretary Engineer
Hazardous Waste Management Section

BIG:et
cc: G. Kandra - Manchester, Director
of Public
W.G. Williams - GZA, Inc.
B. Coas - DEP, Oil & Chemical Spills
Section

C. Kurker - Solid Waste Mgmt. Unit

Phone:
165 Capitol Avenue • Hartford, Connecticut 06106
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PEASE II ENVIRONMENTAL SITE ASSESSMENT
BROAD STREET PARADE
330 BROAD STREET
MANCHESTER, CONNECTICUT

Prepared for:

FHN TRUST
MANLEY-BERENSON ASSOCIATES, INC.
NANAGING AGENTS
66 LONG WARE DRIVE
BOSTON, MASSACHUSETTS

JUNE 25, 1993

Prepared by:

BEYNEN TEALE ENGINEERS
2455-A BOSTON POST ROAD
GUILFORD, CONNECTICUT 06437

PROJECT NO: C-1515A

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GEOTECHNICAL ENGINEERING
HYDROLOGICAL

EMN Trust
Manley-Berenson Associates, Inc. Project No.: C-1515A
66 Long Wharf Drive
Boston, Massachusetts

RE: Phase II Environmental Site Assessment
Broad Street Parkade
330 Broad Street
Manchester, Connecticut

Dear Mr. Locke:

Heynen Teale Engineers (HTE) is pleased to submit herewith our environmental site assessment for the above-referenced site. We trust that our findings and conclusions outlined in this report will be responsive to your needs at this time.

We appreciate the opportunity to be of service to your office. Please do not hesitate to contact us if you need any further assistance.

Sincerely,

HEYNEN TEALE ENGINEERS

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David L. Seliger, E.I.T.
Environmental Engineer

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FIGURES

Figure 1

Site Plan

TABLES

Table 1

Summary of Water Quality Parameters and Static Water Table Elevations

Table 2

Summary of OVM Screening

APPENDICES

- Appendix A Test Boring Logs
- Appendix B Soil Analyses
- Appendix C Groundwater Analyses
- Appendix D Limitations

1.0 INTRODUCTION

Hayden Teale Engineers (HTE) is pleased to submit herewith our Phase II environmental site assessment of the property located at 330 Broad Street in Manchester, Connecticut. The purpose of this environmental site assessment is to render an opinion regarding the presence of hazardous materials in the environment at the subject property within the meaning of the Connecticut Public Act 85-443 ("Super Lien Law").

A Phase I environmental site assessment (ESA) was performed in March 1992 for the subject property by HTE. The findings of the report were as follows:

The subject site contains a commercial shopping plaza occupied by a Stop & Shop, Bradlees, State of Connecticut Department of Income and Maintenance, and other miscellaneous shops. The portion of the plaza occupied by Stop & Shop during the Phase I ESA is currently vacant. Mr. B. Coss of the Department of Environmental Protection (DEP) Oil and Chemical Spills Response Division (OCSRD) confirmed that a Hess Gasoline Service Station was located on the subject property where the vacant building currently stands. This station was reported to have had a release of gasoline in 1983 and there is an indication that an UST was removed as part of the corrective action for this release. Approximately 4000 cubic yards of contaminated soil were removed from the subject site during construction activities in 1983. Mr. Coss also confirmed that contaminated soil from petroleum products associated with the gasoline station were removed during construction of the Stop & Shop building in 1983. No other information regarding the contamination or soil removal was made available to HTE.

A number of possible off site sources of subsurface contamination were determined to be potentially upgradient of the subject site. These sources include Nichols Autobody, Oak Grove Furniture Refinishing, Speedy Muffler King, The Restoration Shop, K-B Automotive, Goodyear Auto Service, Sears Automotive, and Pennzoil 10-Minute Economy Oil Change. Sears Automotive had seven USTs which were removed in 1987. In 1986, one of these USTs was reported to have been releasing #2 fuel oil. Pennzoil 10-Minute Economy Oil Change (Pennzoil) is listed as a CERCLIS site. This listing is a result of the Ability Machine & Tool Company, which was located at this site before Pennzoil. This company discharged heavy metals to a drywell until 1964 when the company moved. Pennzoil is also reported to have three gasoline USTs; one of which was a leaking UST. This and two other tanks, as well as contaminated soil, were removed from the Pennzoil property.

PMN Trust

June 25, 1993
Project No.: C-1515A

Groundwater at the subject site is classified by the Department of Environmental Protection (DEP) as GB and as such the groundwater may not be suitable for public or private drinking water use.

Hayden Teale Engineers was retained on April 12, 1993 to perform a Phase II environmental site assessment on the subject property. The following scope of services were performed as part of this investigation to assess the site subsurface for the presence of hazardous wastes within the meaning of Connecticut General Statutes Section 22a-432a (Super Lien Law):

- 1) One day of test boring explorations were conducted at the subject site with the installation of four monitoring wells designated as MW-1 through MW-4 (see Figure 1). Groundwater monitoring wells were installed in all test borings. The purpose of the test boring explorations and monitoring well installations was to obtain selected soil and groundwater samples for field screening and laboratory analysis as described below.
- 2) Soil samples were collected in advance of the test boring using a split spoon sampler. Each split spoon sample was visually inspected and classified according to the Barnister soil classification system. A portion of the split spoon sample was placed in a glass jar and stored on ice for subsequent screening of total volatile organic compound (VOC) concentrations.
- 3) Four soil samples were further analyzed for components of the Environmental Protection Agency (EPA) Target Compound List (TCL) VOCs. Four soil samples, one per test boring location, were analyzed for total petroleum hydrocarbons.
- 4) Groundwater samples from monitoring wells MW-1 through MW-4 were collected and tested in the field for pH, conductivity and temperature. In addition, one groundwater sample from each monitoring well was analyzed for the EPA TCL VOCs and for hydrocarbons characteristic of gasoline, diesel and fuel oil. In addition, four groundwater samples were analyzed for the eight Resource Conservation and Recovery Act (RCRA) metals.



- 5) Monitoring wells were surveyed and water level measurements obtained to assess groundwater flow direction on the property.
 - 6) This report was prepared, which summarizes the findings and data obtained in items 1 through 5 above.
- 2.0 SUBSURFACE EXPLORATIONS:**

Subsurface explorations consisting of four test borings (designated MW-1 through MW-4) were performed on the subject property as part of the current environmental site assessment in order to explore subsurface conditions and to obtain soil and groundwater samples. Groundwater monitoring wells were installed in each test boring.

2.1

Test Boring Methods: Test borings were performed by Connecticut Test Borings, Inc. (CTBI) of Seymour, Connecticut on May 21, 1993 under the observation of Heynen Teale Engineers. The test boring locations are shown on Figure 1 and the logs of the test borings prepared by CTBI are enclosed in Appendix A.

Test borings were performed using 4-1/4 inch inside diameter (I.D.) hollow stem augers. Borings were drilled without the introduction of drilling fluids. Split spoon samples were obtained in advance of the auger at the surface and at 5-foot intervals. Soil in each split spoon sample was visually inspected and classified and a portion was placed in a glass jar for subsequent OVM screening and laboratory analysis. Standard Penetration Tests (SPTs) were performed as part of the split spoon sampling to determine standard penetration resistance, which is a measure of in-situ soil density. The SPT consists of driving the split spoon sampler with a 140-pound hammer falling 30 inches. The blows for each six inches of penetration were recorded for a total of 24 inches of penetration.

2.2

Monitoring Well Installation Methods: Groundwater monitoring wells were constructed using two-inch outside diameter PVC well material consisting of a section of slotted well screen with 0.01 inch wide slots and a section of solid riser with an expandable locking well cap. PVC attachments were completed without the use of cement or other glues.



The annulus between the PVC well screen and the borehole was backfilled with clean filter sand. A 12-inch thick bentonite seal was installed above the well screen to prevent surface runoff from traveling vertically downward along the well periphery. A well cap with a steel protective sleeve was concreted over each PVC pipe to protect the wells from damage and vandalism. Well logs are enclosed with the test boring logs in Appendix A.

3.0 SAMPLE COLLECTION AND ANALYSIS METHODS

3.1

Soil Collection and Analysis: Soil samples were obtained from each split spoon sampler and were sealed in precleaned 8-ounce glass jars. Sample jars were placed in a cooler for transportation to the laboratory. Soil samples were screened in the laboratory for total concentrations of VOCs using an OVM. Sample identification depth and OVM results are presented in Table 2. Four soil samples, MW-1 (5 to 7 feet), MW-2 (0.5 to 2.5 feet), MW-3 (5 to 7 feet), MW-4 (0.5 to 2.5 feet), were further analyzed for EPA TCL halogenated hydrocarbons and aromatic hydrocarbons using EPA Methods 8010 and 8020 and for total petroleum hydrocarbons per EPA Method 418.1.

3.2

Groundwater Collection and Analysis: Groundwater samples were collected on April 27, 1993, from each of the monitoring wells. A disposable polyethylene bailer with a ball check valve was initially inserted into each monitoring well and the groundwater sample was subsequently placed in a glass beaker in order to check for the presence of a petroleum product floating layer. A floating layer was not observed in any of the monitoring wells using this method.

After checking for a floating layer, a volume of water corresponding to approximately five well volumes was evacuated from each monitoring well in order to remove stagnant water and to allow the wells to recharge with a representative flush of groundwater. The monitoring wells were evacuated using the above-mentioned dedicated bailers.



Groundwater samples obtained for analysis of volatile organic compounds were collected from each well and placed in laboratory-cleaned 40-milliliter (ml) glass vials with teflon septums. Samples were analyzed for EPA TCL halogenated hydrocarbons and aromatic hydrocarbons using EPA Methods 601 and 602. The Method 602 gas chromatograph scan was visually interpreted to estimate potential concentrations of petroleum hydrocarbons characteristic of gasoline, diesel, fuel oil, and kerosene. Groundwater samples obtained for analysis of metals were collected from each well and placed in disposable 1-quart plastic containers. All samples were stored in a cooler for transport to the laboratory. Samples were analyzed at Connecticut Testing Laboratories (CTL) in Meriden, Connecticut.

4.0 SOIL CLASSIFICATION AND GROUNDWATER TABLE OBSERVATIONS

Soil samples obtained from the test borings were visually classified in the field by RTE in accordance with the Burnmaster System. The test boring logs are enclosed in Appendix A.

Soils on site generally consisted of red brown, fine to coarse sand with some fine to coarse gravel and trace silt. Bedrock was not encountered in any of the test borings.

Groundwater was encountered during drilling operations in monitoring wells MW-1, MW-2, MW-3 and MW-4 at 6 feet, 5 feet, 4.5 feet and 7 feet, respectively.

After a three day stabilization period groundwater levels were measured at 6.1, 3.9, 5.7 and 8.0 feet in monitoring wells MW-1, MW-2, MW-3, and MW-4, respectively. A summary of groundwater elevation readings are included in Table 1. Based on the groundwater elevations obtained in Table 1, groundwater flow is predicted to be in a west-southwest direction (Figure 1).



5.0 RESULTS:

5.1

Soil Sampling Results: Soil samples obtained during drilling operations from test borings MW-1 through MW-4 were screened using an OVM. VOCs were detected at a concentration of 1.6 ppm in the soil sample obtained from test boring MW-4 at a depth of 10 to 12 feet. No VOCs were detected in the other soil samples with the OVM. The results of the OVM screening are presented in Table 2. Four samples were submitted to CTL for further analysis. Results of soil sample analyses are presented in Appendix B.

Samples collected at 5 to 7 feet in test boring MW-1, 0.5 to 2.5 feet in MW-2, 5 to 7 feet in MW-3, and 0.5 to 2.5 feet in MW-4 were analyzed for aromatic and halogenated hydrocarbons and total petroleum hydrocarbons (TPH). No aromatic or halogenated hydrocarbons were detected in the four samples. TPH was detected at a concentration of 560 parts per million (ppm) in the sample obtained from MW-2 at a depth of 0.5 to 2.5 feet. No TPH concentrations were detected in the samples from test borings MW-1, MW-3, or MW-4.

5.2

Groundwater Sampling Results: Groundwater samples were collected from each monitoring well on April 27, 1993 and were submitted to CTL for analysis of aromatic and halogenated hydrocarbons and for the eight RCRA metals. Results of groundwater analyses are presented in Appendix C. Halogenated hydrocarbons were detected in the groundwater samples obtained from monitoring wells MW-2 and MW-4. The groundwater sample from well MW-4 contained trichloroethylene at a concentration of 20 parts per billion (ppb), tetrachloroethylene at 8 ppb and 1,1,2-dichloroethylene at 8 ppb. The groundwater sample from well MW-2 contained trichloroethylene and tetrachloroethylene, both in concentrations of 3 ppb.

Methyl tert butyl ether (MTBE), an aromatic hydrocarbon, was detected in the sample from monitoring well MW-2 at a concentration of 2 ppb. No other aromatic hydrocarbons were detected in the groundwater samples.



6.0 DISCUSSION

The subject site consists of 20.91 acres of land at the corner of Broad Street and Green Manor Boulevard in Manchester, Connecticut. The site is currently utilized as a shopping mall. A Hess Gasoline Station was previously located on the subject site and several possible upgradient sources of potential contamination are present off-site. Groundwater in the area of the subject site has been classified as GB by the CT-DEP and may not be suitable for direct human consumption due to waste discharges. Mr. John Sciolino of the Manchester Health Department reported to HTE that there are no public or private drinking water wells within a mile of the site.

Groundwater monitoring well MW-1 was installed upgradient of activities on the subject site and two wells (MW-2 and MW-3) were installed down gradient of activities on the subject site. Monitoring well MW-4 was installed sidegradient of on-site activities but downgradient of Sears Automotive and several other off-site potential sources of contamination. Monitoring well MW-2 was installed downgradient of the estimated location of Hess Gasoline Station. Monitoring well MW-1 was installed downgradient of the location of the off-site potential sources of contamination.

Trichloroethylene, tetrachloroethylene and $\text{P1,2-dichloroethylene}$ were detected in the groundwater sample obtained from monitoring well MW-4. Trichloroethylene and tetrachloroethylene were also detected in the groundwater sample obtained from monitoring well MW-2. $\text{P1,2-dichloroethylene}$ is not currently regulated by the state or federal government, however, both trichloroethylene and tetrachloroethylene were detected at MW-4 at concentrations just above their respective maximum contaminant levels (MCLs) of 5 ppb. No active on-site sources of chlorinated hydrocarbons were identified by HTP during the Phase I ESA. Based on measured groundwater flow directions and the absence of detectable levels of solvents in monitoring well MW-1, the solvent contamination found at the site may have originated from the Hess Gasoline Station that was previously located on the subject property. Alternatively, several off site sources located along Broad Street (see Section 1.0) could also have affected the site.



As mentioned previously, groundwater in the area of the subject site is classified GB and, by definition, is an area of long-term intense industrial or commercial development that is typically no longer used for drinking water. In the proposal for the Connecticut Clean Up Standard Regulations published by the CT-DEP in April 1993, the risk management decision made by the department for areas with GB classification of groundwater has been not to seek restoration of groundwater to drinking water protection criteria. This, combined with the absence of an on site contaminant source, the absence of drinking water wells in the area, the lack of any identified human health and safety risks, and the relatively low solvent concentrations detected, suggest that the solvent concentrations detected by this study would not warrant remediation.

TPH was detected at a concentration of 560 ppm in the sample obtained from 0.5 to 2.5 feet in test boring MW-2. This concentration is above the state guidance level of 100 ppm for a GB groundwater classified area. The contamination detected during our Phase II assessment could be residual TPH contamination associated with the contaminated soil removal which took place on the subject site during construction activities in 1983. Mr. Coss of the CT-DEP reported that the contamination removed in 1983 was from a petroleum product. Additionally, considering the samples shallow depth below the asphalt pavement (0.5 to 2.5 feet), the TPH concentrations could be attributable to the asphalt sub-base. No VOCs were detected in this sample by field screening techniques or by EPA Method laboratory analyses. No aromatic hydrocarbons, halogenated hydrocarbons, or TPH compounds were detected in any of the other three soil samples analyzed.

Low levels (2 ppb) of MTBE were detected in the groundwater in monitoring well MW-2. This concentration is well below the MCL of 100 ppb for MTBE. The only potential on-site source would have been the Hess Gasoline Station. However, this is not likely because MTBE was not a typical constituent of gasoline when Hess was in operation. The MTBE contamination is likely to be from one of the off-site upgradient properties that contain gasoline underground storage tanks (USTs). USTs are located at Mr. Auto Car Wash, Capitol Fire, and Pennzoil 10-Minute Economy Oil Change. An UST at Pennzoil was also reported to be leaking. This and two other tanks, as well as contaminated soil, were removed from the Pennzoil property.



7.0 FINDINGS AND CONCLUSIONS

7.1

Findings: Based on the studies conducted and observations made as part of the present subsurface investigation, we have prepared the following findings:

- 1) Groundwater at the subject site is classified as GB and as such may not be suitable for public or private use as drinking water without treatment. Groundwater is inferred to move primarily towards the west-southwest.
- 2) No aromatic or halogenated hydrocarbons were detected in soil samples from test borings MW-1, MW-2, MW-3, or MW-4 using EPA Method laboratory analysis.
- 3) No aromatic or halogenated hydrocarbons or RCRA metals were detected in the groundwater or soil samples at monitoring wells MW-1 and MW-3.
- 4) The solvents trichloroethylene, tetrachloroethylene and 1,1,2-dichloroethylene were detected in the groundwater sample obtained from monitoring well MW-4. Trichloroethylene and tetrachloroethylene were also detected in the groundwater sample obtained from monitoring well MW-2 in concentrations that were below their MCLs. Though detected in relatively low concentrations, both trichloroethylene and tetrachloroethylene occurred in MW-4 in concentrations that exceeded their respective drinking water standards of 5 ppb.
- 5) Low levels of MTBE were detected in the groundwater sample obtained from monitoring well MW-2. The concentration of MTBE was well below its maximum contaminant level.
- 6) TPH was detected in the soil sample obtained at a depth of 0.5 to 2.5 feet in test boring MW-2. TPH was not detected in any of the other three soil samples analyzed.



7.2

Conclusions: Based on the above findings, we have prepared the following conclusions:

- 1) The solvent contamination detected in monitoring wells MW-2 and MW-4 could be attributable to either an on-site or off-site source. The groundwater flow direction determined from the monitoring wells and the nondetectable levels of solvents in monitoring well MW-1 suggest the contamination may be the result of activities at the Hess Gasoline Station, which was located on the subject site prior to the early 1980's. There are also a number of abutting properties upgradient of the subject site that could have affected the subject site with regards to solvent contamination.
- 2) The solvent concentrations detected at MW-4 were just above state and federal MCLs. Chlorinated solvents are denser than water and could be present at higher concentrations with depth in the groundwater. If more complete characterization of these chlorinated solvent concentrations was desired, additional subsurface explorations would need to be performed. However, based on the GB groundwater classification in the area, the absence of drinking water wells in the vicinity of the site, the relatively low contaminant concentrations detected, and the CR-DPP policy of not seeking restoration of GB groundwater to not seeking water protection criteria, it is unlikely that the concentrations detected would warrant remediation.
- 3) The level of MTBE detected in the groundwater at monitoring well MW-2 is well below the regulatory standard and does not require remediation. It is not likely that the MTBE detected at MW-2 is from past activities at the Hess Gasoline Station that was located on the subject site because MTBE was not typically a constituent of gasoline when Hess was in operation. The MTBE contamination is likely from one of the off-site upgradient properties that contain gasoline USTs. USTs are located at Mr. Auto Car Wash, Capitol Tire, and Pennzoil 10-Minute Economy Oil Change.

June 25, 1993
Project No.: C-1515A



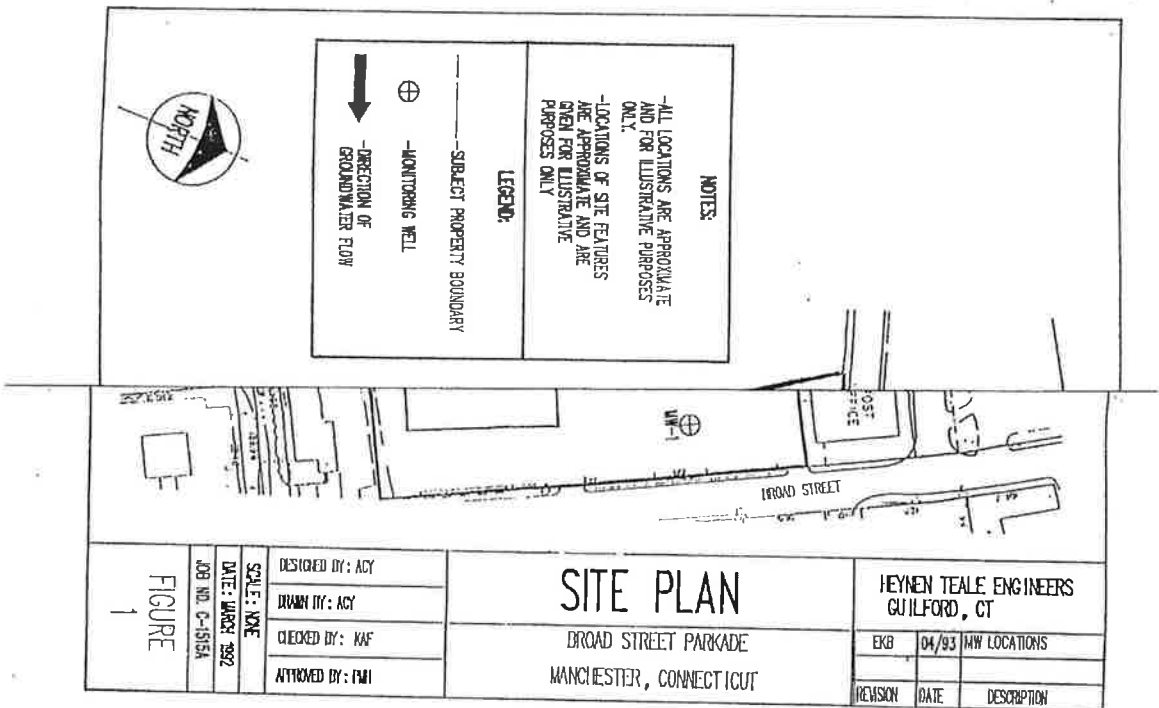
- 4) TPH was detected in the soil at test boring MW-2. As there are no longer any significant sources of TPH on site, these findings may be attributable either to residual TPH-contamination remaining on site following the contaminated-soil removal activities that occurred during 1983 or, considering the sample's shallow depth, to the parking lots asphalt sub-base.
- 5) The GB classification of groundwater in the area indicates the groundwater is neither used nor suitable for drinking water purposes. Therefore, the levels of substances detected during this phase II ESA are not considered to be a human health threat.

8.0 LIMITATIONS:

Please note that this report is subject to limitations contained in Appendix D.

This study and report have been prepared on behalf of and for the exclusive use of FMN Trust solely for use in a preliminary environmental evaluation of the site. The report and findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party, in whole or in part, without prior written consent of Heynen Teale Engineers. However, we acknowledge and agree that the report may be conveyed to the lender, title insurer and legal counsel associated with the proximate transaction of the site.

FIGURES



LIMITATIONS

- 1) The services performed and outlined herein were based, in part, upon visual observations of the site and portions of the site which were unavailable for direct observation. This includes interior and exterior areas obstructed by objects or coverings at the time of our site observations.
- 2) Our visual observations relating to hazardous materials in the environment at the site are described in this report. Where testing was performed, it was executed in those compounds or materials specified in our contract for services was performed. It should be noted that other compounds or materials not tested for may be present in the site environment.
- 3) The work performed in this report was carried out in accordance with the standard terms and conditions of our contract. The standard terms and conditions have been based solely upon the scope and services described in our contract and the time and budgetary constraints imposed by the contract.
- 4) The site history research performed herein relies on information supplied by local and state agencies. No attempt has been made to independently verify the accuracy of such information.
- 5) The conclusions of this report are based, in part, on the information provided by others as outlined herein and in the limited number, if any, of subsurface explorations and sampling points, as well as analyses and tests performed. The possibility remains that unexpected environmental conditions may be encountered at the site at locations not explored. Should such an occurrence should be noticed in order that we may determine if modifications to our conclusions are necessary.
- 6) We have prepared this report in accordance with generally accepted geotechnical and hydrogeologic practices, and make no other warranties, either expressed or implied, as the professional services provided under the terms of our contract and included in this report.
- 7) It is recommended that this firm be provided the opportunity to provide further geotechnical and hydrogeological services during the construction and/or the implementation of any remedial measures recommended herein. This will allow Heymen Teale Engineers to observe compliance with the conclusions and recommendations contained herein and to allow for design changes as necessary to suit field conditions as they are encountered.

Client : Heyven-Teale Engineers MAY 14 1993
Lab No. : 43-532-4
Job No. : C-1515A
Rep. Date: 5-11-93 Date Samples Rec'd: 4-27-93

RESULTS OF ANALYSIS

Total Metals

Matrix Type	W	W	W	W
Ctrl. Sample No.	4648	4649	4650	4651
Field Id	KW-1	KW-2	KW-3	KW-4
Arsenic-mg/L	ND<0.05	ND<0.05	ND<0.05	ND<0.05
Barium-mg/L	ND<0.5	ND<0.5	ND<0.5	ND<0.5
Cadmium-mg/L	ND<0.01	ND<0.01	ND<0.01	ND<0.01
Chromium, Total-mg/L	ND<0.05	ND<0.05	ND<0.05	ND<0.05
Lead-mg/L	ND<0.05	ND<0.05	ND<0.05	ND<0.05
Mercury-mg/L	ND<0.002	ND<0.002	ND<0.002	ND<0.002
Selenium-mg/L	ND<0.01	ND<0.01	ND<0.01	ND<0.01
Silver-mg/L	ND<0.01	ND<0.01	ND<0.01	ND<0.01

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

CONNECTICUT TESTING LABORATORIES, INC.
165 Gracey Avenue / Menden, CT 06450
(203)-634-3731
Connecticut Certification No. PH-0547

APPENDIX D

TABLES

TABLE 1

SUMMARY OF WATER QUALITY PARAMETERS AND STATIC WATER TABLE
ELEVATIONS AT 310 BROAD STREET
MANCHESTER, CONNECTICUT
PROJECT NO. C-1515A

Sample date: April 27, 1993

Well #	MW - 1	MW - 2	MW - 3	MW - 4
Temperature (°C)	13	13.5	16	11.5
Specific Conductance (µS/cm)	280	335	385	250
pH (s.n.)	6.50	7.30	7.20	6.80
Shoen or Product Present	None	None	None	None
Depth to Water (ft)	6.1	3.9	5.7	8.0
Relative Groundwater Elevation (ft)	100.29	96.10	93.16	92.23

Notes:

- 1) Conductivity was measured in micromhos/cm (µM/cm) using a YSI Model 33 salinity-temperature-conductivity meter.
- 2) pH was measured using EXTECH Digital pH Meter Number 609. pH values indicate the relative acidity (pH < 7.0) or alkalinity (pH > 7.0) of the water.
- 3) Assumed benchmark elevation of 100.0 feet at MW-2 (See Figure 1).

TABLE 2
SUMMARY OF QVM SOIL SAMPLE SCREENING
330 BROAD STREET
AT MANCHESTER, CONNECTICUT
PROJECT NO. C-1515A

Test Boring	Depth (ft)	Total Volatile Organics (ppm)
MW - 1	0 - 2	0
	5 - 7	0
	10 - 12	0
MW - 2	0 - 2	0
	5 - 7	0
	8 - 10	0
MW - 3	0 - 2	0
	5 - 7	0
	10 - 12	0
MW - 4	0 - 2	0
	10 - 12	1.6

Note: Total volatile organics readings were obtained by use of a Thermo Environmental Instruments (TEI) Model 580A Organic Vapor Meter (OVM), using headspace screening techniques. Minimum detection limit is 1.0.

Soil Sampling Log

DATE START 04/21/93	SHEET 1 OF 1
DATE FINISHED 04/21/93	PROJ. NO. 93093
WEIGHT OF HAMMER 140#	LOCATION 330 Broad Street Manchester, CT
HAMMER FALL 30"	OFFSET
GROUND WATER OBSERVATIONS TIME 04/20	GROUND ELEVATION MW-1
ESPECIALLY COMPILED FOR Heynen-Tsalle Engineers 2455A Post Road US Route 1 Guilford, CT 06437	SIZE D. 4 1/4"
SAMPLER O.D. 2"	TYPE HSA
TYPE OF RIG CME 45 - Truck	SAMPLER SS
	CORE 1 3/8"

DEPTH (FEET)	SAMP TYPE	BLOW PER F.T. FROM - TO	DENSITY ON COARSEST MOIST	FIELD IDENTIFICATION OF SOILS	REMARKS	SAMPLE NO.	PEN REC.	BORE / WELL NO.	NOT DRAWN TO SCALE
6"-26"	SS	5	10	13	RED BROWN F-C SAND AND GRAVEL, TRACE OF SILT	1	24" 12"		
5'-7"	SS	14	9	13	RED BROWN F-C SAND AND GRAVEL, TRACE OF SILT	2	24" 16"		
10'-12"	SS	8	9	11	RED BROWN F-C SAND AND GRAVEL	3	24" 16"		
15'					RED BROWN F-C SAND AND GRAVEL				
20'					RED BROWN F-C SAND AND GRAVEL				
25'					RED BROWN F-C SAND AND GRAVEL				
30'					RED BROWN F-C SAND AND GRAVEL				
35'					RED BROWN F-C SAND AND GRAVEL				
40'					RED BROWN F-C SAND AND GRAVEL				
45'					RED BROWN F-C SAND AND GRAVEL				
50'					RED BROWN F-C SAND AND GRAVEL				

Proportions used: trace = 0-10%, little = 10-20%, some = 20-35%, and 35-50%.

DRAWN BY: G. Wishart, Jr.
 HELPER: J. Ruff
 SOILS ENGINEER: D. Selger
 DRILLING INSPECTOR: D. Selger

FILE: C007650

Soil Sampling Log

DATE START 04/21/93	SHEET 1 OF 1
DATE FINISHED 04/21/93	PROJ. NO. 93093
WEIGHT OF HAMMER 140#	LOCATION 330 Broad Street Manchester, CT
HAMMER FALL 30"	OFFSET
GROUND WATER OBSERVATIONS TIME 04/20	GROUND ELEVATION MW-2
ESPECIALLY COMPILED FOR Heynen-Tsalle Engineers 2455A Post Road US Route 1 Guilford, CT 06437	SIZE D. 4 1/4"
SAMPLER O.D. 2"	TYPE HSA
TYPE OF RIG CME 45 - Truck	SAMPLER SS
	CORE 1 3/8"

DEPTH (FEET)	SAMP TYPE	BLOW PER F.T. FROM - TO	DENSITY ON COARSEST MOIST	FIELD IDENTIFICATION OF SOILS	REMARKS	SAMPLE NO.	PEN REC.	BORE / WELL NO.	NOT DRAWN TO SCALE
6"-26"	SS	5	10	13	RED BROWN F-C SAND AND GRAVEL, TRACE OF SILT	1	24" 12"		
5'-7"	SS	14	9	13	RED BROWN F-C SAND AND GRAVEL, TRACE OF SILT	2	24" 16"		
10'-12"	SS	8	9	11	RED BROWN F-C SAND AND GRAVEL	3	24" 16"		
15'					RED BROWN F-C SAND AND GRAVEL				
20'					RED BROWN F-C SAND AND GRAVEL				
25'					RED BROWN F-C SAND AND GRAVEL				
30'					RED BROWN F-C SAND AND GRAVEL				
35'					RED BROWN F-C SAND AND GRAVEL				
40'					RED BROWN F-C SAND AND GRAVEL				
45'					RED BROWN F-C SAND AND GRAVEL				
50'					RED BROWN F-C SAND AND GRAVEL				

Proportions used: trace = 0-10%, little = 10-20%, some = 20-35%, and 35-50%.

DRAWN BY: G. Wishart, Jr.
 HELPER: J. Ruff
 SOILS ENGINEER: D. Selger
 DRILLING INSPECTOR: D. Selger

FILE: C007651

Soil Sampling Log

DATE START	04/21/93	SHEET	1 OF 1
DATE FINISHED	04/21/93	PROJ. NO.	93093
WEIGHT OF HAMMER	140#	LOCATION	330 Broad Street Manchester, CT
HAMMER FALL	30"	OFFSET	
GROUND WATER OBSERVATIONS		GROUND ELEVATION	MW-3
TIME	4:6"	CASING	HSA
SAMPLER O.D.		SAMPLER	SS
TYPE OF RIG		CORE	SS
CME 45 - Truck		NO. PEN REC	1 3/8"
ESPECIALLY COMPILED FOR		FIELD IDENTIFICATION OF SOILS	
Hayden-Treale Engineers		REMARKS	
735A Post Road			
US Route 1			
Guilford, CT 06437			

SAMPLE DEPTH (FEET)	SAMP TYPE	BLOWS PER 6 IN. ON SAMPLER FROM - TO			DENSITY OR CONSISTENCY	PROFILE OR CHANGE DEPTH	FIELD IDENTIFICATION OF SOILS	SAMPLE NO.	BONE / WELL
		0-6	6-12	12-18					
6'- 2 1/2"	SS	9	12	11	8 K. COMP.	2' BLACKTOP	RED BROWN F-C SAND AND GRAVEL, TRACE OF SILT	1	24" 18"
5' - 7"	SS	7	9	9	8 K. COMP.			2	24" 18"
10' - 12"	SS	3	3	4	4 LOOSE			3	24" 18"
15'									
20'									
25'									
30'									
35'									
40'									
45'									
50'									

Proportions used: trace = 0-10%, little = 10-20%, some = 20-35%, and 35-50%

ONLINE: G. Wishart, Jr.
HELPER: J. Rupp
SOILS ENGINEER: D. Selger
DRAWING INSPECTOR: D. Selger

FILE: C007652

NOT RESPONSIBLE FOR SOME RESULTS OF PHOTOGRAPHY. APPROVED FOR: 04/21/93

Soil Sampling Log

DATE START	04/21/93	SHEET	1 OF 1
DATE FINISHED	04/21/93	PROJ. NO.	93093
WEIGHT OF HAMMER	140#	LOCATION	330 Broad Street Manchester, CT
HAMMER FALL	30"	OFFSET	
GROUND WATER OBSERVATIONS		GROUND ELEVATION	MW-4
TIME	7'	CASING	HSA
SAMPLER O.D.		SAMPLER	SS
TYPE OF RIG		CORE	SS
CME 45 - Truck		NO. PEN REC	1 3/8"
ESPECIALLY COMPILED FOR		FIELD IDENTIFICATION OF SOILS	
Hayden-Treale Engineers		REMARKS	
735A Post Road			
US Route 1			
Guilford, CT 06437			

SAMPLE DEPTH (FEET)	SAMP TYPE	BLOWS PER 6 IN. ON SAMPLER FROM - TO			DENSITY OR CONSISTENCY	PROFILE OR CHANGE DEPTH	FIELD IDENTIFICATION OF SOILS	SAMPLE NO.	BONE / WELL
		0-6	6-12	12-18					
6'- 2 1/2"	SS	3	5	7	8 K. COMP.	2' BLACKTOP	RED BROWN F-C SAND, TRACE OF F-C GRAVEL, SILT	1	24" 18"
5' - 7"	SS	6	7	7	8 K. COMP.			2	24" 18"
10' - 12"	SS	4	4	5	5 LOOSE			3	24" 18"
15'									
20'									
25'									
30'									
35'									
40'									
45'									
50'									

Proportions used: trace = 0-10%, little = 10-20%, some = 20-35%, and 35-50%

ONLINE: G. Wishart, Jr.
HELPER: J. Rupp
SOILS ENGINEER: D. Selger
DRAWING INSPECTOR: D. Selger

FILE: C007653

NOT RESPONSIBLE FOR SOME RESULTS OF PHOTOGRAPHY. APPROVED FOR: 04/21/93

MRK 20 1303

Date Samples Rec'd : 4-23-93

4540
MWA
1/2--2 1/2

MDL = Minimum Detectable Level/BDL = Below Detection Level/UNITS = PPB

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

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

CONNECTICUT TESTING LABORATORIES, INC.
1155 Gracey Avenue / Meriden, CT 06450
(203) 634-3731
Connecticut Certification No. PH-0547

Date Extracted: 4-26-93
Date Tested : 4-27-93
Analyst : RS

Date Samples Rec'd: 4-23-93

S
4540
MW4
1/2--2 1/2

MDL = Minimum Detectable Level/BDL = Below Detection Level/UNITS=PPB

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

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

CONNECTICUT TESTING LABORATORIES, INC.
165 Gracey Avenue / Meriden, CT 06450
(203) 634-3731
Connecticut Certification No. PH-0547

MAY 07 1993

Date Samples Received : 4-23-93

Client Name... : Heynen-Teale Engineers CTL Lab No. 43-449-4
 Date of Report : 5-5-93 PO/Job No. C-1515A

RESULTS OF ANALYSIS

EPA 418.1

Matrix Type	S	S	S	S
CTL Sample No.	4537	4538	4539	4540
Field Id	MR1	MR2	MR3	MR4
	5-7'	1/2-2	1/2'	1/2-2
				1/2'
Oil & Grease (TPH) -ppm	ND<25	560	ND<25	ND<25

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

CONNECTICUT TESTING LABORATORIES, INC.
 165 Gracely Avenue / Menden, CT 06450
 (203)-634-3731
 Connecticut Certification No. PH-0547

APPENDIX C

MAY 11 1993

Client : Heyven Teale Engineers Date Tested : 5/5/93
 Lab No. : 43-483-4 Analyst : RS
 PO No. : C 1515-A
 Rep. Date : 5/7/93

EPA METHOD 601/8010 Date Samples Rec'd: 4/27/93

Matrix Type :

Field ID :

	W	W	W	R
Field ID	MW-1	MW-2	MW-3	MW-4
Chloromethane	BDL	BDL	BDL	BDL
Bromomethane	2	BDL	BDL	BDL
Vinylchloride	2	BDL	BDL	BDL
Chloroethane	2	BDL	BDL	BDL
Methylenechloride	1	BDL	BDL	BDL
Trichlorofluoromethane	1	BDL	BDL	BDL
1,1-Dichloroethene	1	BDL	BDL	BDL
1,1-Dichloroethane	1	BDL	BDL	BDL
1,1,2-Dichloroethane	1	BDL	BDL	BDL
1,1,2-Dichloroethene	1	BDL	BDL	8.0
1,1,2-Trichloroethane	1	BDL	BDL	BDL
1,1,1-Trichloroethane	1	BDL	BDL	BDL
Carbon tetrachloride	1	BDL	BDL	BDL
Bromodichloromethane	1	BDL	BDL	BDL
1,2-Dichloropropane	1	BDL	BDL	BDL
1,3-Dichloropropane	1	BDL	BDL	BDL
1,1-Dichloroethene	1	BDL	BDL	20.0
Dibromochloromethane	1	BDL	BDL	BDL
1,1,2-Trichloroethane	1	BDL	BDL	BDL
2-Chloroethylvinylether	1	BDL	BDL	BDL
1,2-Dichloroethane	1	BDL	BDL	BDL
1,1,2-Trichloroethane	1	BDL	BDL	BDL
1,1,2-Trichloroethene	1	BDL	BDL	8.0
Chlorobenzene	1	BDL	BDL	BDL
Benzyl Chloride	1	BDL	BDL	BDL
Bis(2-chloroethoxy)methane	10	BDL	BDL	BDL
Bis(2-chloroisopropyl)eth	10	BDL	BDL	BDL
Bromobenzene	10	BDL	BDL	BDL
Chloroacetaldehyde	10	BDL	BDL	BDL
1-Chlorohexane	10	BDL	BDL	BDL
Chloromethyl methyl ether	10	BDL	BDL	BDL
Chloroethane	1	BDL	BDL	BDL
Dibromomethane	1	BDL	BDL	BDL
1,2-Dichlorobenzene	1	BDL	BDL	BDL
1,3-Dichlorobenzene	1	BDL	BDL	BDL
1,4-Dichlorobenzene	1	BDL	BDL	BDL
Trichloropropane	1	BDL	BDL	BDL

MDL = Minimum Detectable Level/BDL = Below Detection Level/UNITS = PPB

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

CONNECTICUT TESTING LABORATORIES, INC.
 165 Gracey Avenue / Meriden, CT 06450
 (203) 634-3731
 Connecticut Certification No. PH-0547

MAY 11 1993

Client : Heyven Teale Engineers Date Tested : 5/5/93
 Lab No. : 43-483-4 Analyst : RS
 PO No. : C 1515-A
 Rep. Date : 5/7/93

EPA METHOD 602/8020 Date Samples Rec'd: 4/27/93

Matrix Type :

Field ID :

	W	R	W	W
Field ID	MW-1	MW-2	MW-3	MW-4
Benzene	1	BDL	BDL	BDL
Toluene	1	BDL	BDL	BDL
Chlorobenzene	1	BDL	BDL	BDL
Ethyl Benzene	1	BDL	BDL	BDL
P & M Xylene	1	BDL	BDL	BDL
O- Xylene	1	BDL	BDL	BDL
1,4-Dichlorobenzene	1	BDL	BDL	BDL
1,3-Dichlorobenzene	1	BDL	BDL	BDL
1,2-Dichlorobenzene	1	BDL	BDL	BDL
MW-8	1	BDL	2.0	BDL
HC as #2 Fuel Oil-ppm	.05	BDL	BDL	BDL
HC as Gasoline-ppm	.05	BDL	BDL	BDL
HC as Diesel Fuel-ppm	.05	BDL	BDL	BDL
HC as Kerosene-ppm	.05	BDL	BDL	BDL

MDL = Minimum Detectable Level/BDL = Below Detection Level/UNITS = PPB

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

CONNECTICUT TESTING LABORATORIES, INC.
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 (203) 634-3731
 Connecticut Certification No. PH-0547

43547



September 12, 1994

Mr. David Locke
Manley Berenson Associates, Inc.
66 Long Wharf
Boston, MA 02110

Subject: Subsurface Investigation Report
Broad Street Parkade
Manchester, Connecticut

Dear Mr. Locke:

ABB Environmental Services, Inc. (ABB-ES) is pleased to present one copy of the attached report entitled "SUBSURFACE INVESTIGATION REPORT, SITE B MANCHESTER CONNECTICUT". The report presents the findings, conclusions and recommendations of the subsurface investigation recently performed at the referenced site.

Please feel free to contact Garry Van Heest at (203) 632-0533 should you have any questions or comments concerning this report.

ABB-ES appreciates the opportunity of providing professional services to Manley Berenson Associates.

Sincerely,
ABB ENVIRONMENTAL SERVICES, INC.


Garry L. Van Heest, CEP
Environmental Services Manager

ABB Environmental Services, Inc.

Northwest Region
Corporate Plaza 100
107 Washington Ave.
Windsor, MA 01890
Telephone (617) 245-6000
Fax (617) 245-5000

SUBSURFACE INVESTIGATION REPORT
SITE B MANCHESTER CONNECTICUT

ABB Environmental Services, Inc.



SUBSURFACE INVESTIGATION REPORT
SITE B
MANCHESTER, CONNECTICUT

SUBSURFACE INVESTIGATION REPORT
SITE B
MANCHESTER, CONNECTICUT
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APPENDIX D	GROUNDWATER FIELD DATA RECORDS

Prepared by:

ABB ENVIRONMENTAL SERVICES, INC.
34 INDUSTRIAL PARK PLACE
MIDDLETOWN, CONNECTICUT 06457

Prepared for:

MANLEY BERENSON ASSOCIATES, INC.
66 LONG WHARF DRIVE
BOSTON, MASSACHUSETTS 02110

SEPTEMBER 9, 1994

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

ABB Environmental Services, Inc. (ABB-ES) was retained by Manley Berenson Associates, Inc. to perform a subsurface assessment of the property known as the Broad Street Parkade in Manchester, CT. The site is planned for development of a new retail facility at the site of the current Marshall's Mall. The purpose of the investigation was to: 1) assess if subsurface contamination exists beneath the footprint of the proposed building, 2) confirm the presence of and attempt to identify the source of groundwater contamination detected during a previous investigation, and 3) assess if contamination (if present) poses potential obstacles to construction of the proposed building.

Previous site investigations revealed that a gasoline station once occupied a portion of the site (now the location of a vacant supermarket building). Approximately 4,000 cubic yards of contaminated soil were removed from this area during the early 1980s, apparently due to releases from an underground storage tank. A network of four previously installed monitoring wells revealed the presence of low concentrations of chlorinated volatile organic compounds (CVOCs) in the site's shallow groundwater.

ABB-ES installed a total of five groundwater monitoring wells and six borings during field program implementation. Soil and groundwater were collected and analyzed for volatile organic compounds (VOCs). Several samples were analyzed for total lead.

The results confirm the presence of CVOC previously detected in the site's groundwater. The chief CVOC detected, trichloroethylene (TCE), was found in low concentrations up to 22 ug/L in wells along the northern portion of the property. Groundwater data indicate that shallow groundwater flow is to the south and west across the site. CVOCs are present in groundwater immediately upgradient of the Marshall's Mall building, and may extend beneath the building footprint. The source of the CVOC detected in the groundwater appears to be from an off-site location to the northeast. Neither this investigation nor the previous study identified a source of CVOCs on the Broad Street Parkade property.

The CVOCs in groundwater may be the result of historical intermittent releases, or from a singular "slug release" event. If the CVOC resulted from gradual releases, then it would be expected that concentrations of CVOCs would diminish downgradient; in this case the concentrations under the Marshall's Mall building would be less than or approximately equal to the range of concentrations detected upgradient (i.e., 5 to 22 ug/L TCE). If the CVOCs resulted from a slug release, then it is possible that CVOC concentrations beneath the Marshall's building may exceed those detected during the site investigation.

EXECUTIVE SUMMARY

A horizon of stained soil exhibiting a weathered fuel oil odor approximately two inches thick was encountered in an exploratory boring advanced on the south side of the Marshall's building. The boring where the staining was observed was converted into a groundwater monitoring well. No constituents of concern were detected in a groundwater sample analyzed from this well. The staining may be the remnant from a fuel oil tank when residences were located in this area in the early 1900s. Six exploratory borings were advanced in the vicinity in an attempt to delineate the extent of staining. The staining appears to be localized within the vicinity of where the initial boring was advanced, and does not extend beneath the Marshall's Mall footprint. The staining is not considered to be an issue of concern.

Based on the results of the investigation, ABB-ES recommends that one additional groundwater monitoring well be installed on the west side of the Marshall's building. This well will be used to assess the distribution of CVOCs, if present, beneath the building.

Excavation during construction of the new building will likely penetrate into the groundwater in several locations. This will result in a need for dewatering activities. A permit will be required from the Connecticut Department of Environmental Protection for water discharge. The information necessary to properly fill out the permit application will require chemical characterization information that will be obtained, in part, from the well proposed for the downgradient side of the building.



SECTION 2

2.0 FIELD PROGRAM IMPLEMENTATION

ABB-ES conducted a subsurface investigation to evaluate potential environmental impact in the area of the proposed new building and in the vicinity of the former gasoline station. The scope of the field program was developed based on ABB-ES review of previous investigations at the site and an understanding of the future intended use of portions of the property. The initial scope of the investigation was outlined in an ABB-ES proposal dated August 8, 1994. Based on findings during the field program, some modifications to this scope of work were made, as noted below.

Locations for borings, monitoring wells, and sampling points are shown on Figure 2.

2.1 BORING ADVANCEMENT AND SOIL SAMPLING

On August 22 through 24, 1994, ABB-ES supervised the drilling of six borings (identified as MBSB01, MBSB02, MBSB03, MBMW05, MBMW06, MBMW07, and MBMW08) for geologic characterization and monitoring well installation. With the exception of MBSB03, borings were advanced to depths of 16 to 20 feet bgs with 4½-inch I.D. hollow-stem augers, using standard engineering practices. Subsurface soil samples were collected using 24-inch long split-spoon samplers. Soil samples were described in terms of visual characteristics, moisture, and odor. Soil samples were also field screened for VOCs using a photoionization detector (PID). MBSB03 was advanced and sampled with a decontaminated stainless steel hand auger. Boring logs, including the PID screening results, are provided in Appendix A.

All drilling equipment was steam cleaned prior to initiating drilling, and between borings. To avoid cross contamination with depth, the split-spoon sampler was advanced ahead of the auger, and was decontaminated between samples by scrubbing in tap water with Alconox detergent, and rinsing with tap water. All spatulas and spoons used during the collection of soil samples were decontaminated prior to sample collection in the same manner.

In the course of installing the 25 foot geotechnical boring south of the building (MBSB02), an approximately two inch thick stained soil layer was identified (possibly fuel oil) at a depth of approximately 7.5 feet (water table). Due to this discovery, a well was installed in this boring and six additional borings were installed around it to delineate the extent of staining on August 26, 1994. In addition, a three foot deep boring was installed inside the Mall, in the lobby area where buckled floor tiles were observed. These scope modifications were shared with and agreed to by Manley Berenson Associates prior to implementation.

SECTION 2

Soil samples were collected from each of the soil borings. Based on field observations and instrumentation readings, four soil samples were submitted for laboratory analysis for VOC and MTBE. Samples were submitted to Pace Laboratories of Westbrook, ME, using proper shipping and chain-of-custody procedures. Following sample collection, all boreholes in which wells were not installed were backfilled with the soil cuttings from the boring.

2.3 MONITORING WELL INSTALLATION AND DEVELOPMENT

On August 22 through 24, 1994, ABB-ES supervised the installation of four monitoring wells (identified as MBMW-05, MBMW-06, MBMW-07, MBMW-08) at the site, including two adjacent to the east side of the Marshalls, one to the north of the Marshalls, and one to the south of existing well MW-4. On August 26, 1994, ABB-ES supervised the installation of MW-09, located on the south side of the Marshalls Mall. Monitoring well locations are shown in Figure 2.

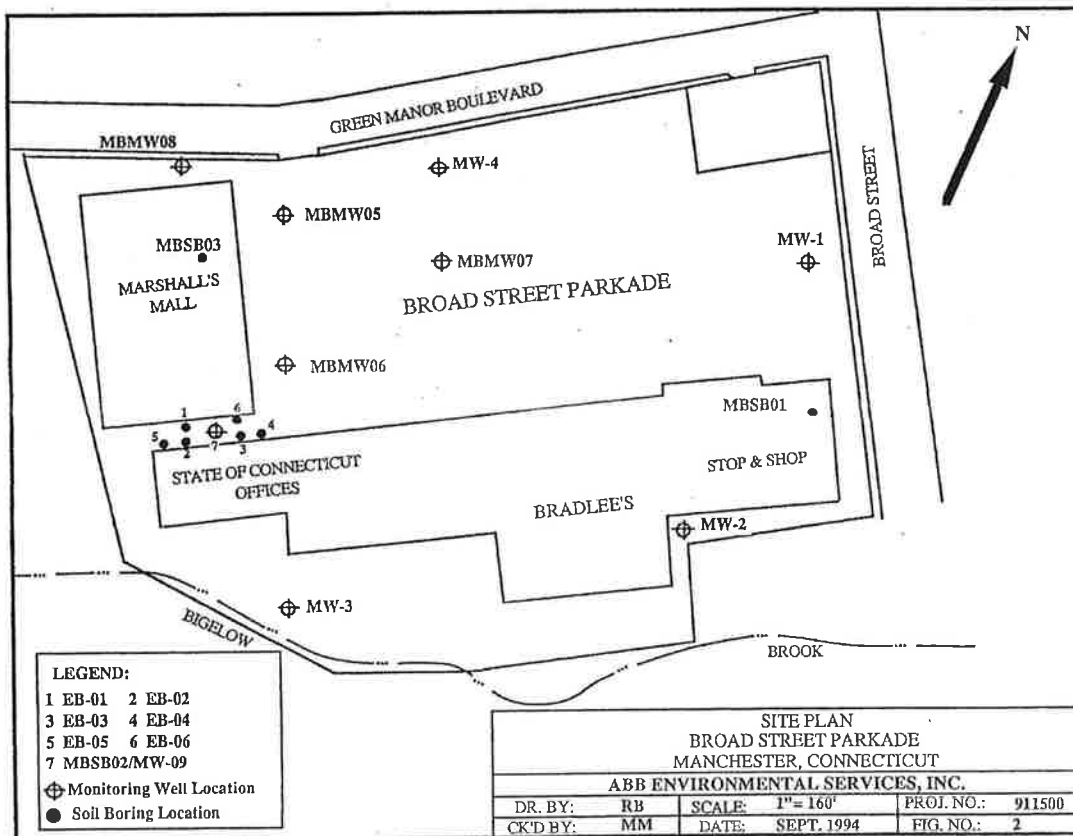
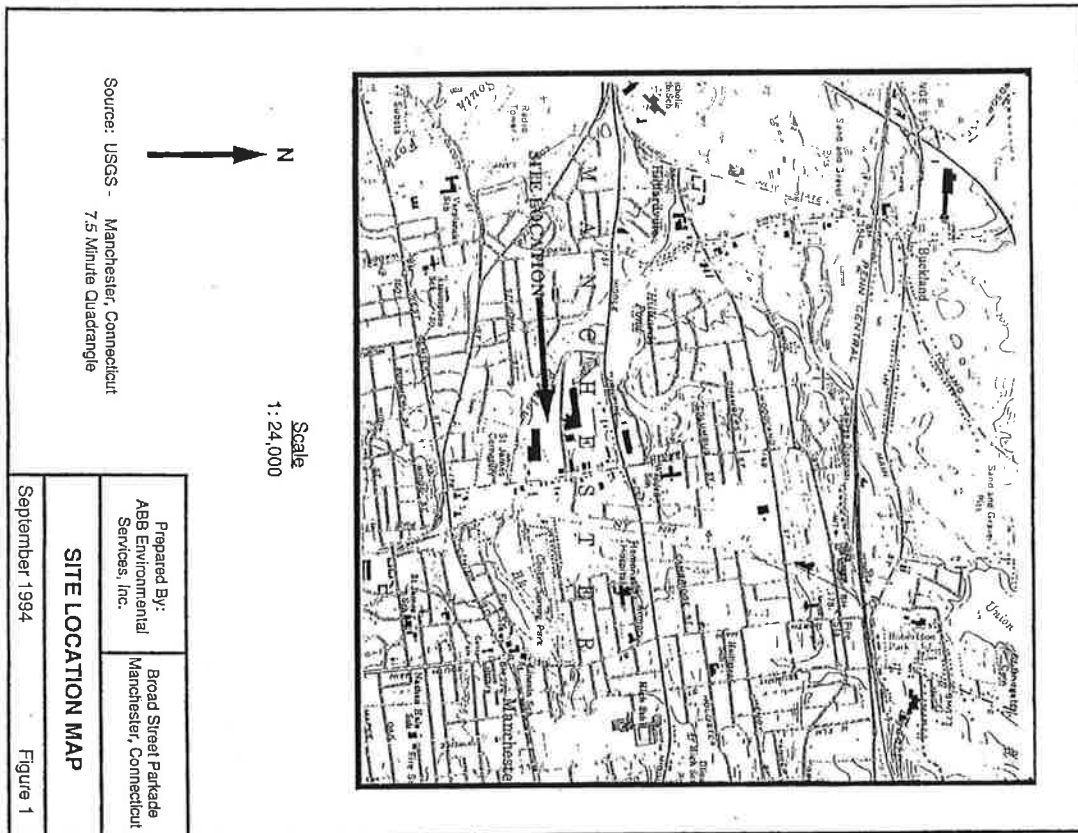
The wells are constructed of 2 inch ID PVC. The well screens are 10 feet long with 0.010 inch slot. The screens are placed to bridge the water table in each well. No. 2 sand is used as a filterpack and bydrated bentonite chips as a seal. Each well is finished with flushmount construction. The monitoring well construction diagrams are provided on the boring logs in Appendix A.

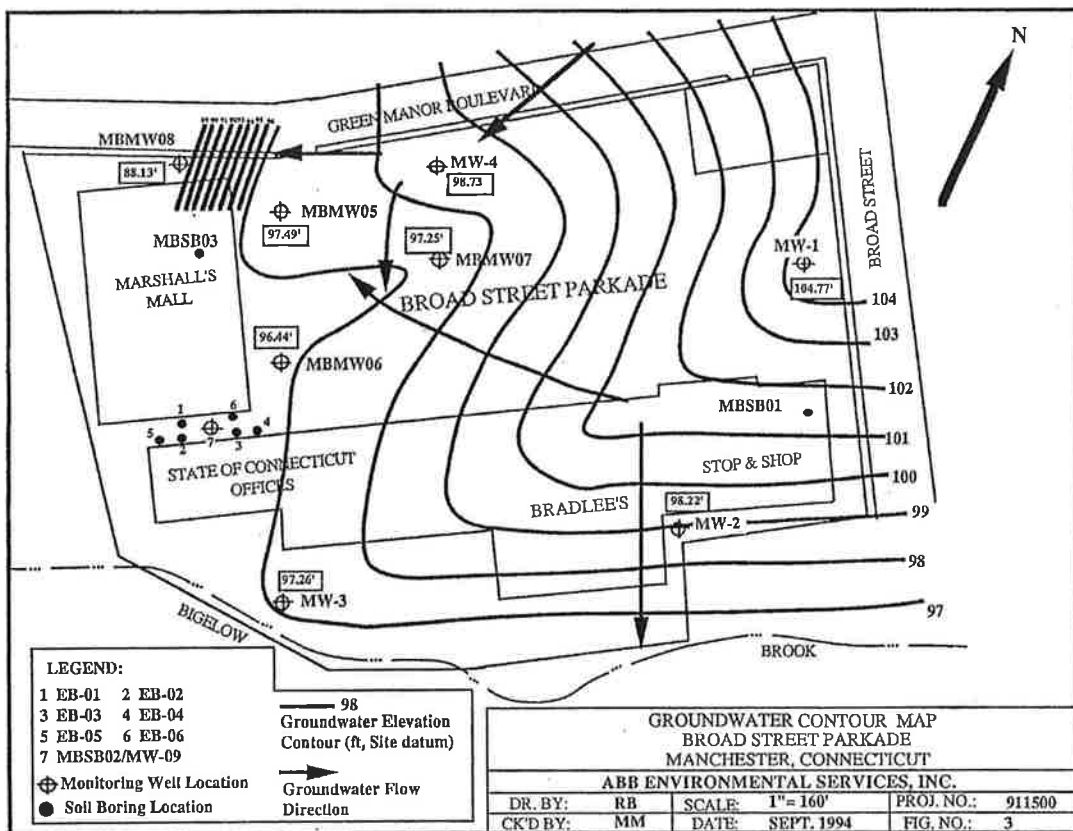
Upon completion, each well was developed by pumping with a centrifugal pump. The wells yielded from 1 to 5 gpm and returned to static level immediately after pumping. The wells were pumped for an average of 60 minutes. All wells pumped clear within 10 minutes.

2.4 GROUNDWATER SAMPLING AND WATER LEVEL SURVEY

On August 24, 1994, the existing and newly installed monitoring wells (with the exception of MW-9 which was installed after the survey) were surveyed by ABB-ES personnel for relative elevation using a site datum. Water level measurements were then recorded from each well. The well elevations, water levels, and calculated groundwater elevations are presented in Table 1.

Following the recording of these measurements, the wells were purged by removing three times the water volume within each well using a centrifugal pump. Groundwater Field Data Records are presented as Appendix D. Groundwater samples were then collected using dedicated teflon bailers. Samples were submitted to Pace Laboratories of Westbrook, ME for VOC and MTBE analysis. In addition, MW-2 and MW-4 were analyzed for total lead. MW-09 was sampled on August 27, 1994. Samples were submitted to Complete Environmental Testing (CET) in Shelton, CT for VOC, MTBE, and total lead analysis.





SECTION 3

3.0 FINDINGS

The findings from the subsurface investigation are discussed below in three general categories: soils and geology, groundwater and hydrogeology, and analytical results.

3.1 SOILS AND GEOLOGY

The physical subsurface conditions encountered were consistent with information in the previous reports. The Phase I report describes the surficial geology of the site as obtained from the Geologic Map of the Manchester Quadrangle by Roger B. Colson, 1965, as collapsed drift deposits, composed of stratified sand and gravel. The soil borings revealed coarse to fine and medium to fine sands, with fine sand predominant in most cases. Interspersed within the sand are varying amounts of silt and gravel.

The bedrock geology is described in the Phase I report as the Portland Arkose, a reddish-brown and gray arkosic siltstone, sandstone, and conglomerate. Boring MBSB02, the geotechnical boring on the south side of the Marshall's Mall, reached spoon refusal at 20.5 feet, however, it is not known if this was due to encountering bedrock.

3.2 GROUNDWATER AND HYDROGEOLOGY

Groundwater was encountered between 2 and 8 feet bgs during the investigation. The estimated depth to groundwater beneath the Marshall's Mall footprint is approximately 6 to 8 feet bgs. A groundwater elevation contour map, including inferred groundwater flow directions, is presented as Figure 3.

The flow direction of the water table aquifer is believed to be influenced by the surface topography, surface water bodies, and artificial drainage. Dry weather flow of water was observed in the storm drain behind the new Stop & Shop, north of the Marshall's Mall. The invert of the drain appears to be below the water table elevation and the level of the water in the drain appears comparable to the water table. Therefore, it appears that groundwater is discharging into this storm drain system. According to the Phase I report, the storm drains at the site discharge to Bigelow Brook.

3.3 ANALYTICAL RESULTS

The results of laboratory analysis of soil samples are presented in Appendix B and summarized in Table 2. The results of laboratory analysis of groundwater samples are presented in Appendix C and summarized in Table 3.

TABLE 1
MONITORING WELL GROUNDWATER ELEVATIONS
AUGUST 24, 1994
BROAD STREET PARKADE, MANCHESTER, CONNECTICUT

MONITORING WELL NO.	RELATIVE TOC ELEVATION (Feet, Site Datum [*])	DEPTH TO WATER AUGUST 24, 1994 (Feet Below TOC)	GROUNDWATER ELEVATION AUGUST 24, 1994 (Feet, Site Datum [*])
MW-1	104.77	5.70	99.07
MW-2	98.22	4.05	94.17
MW-3	97.26	5.37	91.89
MW-4	98.73	7.14	91.59
MBMW-05	97.49	7.69	89.80
MBMW-06	96.94	6.51	90.43
MBMW-07	97.25	5.39	91.86
MBMW-08	88.13	2.18	85.95

*Based on arbitrary elevation of 100.00 assigned to a light pole in the parking lot.
TOC = Top of PVC casing

SECTION 3

The results of the field and laboratory analysis did not indicate the presence of any analytes in the soil in the vadose zone at the site above practical quantitation limit.

The CVOC contamination previously identified in the groundwater from MW-4 (TCE at 20 ug/l, tetrachloroethylene (PCE) at 8 ug/l, and 1,2-dichloroethylene (DCE) at 8 ug/l) is still present in MW-4 (TCE at 19 ug/l, PCE at 10 ug/l, and DCE at 6 ug/l) and is detected in MBMW07 (TCE at 16 ug/l, and PCE at 12 ug/l), MBMW05 (TCE at 22 ug/l, PCE at 14 ug/l, and chloroform at 14 ug/l), MBMW06 (TCE at 5 ug/l, and chloroform at 14 ug/l), and MBMW08 (TCE at 13 ug/l, and Chloroform at 5 ug/l). The "J" designation indicates that the analyte was detected in the sample but is assigned an estimated value because the concentration is below the laboratory's Practical Quantitation Limit (POL).

The apparent fuel oil residue at the water table was visually identified in soil borings MBSB02, EB-02, EB-03, and EB-05. The residue was not visually identified in borings EB-01, EB-04, and EB-06 which indicates that it does not extend to the north (towards the Marshall's Mall) or to the east. Further exploration to the south and west was restricted by overhead structures and underground utilities. No volatile organic compounds were detected in the groundwater sample collected from MW-9 which was installed in MBSB02.

TABLE 2
SUMMARY OF DETECTED COMPOUNDS
SOIL SAMPLES
BROAD STREET PARKADE
MANCHESTER, CONNECTICUT

SOIL BORING	MBSB0105	MBSB0207	MBSB0300	MBSB0303
DEPTH BELOW GROUND SURFACE	5.5'	7.5'-8'	6.5'	2.5'-3'
METHYLENE CHLORIDE	JB5	JB4	JB4	JB4
ACETONE	ND	J5	J2	ND
ETHYLBENZENE	JB1	ND	ND	ND
NOTES: All results reported in ug/kg (ppb) J = Denotes an estimated value less than the Laboratory's Practical Quantitation Limit. B = Denotes detection of this analyte in the laboratory method blank analyzed concurrently with the sample. The method blank contained Methylene Chloride and Ethylbenzene at J5 and J1 ug/kg respectively. ND = Not Detected				

TABLE 3
SUMMARY OF DETECTED COMPOUNDS
GROUNDWATER SAMPLES
BROAD STREET PARKADE
MANCHESTER, CONNECTICUT

WELL ID NUMBERS	MW-1	MW-2	MW-3	MW-4	MBMW-05	MBMW-06	MBMW-07	MBMW-08	MW-X(MBMW09)
METHYLENE CHLORIDE	JB1	JB4	JB1	ND	JB1	JB1	JB1	JB1	ND
ACETONE	JB2	JB4	JB3	JB3	ND	ND	ND	JB5	ND
TOTAL 1,2-DICHLOROETHENE	ND	ND	ND	6	ND	ND	ND	ND	ND
CHLOROFORM	ND	ND	ND	ND	J4	J4	ND	5	ND
TRICHLOROETHENE	ND	J3	ND	19	22	5	16	J3	ND
TETRACHLOROETHENE	ND	J3	ND	10	J4	ND	J2	ND	ND
ETHYLBENZENE	JB1	ND	ND	ND	ND	ND	ND	ND	ND
LEAD	NA	5	NA	61	NA	NA	NA	NA	<100
NOTES:									
All results reported in ug/l (ppb)									
J" denotes an estimated value less than the Laboratory's Practical Quantitation Level.									
B" denotes detection of this analyte in the laboratory method blank analyzed concurrently with the sample.									
The method blank contained Methylene Chloride and Acetone at J1 and J4 ug/l respectively.									
ND = Not Detected									

4.0 CONCLUSIONS

The results of the investigation indicate the following.

- Volatile organic contamination was not detected in the soils at the site, where sampled, beneath the old Stop & Shop or in the soils, where sampled, beneath the Marshall's Mall. No source of VOC contamination in soils has been identified on the Broad Street Parkade property.
- Low levels of CVOC contamination previously identified in the groundwater at MW-4 extend downgradient at least to the area of the parking lot in front of the Marshall's Mall. The detection of VOCs in groundwater do not represent an imminent-threat to human health or the environment.
- Weathered fuel oil residue is present, in a limited area, at the water table between the Marshall's Mall and the State of Connecticut offices.

4.1 CHLORINATED VOLATILE ORGANIC GROUNDWATER CONTAMINATION

As discussed above, the results of the subsurface investigation indicate that CVOC are present in the groundwater beneath the parking lot east of the Marshall's Mall and may exist beneath the Marshall's Mall footprint. However, several points should be considered in evaluating the significance of these detections.

The level of contamination in groundwater is relatively low. The concentrations detected do exceed Federal and State guidelines for drinking water, but the water table aquifer beneath the site is not used for drinking water. As stated in the Phase I report, groundwater at the site is classified as GB by the State of Connecticut. This is defined as groundwater within highly urbanized areas of industrial activities and where public water is available. It may not be suitable for direct human consumption due to waste discharges, spills or leaks of chemicals or land use impacts. The goal is to prevent further degradation by preventing additional discharge. The Manchester Water Department has confirmed that the area of the site is on public water supply and there are no wells in the area.

Because of the GB classification, it is unlikely that the Connecticut DEP would require groundwater remediation at the site. This was confirmed through an informal (and blind) consultation with a DEP Groundwater Unit hydrogeologist.

Commonwealth of Massachusetts regulations for a similar class of groundwater within 15 feet of ground surface would allow levels of TCE as high as 300 ug/l (an order of magnitude above the highest detection at the site) before there would be a concern over indoor vapor exposure due to volatilization of TCE from the water table. This regulatory value is a risk-based target cleanup level for groundwater derived from conservative assumptions regarding soil and aquifer properties and building construction.

Should any of the contamination reach Bigelow Brook, the low levels of volatile organics would be diluted by the volume of surface water and volatilized by the action of the stream. Therefore, the VOC concentrations are not of concern with respect to Bigelow Brook.

The downgradient extent of the VOC plume, as well as the concentrations beneath the Marshall's Mall footprint, are not known at this time. To determine if the plume has passed beneath the building, and what the concentrations are at that point, ABB-ES recommends installation of one additional monitoring well on the western side of the Marshall's Mall.

The groundwater quality information from the proposed well on the west side of the building will also be necessary in applying for a Temporary Authorization to discharge groundwater during anticipated construction dewatering operations. The Connecticut DEP has indicated that, while Bigelow Brook is not shown on the surface water classification map, they believe it to be a Class A stream and will attempt to clarify this classification. Should it be a Class A stream, pretreatment of groundwater would likely be required prior to discharge. Total VOC concentration in the effluent must be below 10 ug/l and TCE and PCE must each be below 5 ug/l. Should the stream be Class B, then 100 ug/l total VOC would be acceptable, with no compound-specific limits. The VOC concentrations detected in monitoring wells do not give rise to a significant risk to workers during construction by direct contact.

4.2 APPARENT FUEL OIL RESIDUE AT THE WATER TABLE

As discussed above, the results of the subsurface investigation indicate that apparent weathered fuel oil residue is present at the water table between the Marshall's Mall and the State of Connecticut Offices. This area of weathered fuel oil is restricted to a zone at the water table and does not extend beneath the Marshall's Mall building.

SECTION 4

The source of the apparent fuel oil has not been identified. The Phase I report did not indicate any potential sources in this area of the site. However the oldest aerial photo examined was 1965, which reportedly showed this part of the site as vegetated.

ABB-ES is pursuing further historical information to identify the source. Historical aerial photos beyond 1962 do not appear readily available. The Phase I report did not indicate that Sanborn Fire Insurance Maps had been reviewed for the site. ABB-ES is in the process of obtaining available Sanborn Maps for the site. ABB-ES has seen a 1914 map of Manchester which depicted residences in this area of the site, which may be the source of the fuel oil contamination.

APPENDIX A
BORING LOGS

FIELD BORING LOG

BORING NO.: MBSB01

Client: Manley-Denham, Site B	Project No.: 09115-00
Contractor: New England Boring Contractors of CT, Inc.	Date Started: 8/22/94
Method: HSA	Casing Size: 41/4" ID
Ground Elev. UNKNOWN	Soil Drilled: 14 ft.
Logged by: MAM	Permit # NA
	Total Depth: 14.5 ft.
	Ground Water Depth (GWS): -5 ft.
	Date:

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Depth (FT)	PID AIR (PPM)	Sample Number and Depth (ft to tie)	Laboratory Analysis Field U/VIR	Recovery/ Penetration (in)	PID Sample (PPM)	Soil/Rock Description	Soil Class	Blow/ft Inches	Well Date	Depth (FT)
0						Top 6 inches is concrete and gravel				0
1	NA	S-1 0.5-2.5	No	15	0	Brown medium to fine SAND, little SIL, trace fine Gravel	SP	17.37-44.28		1
2	NA	S-2 2.5-4.5	No	15	0	Brown medium to fine SAND, little SIL, trace medium to fine Gravel	SP	20.30-26.24		2
3	NA	S-3 4.5-6.5	Yes	12	0	Brown fine SAND, and SIL, wet	SM	7.7-9.7		3
4	NA	S-4 6.5-8.5	No	24	0	Brown fine SAND, and SIL, wet	SM	5.5-6.6		4
5	NA	S-5 8.5-10.5	No	15	0	Brown fine SAND, and SIL, wet	SM	14.10-19.10		5
6	NA	S-6 10.5-12.5	No	18	0	Brown fine SAND, and SIL, wet	SM	4.7-7.7		6
7	NA	S-7 12.5-14.5	No	24	0	Brown fine SAND, and SIL, wet	SM	4.4-7.6		7
8						End of Boring at 14.5 feet Laboratory Sample collected from 5.0-5.5 feet Analysis: VO+10, Water Tests at -5 ft.				8

FIELD BORING LOG

BORING NO.: MBSB02/KW9

Client: Manly-Barnson, Site B	Project No.: 09115-00
Contractor: New England Boring Contractors of CT	Bores Started: 8/24/94
Method: HSA	Casing Size: 4 1/4" ID
Ground Elev. UNKNOWN	Soil Drilled: 20 ft.
Logged by: HJM	Permit # NA
	Date:

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Depth (FT)	PID AIR (PPM)	Sample Number and Depth (ft. bls)	Laboratory Analysis	Field UV/IR	Recovery/ Penetration (in)	PID Sample (PPM)	Soil/Rock Description	Soil Class	Blower/6 inches	Well Data	Depth (FT)
0	NA	S-1 1-3	No	NA	18	0	Top 6 inches is concrete and gravel	SP	14-18-7-7		0
5	NA	S-2 3-5	No	NA	24	0	Brown fine SAND, little silt, trace medium to fine gravel	SP	2-3-3-3		5
10	NA	S-3 5-7	No	NA	24	0	Brown fine SAND, little silt, trace fine gravel, moist	SP	3-2-2-2		10
15	NA	S-4 7-9	Yes	NA	24	0	Brown fine SAND, little silt, trace fine gravel, wet. Two inch core retained lower at ~7.5 ft, slight odor, possibly fuel oil	SP	10-11-10-15		15
20	NA	S-5 9-11	No	NA	24	0	Brown medium to fine SAND, trace silt, some coarse to fine gravel, wet	SP	6-6-6-5		20
25	NA	S-6 11-13	No	NA	24	0	Brown fine SAND, little silt, little coarse to fine gravel, wet	SP	6-5-4-5		25
30	NA	S-7 13-15	No	NA	24	0	Brown coarse to fine SAND, little silt, some coarse to fine gravel, wet	SP	35-35-30-36		30
35	NA	S-7 15-17	No	NA	24	0	Brown medium to fine SAND, little silt, little medium to fine gravel, wet	SP	12-14-16-15		35
40	NA	S-7 17-19	No	NA	24	0	Brown medium to fine SAND, trace silt, little medium to fine gravel, wet	SP	12-3-1-15		40
45	NA	S-7 19-21	No	NA	18	0	End of Boring at 20.5 feet. Laboratory Soil Sample collected from 7.5-8.0 feet. Analytes: VO, MTBE. Water Table at ~7.5 ft.		40-57-100/5		45

M2

ABB Environmental Services, Inc.

FIELD BORING LOG

BORING NO.: MBSB03

Client/Site: Manly-Barnson / Site B, Manchester, CT	Project No.: 09115-00
Contractor: ABB Environmental Services, Inc.	Date Started: 8/24/94
Method: Hand Auger	Casing Size: NA
Ground Elev. UNKNOWN	Soil Drilled: 2.5 ft.
Logged by: MJM	Permit # NA
	Date:

Page 1 of 1

Depth (FT)	PID AIR (PPM)	Sample Number and Depth (ft. bls)	Laboratory Analysis	Field UV/IR	Recovery/ Penetration (in)	PID Sample (PPM)	Soil/Rock Description	Soil Class	Blower/6 inches	Well Data	Depth (FT)
0	NA	S-1 0.5-1.0	No	NA	NA	0	Top 6 inches is concrete and gravel	SP	NA		0
2	NA	S-2 2.5-3.0	No	NA	NA	0	Brown fine SAND, some silt, some coarse to fine gravel	ML-GM	NA		2
4							Brown SILT, and coarse to fine Gravel				4
6							End of Boring at 3.5 feet. Laboratory Soil Sample collected from 0.5-1.0 and 2.5-3.0 feet. Analytes: VO, MTBE. Water Table not encountered				6
8											8
10											10
12											12
14											14
16											16
18											18

M2

ABB Environmental Services, Inc.

FIELD BORING LOG

BORING NO.: MBMW05

Client: Manley-Benson, Site B	Project No.: 09115-00
Contractor: New England Boring Contractors of CT, Inc.	Date Started: 8/23/94
Method: HSA	Casing Size: 4 1/4" ID
Ground Elev. UNKNOWN	Soil Drilled: 14.5 ft.
Logged by: MUM	Permit # NA
	Date:

Page 1 of 1

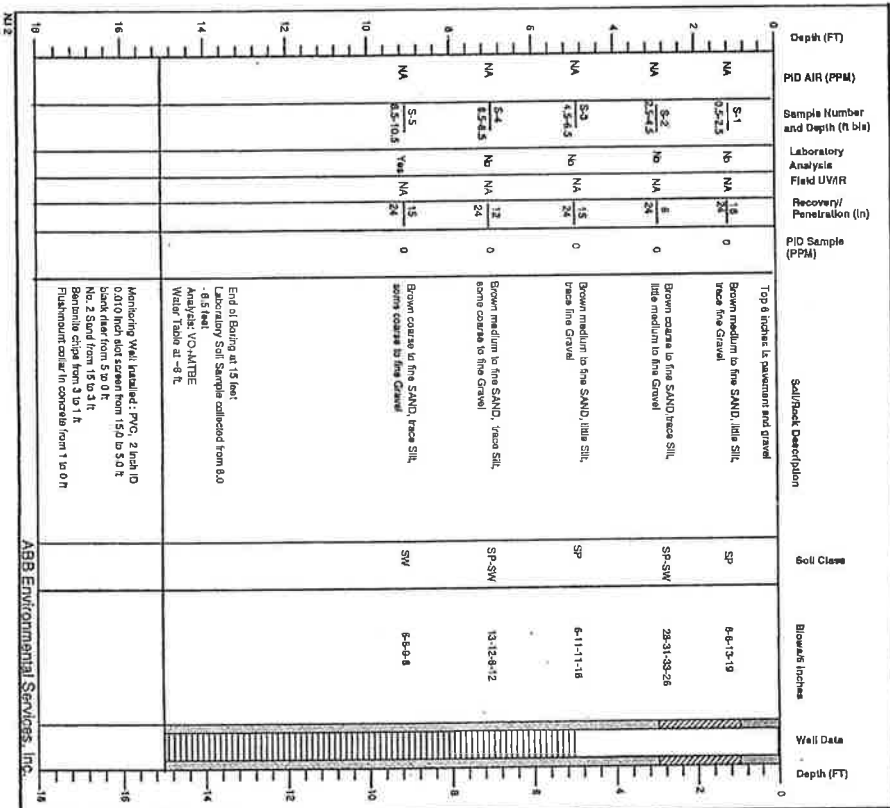


ABB Environmental Services, Inc.

FIELD BORING LOG

BORING NO.: MBMW06

Client / Site: Manley-Benson / Site B, Manchester CT	Project No.: 09115-00
Contractor: New England Boring Contractors of CT, Inc.	Date Started: 8/23/94
Method: HSA	Casing Size: 4 1/4" ID
Ground Elev. UNKNOWN	Soil Drilled: 12.5 ft.
Logged by: MUM	Permit # NA
	Date:

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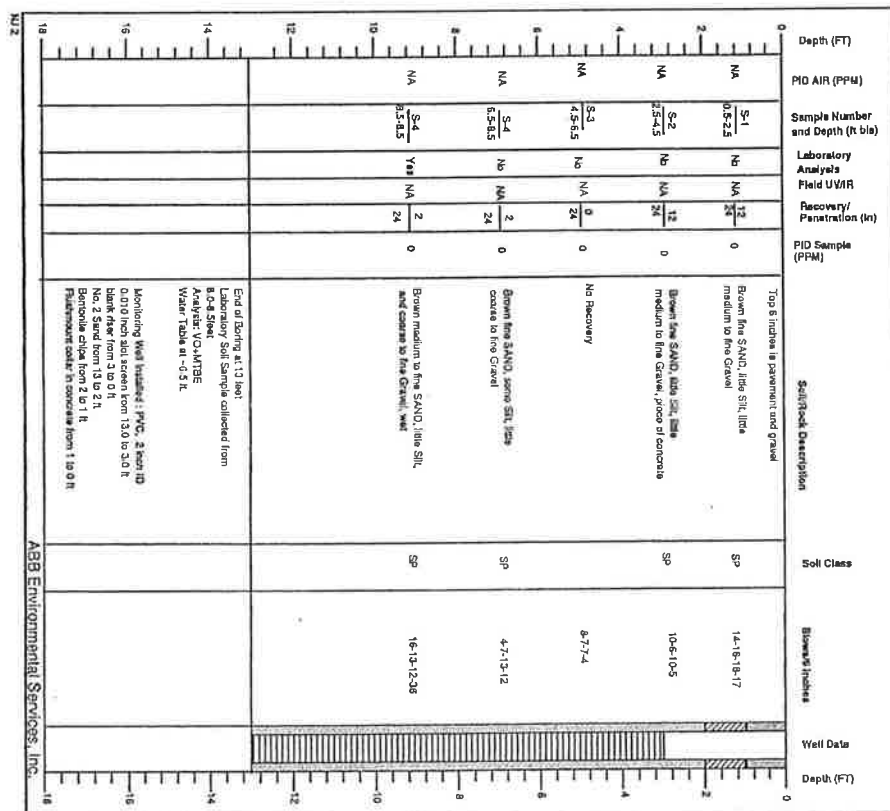


ABB Environmental Services, Inc.

FIELD BORING LOG

BORING NO.: MBMW07

Client / Site: Hanley-Benson / Site B, Manchester CT	Project No.: 09115-00
Contractor: New England Boring Contractors of CT, Inc.	Date Started: 8/23/94
Method: HSA	Casing Size: 4 1/4" ID
Ground Elev. UNKNOWN	Soil Drilled: 12.5 ft.
Logged by: MLM	Permit # NA
	Date:
	Protection Level: Level D
	Ground Water Depth (BGS): 5.8 ft.
	Total Depth: 13 ft.

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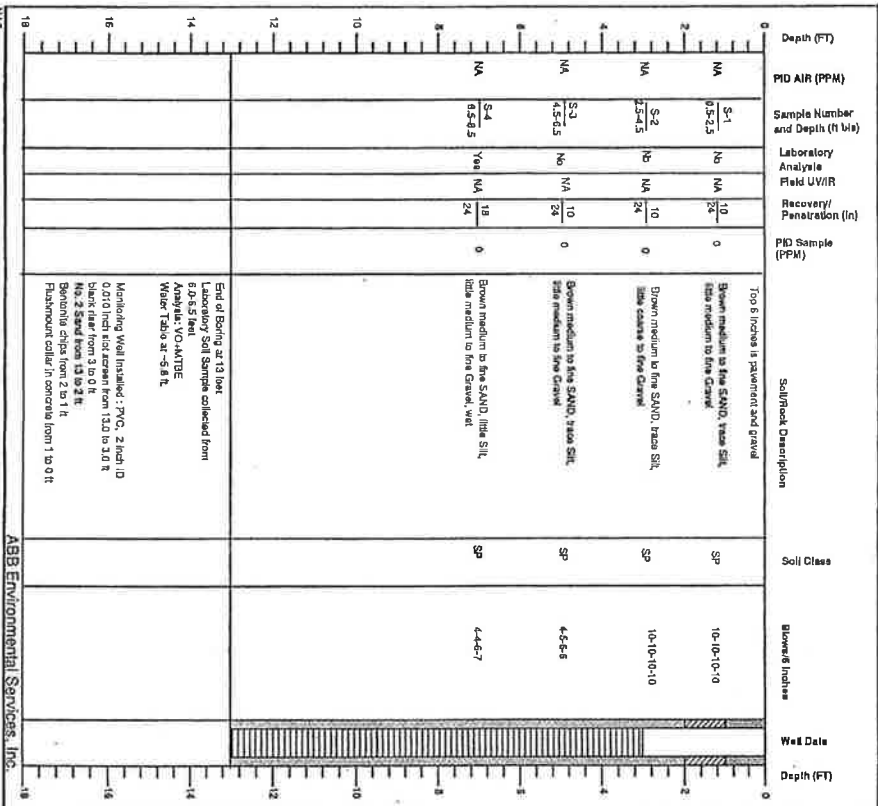


ABB Environmental Services, Inc.

FIELD BORING LOG

BORING NO.: MBMW08

Client / Site: Hanley-Benson / Site B, Manchester CT	Project No.: 09115-00
Contractor: New England Boring Contractors of CT, Inc.	Date Started: 8/24/94
Method: HSA	Casing Size: 4 1/4" ID
Ground Elev. UNKNOWN	Soil Drilled: 8 ft.
Logged by: MLM	Permit # NA
	Date:
	Protection Level: Level D
	Ground Water Depth (BGS): 2.4 ft.
	Total Depth: 8 ft.

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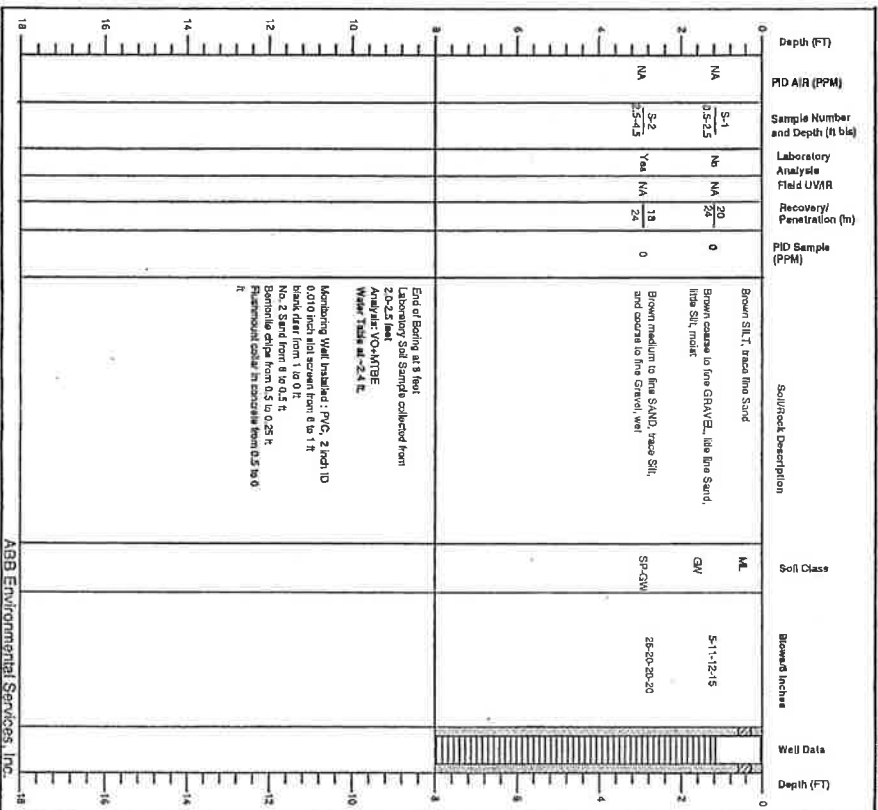


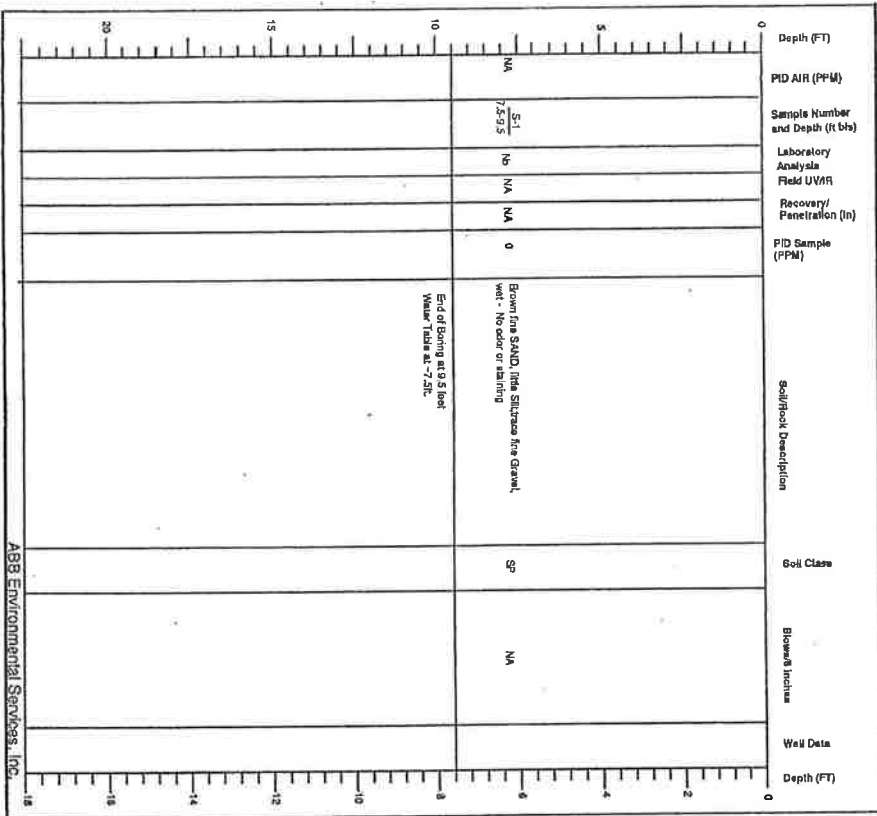
ABB Environmental Services, Inc.

FIELD BORING LOG

BORING NO.: EB-01

Client: Mantley-Barnston, Site B	Project No.: 09115-00
Contractor: New England Boring Contractors of CT, Inc.	Date Started: 9/2/94
Method: HSA	Date Completed: 9/2/94
Ground Elev. 124.00M	Soil Drilled: 9 ft.
Logged by: GV	Permit # NA
	Date:

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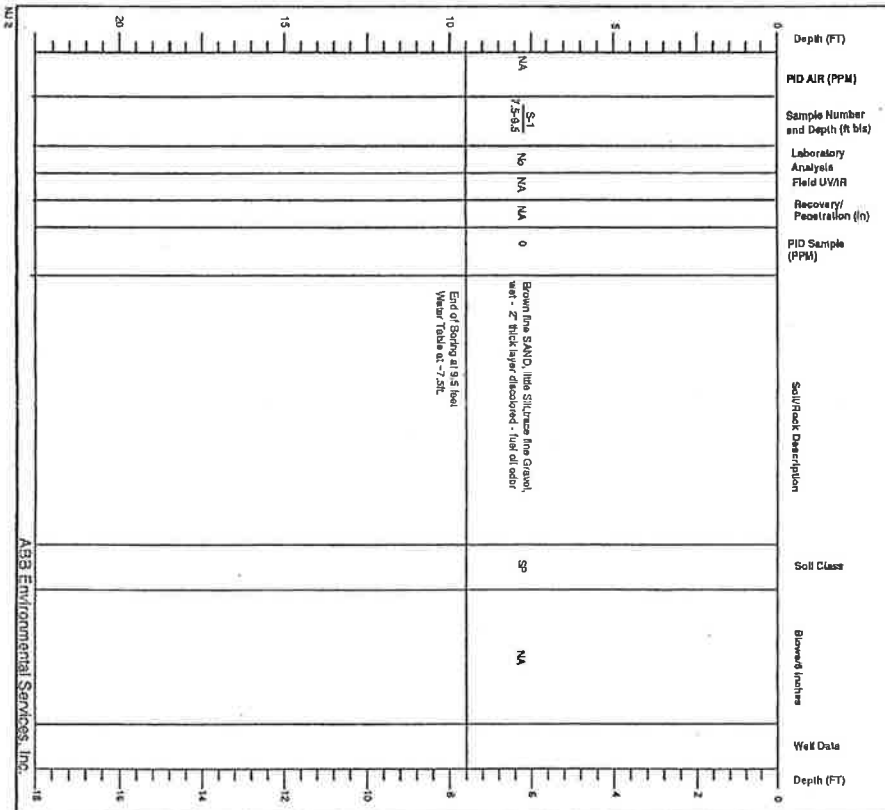
AEB Environmental Services, Inc.

FIELD BORING LOG

BORING NO.: EB-02

Client: Mantley-Barnston, Site B	Project No.: 09115-00
Contractor: New England Boring Contractors of CT, Inc.	Date Started: 9/2/94
Method: HSA	Date Completed: 9/2/94
Ground Elev. 124.00M	Soil Drilled: 9 ft.
Logged by: GV	Permit # NA
	Date:

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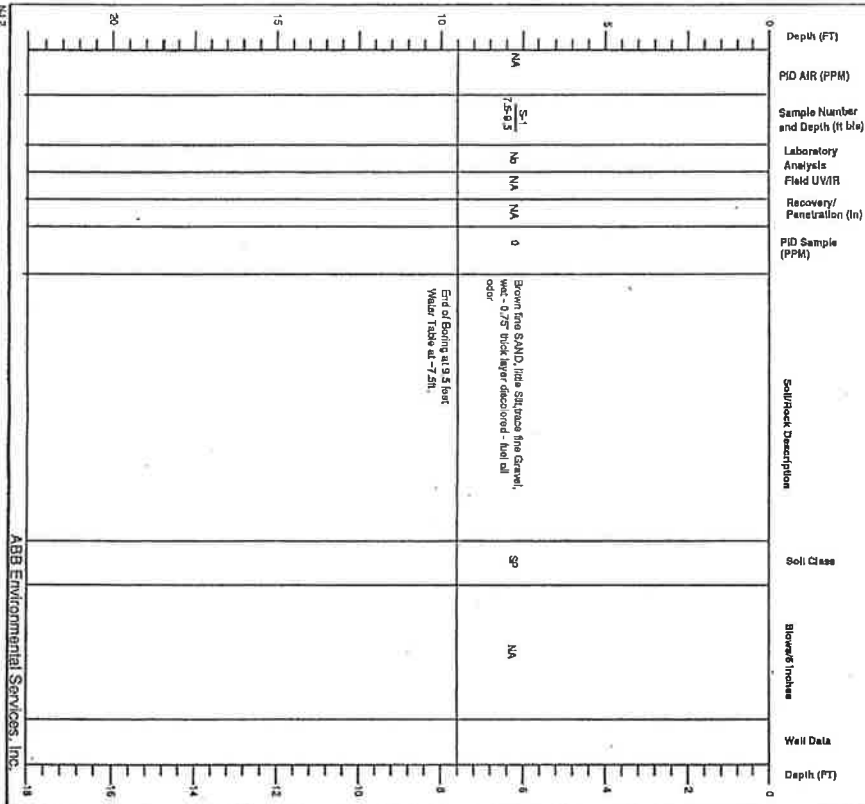
AEB Environmental Services, Inc.

FIELD BORING LOG

BORING NO.: EB-03

Client: Manley-Berenson, Site B		Project No.: 09115-00	
Contractor: New England Boring Contractors of CT, Inc.		Date Started: 9/2/94	
Method: HSA		Date Completed: 9/2/94	
Ground Elev.: UNKNOWN		Production Level: Level D	
Soil Drilled: 9 ft.		Ground Water Depth (BGS): -7.5 ft	
Logged by: GV		Date:	
		Permit # NA	

Page 1 of 1

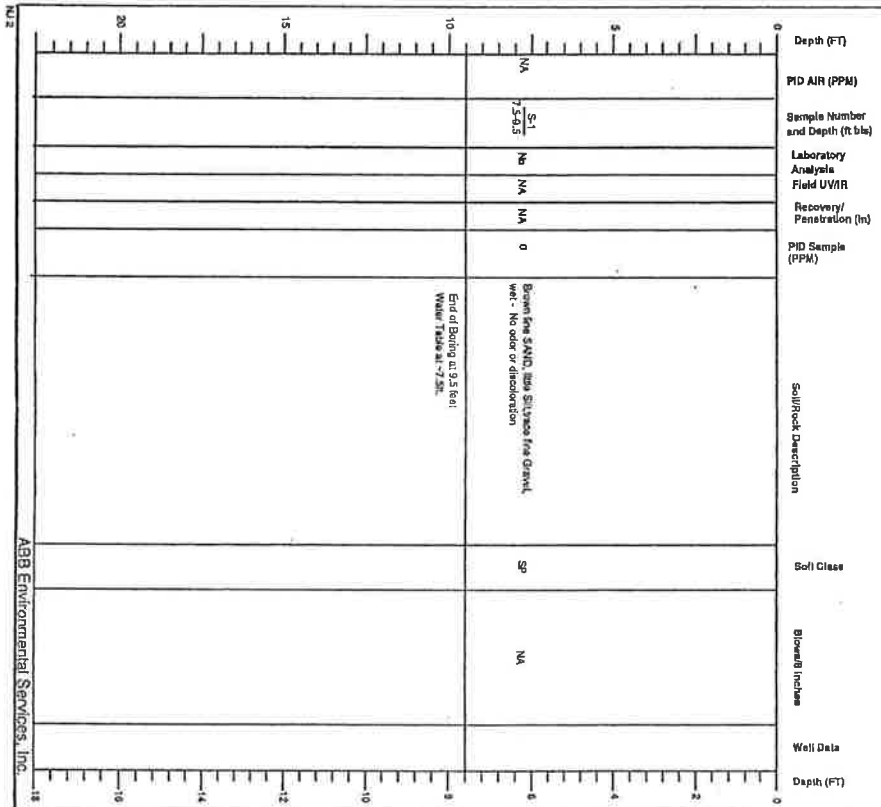


FIELD BORING LOG

BORING NO.: EB-04

Client: Manley-Berenson, Site B		Project No.: 09115-00	
Contractor: New England Boring Contractors of CT, Inc.		Date Started: 9/2/94	
Method: HSA		Date Completed: 9/2/94	
Ground Elev.: UNKNOWN		Production Level: Level D	
Soil Drilled: 9 ft.		Ground Water Depth (BGS): -7.5 ft	
Logged by: GV		Date:	
		Permit # NA	

Page 1 of 1

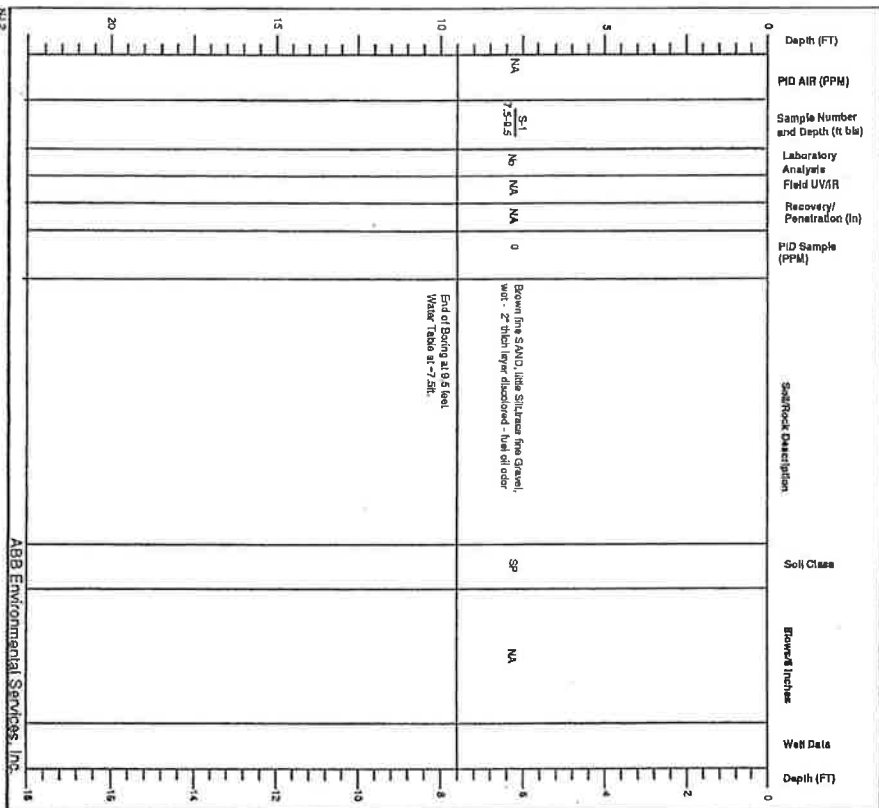


FIELD BORING LOG

BORING NO.: EB-05

Client: Manley-Sarason, Site B		Project No.: 09115-00	
Contractor: New England Boring Contractors of CT, Inc.		Date Started: 9/2/94	
Method: HSA		Date Completed: 9/2/94	
Ground Elev. Unknown		PID: HNU	
Casing Size: 4 1/4" ID		Protection Level: Level D	
Soil Drilled: 9 ft.		Ground Water Depth (BGS): -7.5 ft	
Total Depth: 9.5 ft.		Permit # NA	
Logged by: GV		Date:	

Page 1 of 1

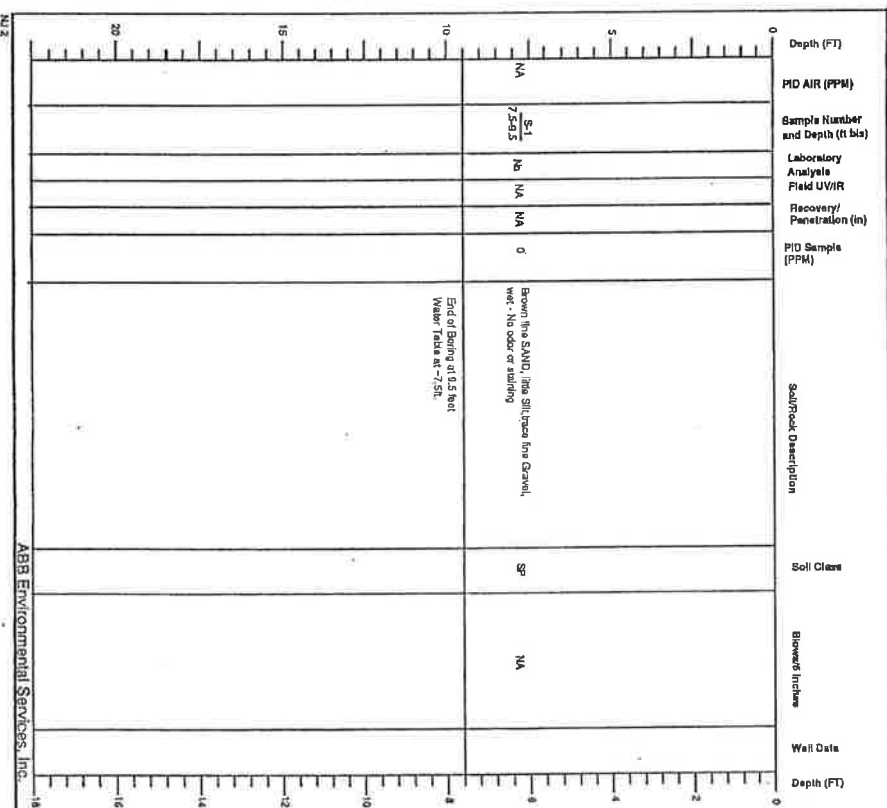


FIELD BORING LOG

BORING NO.: EB-06

Client: Manley-Sarason, Site B		Project No.: 09115-00	
Contractor: New England Boring Contractors of CT, Inc.		Date Started: 9/2/94	
Method: HSA		Date Completed: 9/2/94	
Ground Elev. Unknown		PID: HNU	
Casing Size: 4 1/4" ID		Protection Level: Level D	
Soil Drilled: 9 ft.		Ground Water Depth (BGS): -7.5 ft	
Total Depth: 9.5 ft.		Permit # NA	
Logged by: GV		Date:	

Page 1 of 1



APPENDIX B

APPENDIX B
LABORATORY ANALYTICAL REPORT-SOIL



ENVIRONMENTAL LABORATORIES

September 1, 1994

Mr. Garry Van Heest
ABB Environmental Services, Inc.
34 Industrial Park Place
Middletown, CT 06457

Dear Mr. Van Heest:

WORK ORDER NUMBER: WK1162

Please find enclosed the Report of Analysis (ROA) for the samples received by the laboratory on August 25, 1994. This cover letter is an integral part of the ROA.

Effective August 3, our laboratory completed its consolidation with PACE Laboratories and ETC Laboratories. Our new company is called PACE, Inc., and you will see this reflected on our new letterhead. In the interim, until such time as all our systems are changed, reports of analysis along with other supporting documentation will show Coast-to-Coast.

All other aspects of our local operation will remain the same. Additionally, we will now be able to offer you a broader range of analytical services through this PACE National System. We will be in contact with you shortly to provide more information on what the new company can offer.

Your patience during this transition is appreciated. If you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact me. We appreciate your continued use of our laboratory and look forward to working with you in the future.

Sincerely,

PACE, INC.

Jon B. Boute

Jon B. Boute
Project Manager

JBB/dmt

c. M. McCloskey, ABB-NI

340 County Road 16
Westbrook, ME 04092
TEL: (207) 874-2400
FAX: (207) 775-4029

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(207) 874-2400
Fax (207) 775-4029

CLIENT: GARRY VAN HEEST
ABB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PERHAM, ME 04412

Lab Number: WK-1162-1
Report Date: 09/01/94
PO No.: MEA-94-01 -NO
Project: 09115.00

REPORT OF ANALYTICAL RESULTS Page 1 of 16

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED			
MESB0105	Solid	M. McCloskey	08/22/94 08/25/94			
PARAMETER	RESULT	UNITS	DP	*PCL METHOD	ANALYZED BY	NOTES
Solids-Total Residue (TS)	80.	wt %	1.0	0.10 CLP/CIP SCW 08/26/94	JF	1

* PCL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.
(1) Sample Preparation on 08/25/94 by JF

09/01/94

LJC/ejm/jn/gsh

CC: GARRY VAN HEEST
@ABB-CT

Camden, CA • San Jose, CA • Waterville, ME • Indianapolis, IN • Westbrook, ME



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CLIENT: GARRY VAN HESST
HAB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DYS
PORTLAND, ME 04112

Lab Number : ME-1162-1
Report Date: 09/01/94
PO No. : ME-94-01 -MO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS Page 2 of 16

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED				
MESEB0105	Solid	M. McCLOSKEY	08/22/94 08/25/94				
PARAMETER	RESULT	UNITS	DF	*PQL	METHOD	ANALYZED BY	NOTES
TCV Volatile Organics + MINE by							
MESEA 8240							1, 2, 3
Bromochloroethane	<13.	µg/kg dry wt	1.3	10	EPA 8240 08/25/94	CB	
Bromochloroethane	<13.	µg/kg dry wt	1.3	10	EPA 8240 08/25/94	CB	
Vinyl chloride	<13.	µg/kg dry wt	1.3	10	EPA 8240 08/25/94	CB	
Chloroethane	<13.	µg/kg dry wt	1.3	10	EPA 8240 08/25/94	CB	
Methylamine chloride	<20.	µg/kg dry wt	1.3	15	EPA 8240 08/25/94	CB	
Acetone	<20.	µg/kg dry wt	1.3	10	EPA 8240 08/25/94	CB	
Carbon disulfide	<13.	µg/kg dry wt	1.3	10	EPA 8240 08/25/94	CB	
1,1-Dichloroethane	<6.5	µg/kg dry wt	1.3	5	EPA 8240 08/25/94	CB	
1,1-Dichloroethane	<6.5	µg/kg dry wt	1.3	5	EPA 8240 08/25/94	CB	
Total 1,2-Dichloroethane	<6.5	µg/kg dry wt	1.3	5	EPA 8240 08/25/94	CB	
Chloroform	<6.5	µg/kg dry wt	1.3	5	EPA 8240 08/25/94	CB	
1,2-Dichloroethane	<6.5	µg/kg dry wt	1.3	5	EPA 8240 08/25/94	CB	

- * PQL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results associated with 'c' values.
- (1) The method blank contained Methylene Chloride and Ethylbenzene at 15 and 11 µg/kg respectively.
- (2) *g* flag denotes detection of this analyte in the laboratory method blank analyzed concurrently with the sample.
- (3) *u* flag denotes an estimated value less than the laboratory's Practical Quantitation Level.

09/01/94

LDO/KGcas/jlb (dw) /150

CC: GARRY VAN HESST
@BBB-CT

Cambridge, PA • San Jose, CA • Watertown, MA • Westbrook, ME



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Fax (207) 775-4029

CLIENT: GARRY VAN HESST
HAB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DYS
PORTLAND, ME 04112

Lab Number : ME-1162-1
Report Date: 09/01/94
PO No. : ME-94-01 -MO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS Page 3 of 16

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED				
MESEB0105	Solid	M. McCLOSKEY	08/22/94 08/25/94				
PARAMETER	RESULT	UNITS	DF	*PQL	METHOD	ANALYZED BY	NOTES
2-Butanone							
<20.	µg/kg dry wt	1.3	15 EPA 8240	08/25/94	CB		
1,1,1-Trichloroethane	<6.5	µg/kg dry wt	1.3	5 EPA 8240	08/25/94	CB	
Carbon tetrachloride	<6.5	µg/kg dry wt	1.3	5 EPA 8240	08/25/94	CB	
Vinyl acetate	<20.	µg/kg dry wt	1.3	15 EPA 8240	08/25/94	CB	
Bromodichloroethane	<6.5	µg/kg dry wt	1.3	5 EPA 8240	08/25/94	CB	
1,2-Dichloroethane	<6.5	µg/kg dry wt	1.3	5 EPA 8240	08/25/94	CB	
cis-1,3-Dichloropropene	<6.5	µg/kg dry wt	1.3	5 EPA 8240	08/25/94	CB	
Trichloroethane	<6.5	µg/kg dry wt	1.3	5 EPA 8240	08/25/94	CB	
Dibromochloroethane	<6.5	µg/kg dry wt	1.3	5 EPA 8240	08/25/94	CB	
1,1,2-Trichloroethane	<6.5	µg/kg dry wt	1.3	5 EPA 8240	08/25/94	CB	
Benzene	<6.5	µg/kg dry wt	1.3	5 EPA 8240	08/25/94	CB	
trans-1,3-Dichloropropene	<6.5	µg/kg dry wt	1.3	5 EPA 8240	08/25/94	CB	
Bromoform	<6.5	µg/kg dry wt	1.3	5 EPA 8240	08/25/94	CB	
4-Methyl-2-pentanone	<20.	µg/kg dry wt	1.3	15 EPA 8240	08/25/94	CB	

- * PQL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results associated with 'c' values.

09/01/94

LDO/KGcas/jlb (dw) /150

CC: GARRY VAN HESST
@BBB-CT



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340 County Road, No. 5 • P.O. Box 7720 • Westbrook, ME 04098
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Fax (207) 775-4029

CLIENT: GARRY VAN HEEST
2AB ENVIRONMENTAL SERVICES
110 RIVER STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

LAND NUMBER: W0-1157-2
Report Date: 09/01/94
FO No.: MSA-94-01-MO
Project: 09115.00

Page 4 of 16

REPORT OF ANALYTICAL RESULTS							Page 5 of 16
SAMPLE DESCRIPTION	MATRIX	SWEEPED BY	SWEEPED DATE RECEIVED				
MSB00207	Solid	M. McLOREY	08/24/94 08/25/94				
PARAMETER	RESULT	UNITS	DF	*QCL METHOD	ANALYZED BY	NOTES	
Solids-Total Residue (TS)	88.	wt %	1.0	0.10 CLP/CLD SCW	08/26/94	JF 1	

* QCL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with 'c' values (1) Sample Preparation on 08/25/94 by JF

* PQL (Practical Quantitation Limit) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with ' \leq ' values

09/01/94
LJO/kgcas/jbb(dw)/Ljc
cc: GARRY VAN HEEST
@ABB-CT

Cumartilla, C.A. • San Tere C.A. • Valmoraín M. • T. de ... M. • 197, ...

09/01/94
LDJ/ejnejn/pjh
CC: GARRY VAN HEEST
@ABR-CT

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CLIENT: GERRY VAN HESST
A&B ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

Lab Number : KC-1162-2
Report Date: 09/01/94
PO No. : NSR-94-01 -NO
Project : 09115.00

Page 6 of 16

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED			
MESE0207	Solid	M. McCLOSKEY	08/24/94 08/25/94			
PARAMETER	RESULT	UNITS	DF	*POL. METHOD	ANALYZED BY	NOTES
TCU Volatile Organics + MESE by						
USEPA 8240						1,2,3
Chloroethane	<1.	µg/kgdrywt	1.1	10 EPA 8240 08/25/94	CB	
Bromochloroethane	<1.	µg/kgdrywt	1.1	10 EPA 8240 08/25/94	CB	
Vinyl chloride	<1.	µg/kgdrywt	1.1	10 EPA 8240 08/25/94	CB	
Chloroethene	<1.	µg/kgdrywt	1.1	10 EPA 8240 08/25/94	CB	
Methylene chloride	UB4	µg/kgdrywt	1.1	10 EPA 8240 08/25/94	CB	
Acetone	US	µg/kgdrywt	1.1	15 EPA 8240 08/25/94	CB	
Carbon disulfide	<1.	µg/kgdrywt	1.1	10 EPA 8240 08/25/94	CB	
1,1-Dichloroethane	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	
1,1-Dichloroethene	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	
Total 1,2-Dichloroethane	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	
Chloroform	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	
1,2-Dichloroethane	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	

- * POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.
- (1) 'U' flag denotes an estimated value less than the laboratory's Practical Quantitation Level.
- (2) 'g' flag denotes detection of this analyte in the laboratory method blank analyzed concurrently with the sample.
- (3) The method blank contained Methylene Chloride at 05 µg/kg.

09/01/94

LJO/Kégoes/jbh (ba) /jjo

CC: GERRY VAN HESST
@A&B-CT

Form 111a, P.O. Box 720, Westbrook, ME 04098, Rev. 10-93



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CLIENT: GERRY VAN HESST
A&B ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

Lab Number : KC-1162-2
Report Date: 09/01/94
PO No. : NSR-94-01 -NO
Project : 09115.00

Page 7 of 16

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	ANALYZED DATE RECEIVED			
MESE0207	Solid	M. McCLOSKEY	08/24/94 08/25/94			
PARAMETER	RESULT	UNITS	DF	*POL. METHOD	ANALYZED BY	NOTES
2-Butanone						
1,1,1-Trichloroethane	<17.	µg/kgdrywt	1.1	15 EPA 8240 08/25/94	CB	
Carbon tetrachloride	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	
Vinyl acetate	<17.	µg/kgdrywt	1.1	15 EPA 8240 08/25/94	CB	
Bromochloroethane	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	
1,2-Dichloropropane	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	
cis-1,3-Dichloropropene	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	
Trichloroethene	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	
Dichloroethene	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	
1,1,2-Trichloroethane	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	
Benzene	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	
trans-1,3-Dichloropropene	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	
Bromoform	<5.5	µg/kgdrywt	1.1	5 EPA 8240 08/25/94	CB	
4-Methyl-2-pentanone	<17.	µg/kgdrywt	1.1	15 EPA 8240 08/25/94	CB	

- * POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.

09/01/94

LJO/Kégoes/jbh (ba) /jjo

CC: GERRY VAN HESST
@A&B-CT

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CLIENT: GAREY VAN HESST
A&B ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
ROCKLAND, ME 04112

Lab Number : MC-1162-2
Report Date: 09/01/94
PO No. : MSN-94-01 -NO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS Page 8 of 16

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	ANALYZED DATE RECEIVED
MSRB0207	Solid	M. McCLOSKEY	08/24/94 08/25/94
PARAMETER	RESULT	DP	*PQL METHOD ANALYZED BY NOTES
2-Hexanone	<17.	µg/kgdrywt 1.1	15 EPA 8240 08/25/94 CB
Tetrachlorobenzene	<5.5	µg/kgdrywt 1.1	5 EPA 8240 08/25/94 CB
1,1,2,2-Tetrachlorobenzene	<5.5	µg/kgdrywt 1.1	5 EPA 8240 08/25/94 CB
Toluene	<5.5	µg/kgdrywt 1.1	5 EPA 8240 08/25/94 CB
Chlorobenzene	<5.5	µg/kgdrywt 1.1	5 EPA 8240 08/25/94 CB
Ethylbenzene	<5.5	µg/kgdrywt 1.1	5 EPA 8240 08/25/94 CB
Styrene	<5.5	µg/kgdrywt 1.1	5 EPA 8240 08/25/94 CB
Tolyl Xylenes	<5.5	µg/kgdrywt 1.1	5 EPA 8240 08/25/94 CB
Methylterbutyl ether	<11.	µg/kgdrywt 1.1	10 EPA 8240 08/25/94 CB
1,2-Dichlorobenzene (% Recovery)	100.	%	EPA 8240 08/25/94 CB
Toluene-d8 (% Recovery)	91.	%	EPA 8240 08/25/94 CB
p-Bromochlorobenzene (% Recovery)	100.	%	EPA 8240 08/25/94 CB

* PQL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with "<" values.

09/01/94
LMO/cjmsjv/gph
CC: GAREY VAN HESST
MSRB-CT

Camden, CA • San Jose, CA • Valparaiso, IN • Westbrook, ME



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CLIENT: GAREY VAN HESST
A&B ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
ROCKLAND, ME 04112

Lab Number : MC-1162-3
Report Date: 09/01/94
PO No. : MSN-94-01 -NO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS Page 9 of 16

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	ANALYZED DATE RECEIVED			
MSRB0300	Solid	M. McCLOSKEY	08/24/94 08/25/94			
PARAMETER	RESULT	UNITS	DP	*PQL METHOD	ANALYZED BY	NOTES
Solids-Total Residue (TS)	93.	wt %	1.0	0.10 CLP/CTP SCW	08/26/94	UF 1

* PQL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with "<" values.
(1) Sample Preparation on 08/25/94 by UF

09/01/94
LMO/cjmsjv/gph
CC: GAREY VAN HESST
MSRB-CT



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COAST-TO-COAST ANALYTICAL SERVICES, INC.

CLIENT: GAREY VAN HESST
RAB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

Lab Number : NK-1152-3
Report Date: 09/01/94
PO No. : NKA-94-01 -ND
Project : 09115.00

REPORT OF ANALYTICAL RESULTS Page 10 of 16

SAMPLE DESCRIPTION	MATRIX	SAMPLER BY	SAMPLER DATE RECEIVED	REPORT OF ANALYTICAL RESULTS	
				RESULT	UNITS
MSB0300	Solid	M. McCloskey	08/24/94	08/25/94	1,2,3
PARAMETER					
TOL Volatile Organics + MIBK by					
USDA 8240					
Chloromethane	µg/kg dry wt	1.1	10 EPA 8240 08/25/94	CB	<1.1
Bromomethane	µg/kg dry wt	1.1	10 EPA 8240 08/25/94	CB	<1.1
Vinyl chloride	µg/kg dry wt	1.1	10 EPA 8240 08/25/94	CB	<1.1
Chloroethane	µg/kg dry wt	1.1	10 EPA 8240 08/25/94	CB	<1.1
Methylene chloride	µg/kg dry wt	1.1	10 EPA 8240 08/25/94	CB	<1.1
Acetone	µg/kg dry wt	1.1	10 EPA 8240 08/25/94	CB	<1.1
Carbon disulfide	µg/kg dry wt	1.1	10 EPA 8240 08/25/94	CB	<1.1
1,1-Dichloroethane	µg/kg dry wt	1.1	10 EPA 8240 08/25/94	CB	<1.1
1,1,1-Trichloroethane	µg/kg dry wt	1.1	10 EPA 8240 08/25/94	CB	<1.1
Total 1,2-Dichloroethane	µg/kg dry wt	1.1	10 EPA 8240 08/25/94	CB	<1.1
Chloroform	µg/kg dry wt	1.1	10 EPA 8240 08/25/94	CB	<1.1
1,2-Dichloroethane	µg/kg dry wt	1.1	10 EPA 8240 08/25/94	CB	<1.1

- * FGL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with 'v' values.
- (1) "v" flag denotes an estimated value less than the laboratory's Practical Quantitation Level.
- (2) "g" flag denotes detection of this analyte in the laboratory method blank analyzed concurrently with the sample.
- (3) The method blank contained Methylene Chloride at 0.5 µg/kg.

09/01/94

LVD/Ksguasi/jbb (dml)/jjo

CC: GAREY VAN HESST

@RAB-CT

Cambridge, MA • Free State, MA • Westborough, MA • Portland, ME • Westbrook, ME



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COAST-TO-COAST ANALYTICAL SERVICES, INC.

CLIENT: GAREY VAN HESST
RAB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

Lab Number : NK-1152-3
Report Date: 09/01/94
PO No. : NKA-94-01 -ND
Project : 09115.00

REPORT OF ANALYTICAL RESULTS Page 11 of 16

SAMPLE DESCRIPTION	MATRIX	SAMPLER BY	SAMPLER DATE RECEIVED	REPORT OF ANALYTICAL RESULTS	
				RESULT	UNITS
MSB0300	Solid	M. McCloskey	08/24/94	08/25/94	1,2,3
PARAMETER					
2-Butanone					
1,1,1-Trichloroethane	µg/kg dry wt	1.1	15 EPA 8240 08/25/94	CB	<1.1
Carbon tetrachloride	µg/kg dry wt	1.1	5 EPA 8240 08/25/94	CB	<1.1
Vinyl acetate	µg/kg dry wt	1.1	15 EPA 8240 08/25/94	CB	<1.1
Bromodichloromethane	µg/kg dry wt	1.1	5 EPA 8240 08/25/94	CB	<1.1
1,2-Dichloroethane	µg/kg dry wt	1.1	5 EPA 8240 08/25/94	CB	<1.1
Chloroform	µg/kg dry wt	1.1	5 EPA 8240 08/25/94	CB	<1.1
1,1,1-Trichloroethane	µg/kg dry wt	1.1	5 EPA 8240 08/25/94	CB	<1.1
Dibromodichloromethane	µg/kg dry wt	1.1	5 EPA 8240 08/25/94	CB	<1.1
1,1,2-Trichloroethane	µg/kg dry wt	1.1	5 EPA 8240 08/25/94	CB	<1.1
Benzene	µg/kg dry wt	1.1	5 EPA 8240 08/25/94	CB	<1.1
trans-1,3-Dichloropropene	µg/kg dry wt	1.1	5 EPA 8240 08/25/94	CB	<1.1
Bromobenzene	µg/kg dry wt	1.1	5 EPA 8240 08/25/94	CB	<1.1
4-Methyl-2-pentanone	µg/kg dry wt	1.1	15 EPA 8240 08/25/94	CB	<1.1

- * FGL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with 'v' values.

09/01/94

LVD/Ksguasi/jbb (dml)/jjo

CC: GAREY VAN HESST

@RAB-CT

Cambridge, MA • Free State, MA • Westborough, MA • Portland, ME • Westbrook, ME



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE IN ANALYSIS
Northeastern Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098
(207) 874-2400
Fax (207) 775-4029

CLIENT: GAREY VAN HESST
A&B ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number : ME-1162-3
Report Date: 09/01/94
PO No. : MEA-94-01 -MO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS Page 12 of 16

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
MEB0300	Solid	M. MCCLUREY	08/24/94 08/25/94
PARAMETER	RESULT UNITS	DF	*POL METHOD ANALYZED BY NOTES
2-Resonance	<1.7	µg/kgdrywt 1.1	15 EPA 8240 08/25/94 CB
Tetrachloroethers	<5.5	µg/kgdrywt 1.1	5 EPA 8240 08/25/94 CB
1,1,2,2-Tetrachloroethane	<5.5	µg/kgdrywt 1.1	5 EPA 8240 08/25/94 CB
Toluene	<5.5	µg/kgdrywt 1.1	5 EPA 8240 08/25/94 CB
Chlorobenzene	<5.5	µg/kgdrywt 1.1	5 EPA 8240 08/25/94 CB
Ethylbenzene	<5.5	µg/kgdrywt 1.1	5 EPA 8240 08/25/94 CB
Styrene	<5.5	µg/kgdrywt 1.1	5 EPA 8240 08/25/94 CB
Tolyl Xylene	<1.1	µg/kgdrywt 1.1	10 EPA 8240 08/25/94 CB
Methylterbutyl ether	<1.1	µg/kgdrywt 1.1	5 EPA 8240 08/25/94 CB
1,2-Dichloroethane (% Recovery)	105.	%	EPA 8240 08/25/94 CB
Toluene-d8 (% Recovery)	97.	%	EPA 8240 08/25/94 CB
p-Bromochlorobenzene (% Recovery)	94.	%	EPA 8240 08/25/94 CB

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.

09/01/94

L20/66gms/1lb (dw)/1jo

CC: GAREY VAN HESST
@RB-CT



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE IN ANALYSIS
Northeastern Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098
(207) 874-2400
Fax (207) 775-4029

CLIENT: GAREY VAN HESST
A&B ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number : ME-1162-4
Report Date: 09/01/94
PO No. : MEA-94-01 -MO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS Page 13 of 16

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
MEB0303	Solid	M. MCCLUREY	08/24/94 08/25/94
PARAMETER	RESULT UNITS	DF	*POL METHOD ANALYZED BY NOTES
Solids-Total Residue (TS)	98.	wt % 1.0	0.10 CLP/CIP SOM 08/26/94 JF 1

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.
(1) Sample Preparation on 08/25/94 by JF

09/01/94

L20/66gms/1lb (dw)/1jo

CC: GAREY VAN HESST
@RB-CT



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE IN ANALYSIS
Northeast Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098
(207) 874-2400
Fax (207) 775-4029

CLIENT: GAREY VAN HEST
ABB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number : ME-1162-4
Report Date: 09/01/94
PO No. : MEA-94-01 -NO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS

Page 14 of 16

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
ME590303	Solid	M. MCCLOSKEY	08/24/94 08/25/94
PARAMETER	RESULT UNITS	DF	*POL. METHOD ANALYZED BY NOTES
TCL Volatile Organics + MIBK by			
DEGRA 8240			1,2,3
Chloromethane	<10	µg/kgdrywt 1.0	10 EPA 8240 08/25/94 CB
Bromomethane	<10	µg/kgdrywt 1.0	10 EPA 8240 08/25/94 CB
Vinyl chloride	<10	µg/kgdrywt 1.0	10 EPA 8240 08/25/94 CB
Chloroethane	<10	µg/kgdrywt 1.0	10 EPA 8240 08/25/94 CB
Methylene chloride	254	µg/kgdrywt 1.0	15 EPA 8240 08/25/94 CB
Acetone	<15	µg/kgdrywt 1.0	10 EPA 8240 08/25/94 CB
Carbon disulfide	<10	µg/kgdrywt 1.0	10 EPA 8240 08/25/94 CB
1,1-Dichloroethane	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB
1,1,2-Dichloroethane	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB
Total 1,2-Dichloroethane	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB
Chloroform	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB
1,2-Dichloroethane	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB

- * RQL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.
(1) "U" flag denotes an estimated value less than the laboratory's Practical Quantitation Level.
(2) "B" flag denotes detection of this analyte in the laboratory method blank analyzed concurrently with the sample.
(3) The method blank contained Methylene Chloride at 05 µg/kg.

09/01/94

LJO/KEG/as/jbb (aw) 1/50

CC: GAREY VAN HEST

ABB-CI

Camden, CA • San Jose, CA • Valparaiso, IN • Westbrook, ME



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE IN ANALYSIS
Northeast Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098
(207) 874-2400
Fax (207) 775-4029

CLIENT: GAREY VAN HEST
ABB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number : ME-1162-4
Report Date: 09/01/94
PO No. : MEA-94-01 -NO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS

Page 15 of 16

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
ME590303	Solid	M. MCCLOSKEY	08/24/94 08/25/94
PARAMETER	RESULT UNITS	DF	*POL. METHOD ANALYZED BY NOTES
2-Butanone			
1,1,1-Trichloroethane	<15	µg/kgdrywt 1.0	15 EPA 8240 08/25/94 CB
Chloro tetrahydrofuran	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB
Vinyl acetate	<15	µg/kgdrywt 1.0	15 EPA 8240 08/25/94 CB
Bromodichloromethane	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB
1,2-Dichloropropane	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB
cis-1,3-Dichloropropane	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB
Trichloroethane	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB
Dibromochloromethane	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB
1,1,2-Trichloroethane	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB
Benzene	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB
trans-1,3-Dichloropropane	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB
Bromoform	<5	µg/kgdrywt 1.0	5 EPA 8240 08/25/94 CB
4-Methyl-2-pentanone	<15	µg/kgdrywt 1.0	15 EPA 8240 08/25/94 CB

- * RQL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.

09/01/94

LJO/KEG/as/jbb (aw) 1/50

CC: GAREY VAN HEST

ABB-CI



COAST-TO-COAST ANALYTICAL SERVICES, INC.

Northwestern Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098

(207) 874-2400
Fax (207) 775-4029

CLIENT: GARRY VAN HEBST
ABB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

Lab Number: KK-1162-4
Report Date: 09/01/94
PO No.: MEA-94-01-WD
Project: 09115.00

Page 16 of 16

SAMPLE DESCRIPTION	MATRIX		SAMPLED BY	SAMPLED DATE RECEIVED	
	Solid	N. McCLOSKEY	08/24/94	08/25/94	
MSB0303					
REPORT OF ANALYTICAL RESULTS					
PARAMETER	RESULT	UNITS	DF	*POL	METHOD
2-Hexanone	<15	µg/kgdwyc	1.0	15	EPA 8240 08/25/94 CB
Tetrachloroethane	<5	µg/kgdwyc	1.0	5	EPA 8240 08/25/94 CB
1,1,2,2-Tetrachloroethane	<5	µg/kgdwyc	1.0	5	EPA 8240 08/25/94 CB
Toluene	<5	µg/kgdwyc	1.0	5	EPA 8240 08/25/94 CB
Chlorobenzene	<5	µg/kgdwyc	1.0	5	EPA 8240 08/25/94 CB
Ethylbenzene	<5	µg/kgdwyc	1.0	5	EPA 8240 08/25/94 CB
Styrene	<5	µg/kgdwyc	1.0	5	EPA 8240 08/25/94 CB
Total Xylenes	<10	µg/kgdwyc	1.0	10	EPA 8240 08/25/94 CB
Methyltertbutyl ether	104.	%	1.0		EPA 8240 08/25/94 CB
1,2-Dichloroethane (% Recovery)	93.	%	1.0		EPA 8240 08/25/94 CB
Toluene-d8 (% Recovery)	97.	%	1.0		EPA 8240 08/25/94 CB

* POL (practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results associated with '<' values.

09/01/94

LDO/Kegosa/jbb (dw) 1/30

CC: GARRY VAN HEBST
@BB-CT

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.
Laura J. O'Veera
Laura J. O'Veera
Supervisor, Client Services

Consulting P.A. • One River P.A. • Watkinson P.A. • Indianapolis, IN • Westbrook, ME

PAGE INCORPORATED
New England-ME Laboratory (207) 874-2400
CONFIRMATION

Page 1

ORDER NO WK-1162

REPORT TO: GARRY VAN HEBST

ABB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

INVOICE:

LISA OLIVERI
ABB ENVIRONMENTAL SERVICES, INC.
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

SAMPLED BY: M. McCLOSKEY

DELIVERED BY: CLIENT

DISPOSE: AFTER 24 SEP

ITEM	LOG NUMBER	SAMPLE DESCRIPTION	SAMPLED DATE/TIME	RECEIVED DATE	MATRIX
1	WK1162-1	MSB0105	22 AUG 2200	25 AUG	SL
	WK1162-2	MSB0207	24 AUG 1010		
	WK1162-3	MSB0300	24 AUG 1450		
	WK1162-4	MSB0303	24 AUG 1445		
DETERMINATION					
Solids-Total Residue (TS)			METHOD	QTY	PRICE
TCL Volatile Organics + WMBE by USEPA			CLP/CLP SO	4	0.00
			EPA 8240	4	175.00
TOTALS				4	700.00

ORDER NOTE: OC-1/BROAD ST ARCADE
EXPORT COPY: GARRY VAN HEBST
@BB-CT

INVOICE: With Report
BP/JBB/WEST.JBB (dw)
08-25
TOTAL ORDER AMOUNT \$700.00
This is NOT an invoice
Please contact CCAS promptly if you have any questions.

9/1
11-25

COAST-TO-COAST ANALYTICAL SERVICES, INC.

340 County Road #5 • P.O. Box 720 • Westbrook, Maine 04092
(207) 874-3400

FAX (207) 775-4029

CHAIN of CUSTODY

[illegible]

LAB USE ONLY

WORK ORDER #: *WCS No 2*

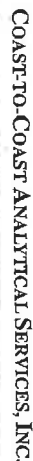
REMARKS:

SHIPPING INFO: ☒ FED EX ☐ UPS ☐ CLIENT

☒ COOL ☒ INTACT ☐ NOT INTACT

[illegible]

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
<i>[Signature]</i>	2/14/10				
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
	/			/	



Northeastern Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04091

Fax (207) 775-4025

CLIENT: GARRY VAN HEEST
A&B ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DUN
PORTLAND, ME 04112

Lab Number : WK-1172-7
Report Date: 09/01/94
PO No. : MSA-94-01 -M
Project : 09115.00

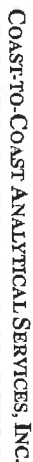
Page 21 of 26

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED				
M6-2	Aqueous	CLIENT	08/24/94 08/26/94				
PARAMETER	RESULT	UNITS	DP	%T	METHOD	ANALYZED BY	NOTES
2-Bifencenes	<15.	µg/L	1.0	15	ERM 8240 08/27/94	DR	
1,1,1-Trichloroethane	<5.	µg/L	1.0	5	ERM 8240 08/27/94	DR	
Carbon tetrachloride	<5.	µg/L	1.0	5	ERM 8240 08/27/94	DR	
Vinyl acetate	<15.	µg/L	1.0	15	ERM 8240 08/27/94	DR	
Bromodichloromethane	<5.	µg/L	1.0	5	ERM 8240 08/27/94	DR	
1,2-Dichloropropane	<5.	µg/L	1.0	5	ERM 8240 08/27/94	DR	
cis-1,1-Dichloropropene	<5.	µg/L	1.0	5	ERM 8240 08/27/94	DR	
Trichloroethene	<5.	µg/L	1.0	5	ERM 8240 08/27/94	DR	
Dibromochloromethane	<5.	µg/L	1.0	5	ERM 8240 08/27/94	DR	
1,1,2-Trichloroethane	<5.	µg/L	1.0	5	ERM 8240 08/27/94	DR	
Benzene	<5.	µg/L	1.0	5	ERM 8240 08/27/94	DR	
trans-1,3-Dichloropropene	<5.	µg/L	1.0	5	ERM 8240 08/27/94	DR	
Formform	<5.	µg/L	1.0	5	ERM 8240 08/27/94	DR	
4-Vinyl-1,2-pentadiene	<15.	µg/L	1.0	15	ERM 8240 08/27/94	DR	

* PQL (Practical Quantitation Limit) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values

09/01/94

LJO/Kfgear/gbp(dw)/jfg/kwt

[illegible]

Northeastern Division
340 County Road, No. 5 • P.O. Box 730 • Westbrook, ME 04098

Fax (207) 775-4025

CLIENT: GARRY VAN HEST
ABB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DSE
PORTLAND, ME 04112

Lab Number : WK-1172-7
Report Date: 09/01/94
PO No. : MSA-94-01-WK
Project : 09115.00

Page 22 of 26

SAMPLE DESCRIPTION	NAME	ANALYZED BY	SAMPLED DATE RECEIVED				
W-2	Aqueous						
PARAMETER	RESULT	UNITS	DF	*PQL	METHOD	ANALYZED BY	NOTE
2-Hexanone	<15.	µg/L	1.0	15	EPA 8240 08/27/94	DR	
Tetrahaloacethane	<3	µg/L	1.0	5	EPB 8240 08/27/94	DR	
1,1,2,2-Tetrahaloacethane	<5.	µg/L	1.0	5	EPB 8240 08/27/94	DR	
toluene	<5.	µg/L	1.0	5	EPB 8240 08/27/94	DR	
Chlorobenzene	<5.	µg/L	1.0	5	EPB 8240 08/27/94	DR	
Benzobenzene	<5.	µg/L	1.0	5	EPB 8240 08/27/94	DR	
Styrene	<5.	µg/L	1.0	5	EPB 8240 08/27/94	DR	
total Xylenes	<5.	µg/L	1.0	5	EPB 8240 08/27/94	DR	
Methylterbutyl ether	<10.	µg/L	1.0	10	EPB 8240 08/27/94	DR	
1,2-Dichloroethane (% Recovery)	101.	%	1.0		EPB 8240 08/27/94	DR	
Toluene-d8 (% Recovery)	97.	%	1.0		EPB 8240 08/27/94	DR	
p-Bromofluorobenzene (% Recovery)	98.	%	1.0		EPB 8240 08/27/94	DR	

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect some specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values

09/01/94

LJO/ktgear/gbq (dw) / jfg/kt



EXCELLENCE
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COAST-TO-COAST ANALYTICAL SERVICES, INC.

Northeast Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098

(207) 874-2400
Fax (207) 775-4029

CLIENT: GARY VAN HEEST
AEB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

Lab Number : ME-1172-8
Report Date: 09/01/94
PO No. : MEA-94-01 -ND
Project : 09115.00

REPORT OF ANALYTICAL RESULTS Page 23 of 26

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
W-4	Aqueous	CLIENT	08/24/94 08/26/94
PARAMETER	RESULT UNITS	DF	*PQL METHOD ANALYZED BY NOTES

Lead, Total 0.061 mg/L 5.0 0.005 239.2/7421 08/27/94 RW 1

* PQL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.
(1) Sample Preparation on 08/26/94 by NP using 1020

09/01/94
LTD/efjgcsa (ak) /xaw
KRD/SMT



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

Northeast Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098

(207) 874-2400
Fax (207) 775-4029

CLIENT: GARY VAN HEEST
AEB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

Lab Number : ME-1172-8
Report Date: 09/01/94
PO No. : MEA-94-01 -ND
Project : 09115.00

REPORT OF ANALYTICAL RESULTS Page 24 of 26

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
W-4	Aqueous	CLIENT	08/24/94 08/26/94
PARAMETER	RESULT UNITS	DF	*PQL METHOD ANALYZED BY NOTES

TEL Volatile Organics + NPE by USEPA

1,2,3

8240	Chloromethane	<10.	µg/L	1.0	10 EPA 8240 08/28/94 DR
	Bromomethane	<10.	µg/L	1.0	10 EPA 8240 08/28/94 DR
	Vinyl chloride	<10.	µg/L	1.0	10 EPA 8240 08/28/94 DR
	Chloroethane	<10.	µg/L	1.0	10 EPA 8240 08/28/94 DR
	Methylene chloride	<10.	µg/L	1.0	10 EPA 8240 08/28/94 DR
	Acetone	<10.	µg/L	1.0	10 EPA 8240 08/28/94 DR
	Carbon disulfide	<5.	µg/L	1.0	5 EPA 8240 08/28/94 DR
	1,1-Dichloroethane	<5.	µg/L	1.0	5 EPA 8240 08/28/94 DR
	1,1-Dichloroethane	6.	µg/L	1.0	5 EPA 8240 08/28/94 DR
	Total 1,2-Dichloroethane	<5.	µg/L	1.0	5 EPA 8240 08/28/94 DR
	Chloroform	<5.	µg/L	1.0	5 EPA 8240 08/28/94 DR
	1,2-Dichloroethane	<5.	µg/L	1.0	5 EPA 8240 08/28/94 DR

* PQL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.
(1) "g" flag denotes an estimated value less than the laboratory's Practical Quantitation Level.
(2) "g" flag denotes detection of this analyte in the laboratory method blank analyzed concurrently with the sample.
(3) The method blank contained Acetone at <4 µg/L.

09/01/94
LTD/efjgcsa (ak) /jfg/ach



EXCELLENCE
IN ANALYSIS

COAST-TO-COAST ANALYTICAL SERVICES, INC.

Northeastern Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098
(207) 874-2400
Fax (207) 775-4029

CLIENT: GARY VAN HEST
AEB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

Lab Number : ME-1172-8
Report Date: 09/01/94
PO No. : MEA-94-01 -W
Project : 09115.00

REPORT OF ANALYTICAL RESULTS Page 25 of 26

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED				
ME-4	Aqueous	CLIENT	08/24/94 08/26/94				
PARAMETER	RESULT	UNITS	DF	*POL	METHOD	ANALYZED BY	NOTES
2-Butanone	<15.	µg/L	1.0	15	EPA 8240 08/28/94	IR	
1,1,1-Trichloroethane	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
Carbon tetrachloride	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
Vinyl acetate	<15.	µg/L	1.0	15	EPA 8240 08/28/94	IR	
Bromodichloromethane	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
1,2-Dichloropropane	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
cis-1,3-Dichloropropene	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
Trichloroethene	<19.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
Dichloromethane	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
1,1,2-Trichloroethane	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
Benzene	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
trans-1,3-Dichloropropene	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
Bromofom	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
4-Methyl-2-pentanone	<15.	µg/L	1.0	15	EPA 8240 08/28/94	IR	

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.

09/01/94

LTD/KSgasas/dar/gdp (dw) /jfg/kch



COAST-TO-COAST ANALYTICAL SERVICES, INC.

Northeastern Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098
(207) 874-2400
Fax (207) 775-4029

CLIENT: GARY VAN HEST
AEB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

Lab Number : ME-1172-8
Report Date: 09/01/94
PO No. : MEA-94-01 -W
Project : 09115.00

REPORT OF ANALYTICAL RESULTS Page 26 of 26

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED				
ME-4	1,2-Hexane	CLIENT	08/24/94 08/26/94				
PARAMETER	RESULT	UNITS	DF	*POL	METHOD	ANALYZED BY	NOTES
2-Hexanone	<15.	µg/L	1.0	15	EPA 8240 08/28/94	IR	
1,1,2-Trichloroethane	10.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
1,1,2,2-Tetrachloroethane	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
Toluene	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
Chlorobenzene	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
Ethylbenzene	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
Styrene	<5.	µg/L	1.0	5	EPA 8240 08/28/94	IR	
Total Xylenes	<10.	µg/L	1.0	10	EPA 8240 08/28/94	IR	
Methylcyclohexyl ether	<10.	µg/L	1.0	10	EPA 8240 08/28/94	IR	
1,2-Dichloroethane (% Recovery)	104.	%	1.0	5	EPA 8240 08/28/94	IR	
Toluene-d8 (% Recovery)	94.	%	1.0	5	EPA 8240 08/28/94	IR	
p-Bromofluorobenzene (% Recovery)	100.	%	1.0	5	EPA 8240 08/28/94	IR	

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.

09/01/94

LTD/KSgasas/dar/gdp (dw) /jfg/kch

Respectfully submitted,
COAST-TO-COAST ANALYTICAL SERVICES, INC.
Laura J. O'Meara
Supervisor, Client Services

PAGE INCORPORATED
New England-WB Laboratory (207) 874-2400
CONFIRMATION

Page 1

ORDER NO WK-1172

Project Manager: Jon B. Boutet

REPORT TO: GARRY VAN HEEST

ORDER DATE: 08/26/94

ABB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

PHONE: 207/775-5401
FAX: 207/772-4762
DUE: 02 SEP

INVOICE:

LISA OLIVERT
ABB ENVIRONMENTAL SERVICES, INC
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
PROJECT: 09115.00
PHONE: 207/775-5400
PO: MSA-94-01-MO

SAMPLED BY: CLIENT

DELIVERED BY: FED EX

DISPOSE: AFTER 25 SEP

ITEM LOG NUMBER SAMPLE DESCRIPTION

SAMPLED DATE/TIME RECEIVED MATRIX

WK1172-1 MW-3 24 AUG 1656 26 AUG AQ
WK1172-2 MW-1 24 AUG 1735
WK1172-3 MBMW-07 24 AUG 1750
WK1172-4 MBMW-08 24 AUG 1830
WK1172-5 MBMW-05 24 AUG 1840
WK1172-6 MBMW-06 24 AUG 1855

DETERMINATION

TCL Volatile Organics + MTBE by USEPA EPA 8240 6 175.00 1050.00

LOG NUMBER SAMPLE DESCRIPTION

SAMPLED DATE/TIME RECEIVED MATRIX

WK1172-7 MW-2 24 AUG 1712 26 AUG AQ
WK1172-8 MW-4 24 AUG 1804
DETERMINATION
TCL Volatile Organics + MTBE by USEPA EPA 8240 2 175.00 350.00
Lead, Total 239.2/7421 2 14.00 28.00
Elements Sample Preparation 2 0.00 0.00

TOTALS

2 189.00 378.00

ORDER NOTE: BROAD ST PARKADE/QCI

INVOICE: With Report

TOTAL ORDER AMOUNT \$1,428.00

JBP/JBB/WEST.GAP(dw)/WEST.JBB(dw)
08-30 Please contact CCAS promptly if you have any questions.

8/29/94

CHAIN OF CUSTODY RECORD

Page 1 of 1

PROJECT NO.		PROJECT NAME		NO. OF CONTAINERS		SAMPLE TYPE		REMARKS																																					
09115.00		Broad St Parkade				GLW/1000		INDICATE SOLID/WATER/AIR SEDIMENT/SLUDGE																																					
SAMPLERS (SIGNATURE)																																													
Chas P. Sullivan / Richard Gerosa																																													
STA. NO.	DATE	TIME	COND	GRAB	STATION LOCATION																																								
BSP	8/24/94	1656		X	MW-3	2	X		Groundwater																																				
BSP	8/24/94	1712		X	MW-2	4	X	X																																					
BSP	8/24/94	1735		X	MW-1	2	X																																						
BSP	8/24/94	1750		X	MBMW-07	2	X																																						
BSP	8/24/94	1804		X	MW-4	4	X	X																																					
BSP	8/24/94	1830		X	MBMW-08	2	X																																						
BSP	8/24/94	1840		X	MBMW-05	2	X																																						
BSP	8/24/94	1855		X	MBMW-06	2	X																																						
<table border="1"> <tr> <td>RELINQUISHED BY: (SIGNATURE)</td> <td>DATE/TIME</td> <td>RECEIVED BY: (SIGNATURE)</td> <td>DATE/TIME</td> <td>RECEIVED BY: (SIGNATURE)</td> <td>DATE/TIME</td> </tr> <tr> <td>Richard Gerosa</td> <td>8-24-94</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>RELINQUISHED BY: (SIGNATURE)</td> <td>DATE/TIME</td> <td>RECEIVED BY: (SIGNATURE)</td> <td>DATE/TIME</td> <td>RECEIVED BY: (SIGNATURE)</td> <td>DATE/TIME</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>RELINQUISHED BY: (SIGNATURE)</td> <td>DATE/TIME</td> <td>RECEIVED FOR DISPOSAL BY: (SIGNATURE)</td> <td>DATE/TIME</td> <td>REMARKS</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>24 hour turnaround</td> <td></td> </tr> </table>										RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME	Richard Gerosa	8-24-94					RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME							RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED FOR DISPOSAL BY: (SIGNATURE)	DATE/TIME	REMARKS						24 hour turnaround	
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME																																								
Richard Gerosa	8-24-94																																												
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	DATE/TIME																																								
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED FOR DISPOSAL BY: (SIGNATURE)	DATE/TIME	REMARKS																																									
				24 hour turnaround																																									

ABB Environmental Services, Inc.



897 Bridgeport Avenue
900 Shelton Plaza
Shelton, CT 06484

Tel: (203) 825-1133
Fax: (203) 825-1140

August 29, 1994

Mr. Garry Van Heest
ABB Environmental Services
34 Industrial Park Place
Middletown, CT 06457

RE: Analysis of 1 water sample collected 8/27/94
PROJECT: Manley Berensen
CET #: 94-2388

Pb, total
MW-X
ND<0.10 ppm

In addition, the sample was analyzed by flame ionization, capillary column gas chromatography for fingerprint (gasoline, kerosene or fuel oils) identification. No fingerprint (gasoline, kerosene or fuel oils) was observed in the sample. The detection limit is approximately 5 ppm.

The sample was also analyzed as per EPA method 8240 and MTBE. The results are on the following pages in ppb.

Please call us if you have any questions.

David Ditta
David Ditta
Laboratory Director

CONNECTICUT LABORATORY CERTIFICATION PH 0116

EPA METHOD 8240
VOLATILE ORGANICS BY GC/MS

CLIENT: ABB Environmental
PROJECT #: Manley Berensen
CET #: 94-2388

MATRIX: water
UNITS: ppb

	MW-X	DETECTION LIMIT
ACETONE	ND	50
ACROLEIN	ND	25
ACRYLONITRILE	ND	25
BENZENE	ND	1.0
BROMODICHLOROMETHANE	ND	1.0
BROMOFORM	ND	5.0
BROMOMETHANE	ND	10
2-BUTANONE	ND	25
CARBON DISULFIDE	ND	5.0
CARBON TETRACHLORIDE	ND	1.0
CHLOROBENZENE	ND	1.0
CHLORODIBROMOMETHANE	ND	1.0
CHLOROETHANE	ND	10
2-CHLOROETHYL VINYL ETHER	ND	10
CHLOROMETHANE	ND	1.0
CHLOROFORM	ND	5.0
1,2-DIBROMO-3-CHLOROPROPANE	ND	1.0
1,2-DIBROMOMETHANE	ND	5.0
DIBROMOMETHANE	ND	5.0
1,4-DICHLORO-2-BUTANE	ND	10
DICHLORODIFLUOROMETHANE	ND	1.0
1,1-DICHLOROETHANE	ND	1.0
1,2-DICHLOROETHANE	ND	1.0
1,1-DICHLOROETHYLENE	ND	1.0
trans-1,2-DICHLOROETHYLENE	ND	1.0
1,2-DICHLOROPROPANE	ND	1.0
cis-1,3-DICHLOROPROPYLENE	ND	1.0
trans-1,3-DICHLOROPROPYLENE	ND	1.0
ETHYL BENZENE	ND	1.0

EPA METHOD 8240
VOLATILE ORGANICS BY GC/MS

MATRIX: water
UNITS: ppb

	MW-X	Limit
ETHYL METHACRYLATE	ND	1.0
2-HEXANONE	ND	25
IODOMETHANE	ND	10
METHYLENE CHLORIDE	ND	5.0
METHYL METHACRYLATE	ND	1.0
4-METHYL-2-PENTANONE	ND	25
STYRENE	ND	1.0
1,1,1,2-TETRACHLOROETHANE	ND	1.0
1,1,2,2-TETRACHLOROETHANE	ND	1.0
TETRACHLOROETHYLENE	ND	1.0
TOLUENE	ND	1.0
1,1,1-TRICHLOROETHANE	ND	1.0
1,1,2-TRICHLOROETHANE	ND	1.0
TRICHLOROETHYLENE	ND	1.0
TRICHLOROFLUOROMETHANE	ND	25
1,2,3-TRICHLOROPROPANE	ND	1.0
VINYL ACETATE	ND	10
VINYL CHLORIDE	ND	2.0
XYLENES	ND	1.0
MTBE	ND	10

[illegible]



APPENDIX C

LABORATORY ANALYTICAL REPORTS-GROUNDWATER

September 1, 1994

Mr. Gary Van Heest
ABB Environmental Services, Inc.
34 Industrial Park Place
Middletown, CT 06457

Dear Mr. Van Heest:

WORK ORDER NUMBER: WK1172

Please find enclosed the Report of Analysis (ROA) for the samples received by the laboratory on August 26, 1994. This cover letter is an integral part of the ROA.

Effective August 3, our laboratory completed its consolidation with PACE Laboratories and ETC Laboratories. Our new company is called PACE, Inc., and you will see this reflected on our new letterhead. In the interim, until such time as all our systems are changed, reports of analysis along with other supporting documentation will show Coast-to-Coast.

All other aspects of our local operation will remain the same. Additionally, we will now be able to offer you a broader range of analytical services through this PACE National System. We will be in contact with you shortly to provide more information on what the new company can offer.

Your patience during this transition is appreciated. If you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact me. We appreciate your continued use of our laboratory and look forward to working with you in the future.

Sincerely,

PACE, INC.

John B. Bouter
John B. Bouter
Project Manager

JBB/dmt

c M. McCloskey, ABB-NI

340 County Road #5
Westport, ME 04092
TEL: 207-874-2400
FAX: 207-712-4023

An Equal Opportunity Employer



Northwestern Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098

(207) 874-2400
Fax (207) 775-4029

CLIENT: GARET VAN HEEST
AEB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DIX
PORTLAND, ME 04112

Lab Number : W6-1172-1
Report Date: 09/01/94
FO No. : MSA-94-01 -ND
Project : 09115.00

REPORT OF ANALYTICAL RESULTS

Page 1 of 26

SAMPLE DESCRIPTION	ANALYST	SAMPLED BY	SAMPLED DATE RECEIVED
100-3	Aqueous	CLIENT	08/24/94 08/26/94
PARAMETER	RESULT	DATE	*POL. METHOD
			ANALYZED BY
			NOTES

Volatile Organics + MTEB by USEPA

Chloroacethane	<1.0	1.0	10	ED ₀₁ 8240 08/27/94	DR
Bromoacethane	<1.0	1.0	10	ED ₀₁ 8240 08/27/94	DR
Vinyl chloride	<1.0	1.0	10	ED ₀₁ 8240 08/27/94	DR
Chloroacrolein	<1.0	1.0	10	ED ₀₁ 8240 08/27/94	DR
Methylurea chloride	<1.0	1.0	10	ED ₀₁ 8240 08/27/94	DR
Acetone	DB1	1.0	10	ED ₀₁ 8240 08/27/94	DR
Carbon disulfide	DB3	1.0	15	ED ₀₁ 8240 08/27/94	DR
1,1-Dichloroethane	<1.0	1.0	10	ED ₀₁ 8240 08/27/94	DR
1,1,1-Trichloroethane	<5	1.0	5	ED ₀₁ 8240 08/27/94	DR
1,1,2-Trichloroethane	<5	1.0	5	ED ₀₁ 8240 08/27/94	DR
Total 1, 2-Dichloroethane	<5	1.0	5	ED ₀₁ 8240 08/27/94	DR
Chloroform	<5	1.0	5	ED ₀₁ 8240 08/27/94	DR
1, 2-Dichloroethane	<5	1.0	5	ED ₀₁ 8240 08/27/94	DR

* PQL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results associated with < values

(1) * flag denotes an estimated value less than the laboratory's Practical Quantitation Level.

(2) * flag denotes detection of this analyte in the laboratory method blank analyzed concurrently with the sample.

(3) The method blank contained Methylene Chloride and Isobutane at 31 and 34 ug/L respectively.

09/01/94

LW0/Relgear/gbp (da) /jtg/Noth



COAST-TO-COAST ANALYTICAL SERVICES, INC.

Northeastern Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098
(207) 874-2400
Fax (207) 775-4029

CLIENT: GAREY VAN HESST
AAB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number: WK-1172-1
Report Date: 09/01/94
PO No.: MEA-94-01 -ND
Project: 09115.00

REPORT OF ANALYTICAL RESULTS

Page 2 of 26

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED				
W-3	Aqueous	CLIENT	08/24/94 08/26/94				
PARAMETER	RESULT	UNITS	DF	*POL	METHOD	ANALYZED BY	NOTES
2-Butanone	<15.	µg/L	1.0	15	EPH 8240 08/27/94	DR	
1,1,1-Trichloroethane	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
Carbon tetrachloride	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
Vinyl acetate	<15.	µg/L	1.0	15	EPH 8240 08/27/94	DR	
Bromochloroethane	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
1,2-Dichloropropane	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
cis-1,3-Dichloropropene	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
Trichloroethene	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
Dibromochloroethane	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
1,1,2-Trichloroethane	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
Benzene	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
trans-1,3-Dichloropropene	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
Bromoform	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
4-Methyl-2-pentanone	<15.	µg/L	1.0	15	EPH 8240 08/27/94	DR	

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.

09/01/94

LJO/kfgear/ghp (dw) /jfg/kch



COAST-TO-COAST ANALYTICAL SERVICES, INC.

Northeastern Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098
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CLIENT: GAREY VAN HESST
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110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number: WK-1172-1
Report Date: 09/01/94
PO No.: MEA-94-01 -ND
Project: 09115.00

REPORT OF ANALYTICAL RESULTS

Page 3 of 26

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED				
W-3	Aqueous	CLIENT	08/24/94 08/26/94				
PARAMETER	RESULT	UNITS	DF	*POL	METHOD	ANALYZED BY	NOTES
2-Heptanone	<15.	µg/L	1.0	15	EPH 8240 08/27/94	DR	
Tetrachloroethane	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
1,1,2,2-Tetrachloroethane	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
Toluene	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
Chlorobenzene	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
Ethylbenzene	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
Synpene	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
total Xylenes	<5.	µg/L	1.0	5	EPH 8240 08/27/94	DR	
Methylcyclohexyl ether	<10.	µg/L	1.0	10	EPH 8240 08/27/94	DR	
1,2-dichloroethane (% Recovery)	101.	%	1.0		EPH 8240 08/27/94	DR	
Toluene-d8 (% Recovery)	97.	%	1.0		EPH 8240 08/27/94	DR	
p-Bromochlorobenzene (% Recovery)	101.	%	1.0		EPH 8240 08/27/94	DR	

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.

09/01/94

LJO/kfgear/ghp (dw) /jfg/kch



EXCELLENCE
IN ANALYSIS

(207) 874-2400
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EXCELLENCE
IN ANALYSIS

Northeastern Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098

(207) 874-2400
Fax (207) 775-4029

CLIENT: GARY VAN HEST
AAB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

Lab Number : WK-1172-2
Report Date: 09/01/94
PO No. : NEX-94-01 -NO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS

Page 4 of 26

PARAMETER	RESULT	UNITS	DF	*POL	METHOD	ANALYZED BY	NOTES
MT-1	Aqueous					08/24/94	08/26/94
TCV Volatile Organics + MTBE by USEPA 8240							1,2,3
Chloroethane	<10.	µg/L	1.0		10 EPA 8240 08/27/94	DR	
Bromoethane	<10.	µg/L	1.0		10 EPA 8240 08/27/94	DR	
Vinyl chloride	<10.	µg/L	1.0		10 EPA 8240 08/27/94	DR	
Chloroethane	<10.	µg/L	1.0		10 EPA 8240 08/27/94	DR	
Methylene chloride	<10.	µg/L	1.0		10 EPA 8240 08/27/94	DR	
Acetone	<10.	µg/L	1.0		15 EPA 8240 08/27/94	DR	
Carbon disulfide	<10.	µg/L	1.0		10 EPA 8240 08/27/94	DR	
1,1-Dichloroethane	<5.	µg/L	1.0		5 EPA 8240 08/27/94	DR	
1,1,2-Dichloroethane	<5.	µg/L	1.0		5 EPA 8240 08/27/94	DR	
1,2-Dichloroethane	<5.	µg/L	1.0		5 EPA 8240 08/27/94	DR	
Chloroform	<5.	µg/L	1.0		5 EPA 8240 08/27/94	DR	

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.
(1) 'u' flag denotes an estimated value less than the laboratory's Practical Quantitation Level.
(2) 'gv' flag denotes detection of this analyte in the laboratory method blank analyzed concurrently with the sample.
(3) The method blank contained Methylene Chloride and Acetone at 0.1 and 0.4 µg/L respectively.

09/01/94
LMO/efgear/gbp (dm) /jfg/kah

CLIENT: GARY VAN HEST
AAB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112

Lab Number : WK-1172-2
Report Date: 09/01/94
PO No. : NEX-94-01 -NO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS

Page 5 of 26

PARAMETER	RESULT	UNITS	DF	*POL	METHOD	ANALYZED BY	NOTES
MT-1	Aqueous					08/24/94	08/26/94
2-Butanone	<15.	µg/L	1.0		15 EPA 8240 08/27/94	DR	
1,1,1-Trichloroethane	<5.	µg/L	1.0		5 EPA 8240 08/27/94	DR	
Carbon tetrachloride	<5.	µg/L	1.0		15 EPA 8240 08/27/94	DR	
Vinyl acetate	<15.	µg/L	1.0		15 EPA 8240 08/27/94	DR	
Bromodichloromethane	<5.	µg/L	1.0		5 EPA 8240 08/27/94	DR	
1,2-Dichloropropane	<5.	µg/L	1.0		5 EPA 8240 08/27/94	DR	
cis-1,3-Dichloropropene	<5.	µg/L	1.0		5 EPA 8240 08/27/94	DR	
Trichloroethane	<5.	µg/L	1.0		5 EPA 8240 08/27/94	DR	
Dibromochloromethane	<5.	µg/L	1.0		5 EPA 8240 08/27/94	DR	
1,1,2-Trichloroethane	<5.	µg/L	1.0		5 EPA 8240 08/27/94	DR	
Benzene	<5.	µg/L	1.0		5 EPA 8240 08/27/94	DR	
trans-1,3-Dichloropropene	<5.	µg/L	1.0		5 EPA 8240 08/27/94	DR	
Bromofarm	<5.	µg/L	1.0		5 EPA 8240 08/27/94	DR	
4-Methyl-2-pentanone	<15.	µg/L	1.0		15 EPA 8240 08/27/94	DR	

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.

09/01/94
LMO/efgear/gbp (dm) /jfg/kah



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE
IN ANALYSIS
Northeast Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098
(207) 874-2400
Fax (207) 775-4029

CLIENT: GAREY VAN HESST
RBS ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number : MC-1172-2
Report Date: 09/01/94
PO No. : MEA-94-01 -NO
Project : 09115.00

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SAMPLE DESCRIPTION	MATRIX	ANALYST	SAMPLED BY	ANALYZED BY	NOTES
PARAMETER	RESULTS	DF	*POL	METHOD	ANALYZED BY
2-Hexanone	<15. µg/L	1.0	15	EPA 8240 08/27/94	DR
Tetrachloroethene	<5. µg/L	1.0	5	EPA 8240 08/27/94	DR
1,1,2,2-Tetrachloroethane	<5. µg/L	1.0	5	EPA 8240 08/27/94	DR
Nitrobenzene	<5. µg/L	1.0	5	EPA 8240 08/27/94	DR
Chlorobenzene	<5. µg/L	1.0	5	EPA 8240 08/27/94	DR
Bromobenzene	<5. µg/L	1.0	5	EPA 8240 08/27/94	DR
Styrene	<5. µg/L	1.0	5	EPA 8240 08/27/94	DR
Methyl ethyl ketone	<10. µg/L	1.0	10	EPA 8240 08/27/94	DR
1,2-Dichloroethane (% Recovery)	105. %	1.0	5	EPA 8240 08/27/94	DR
Nitrobenzene (% Recovery)	98. %	1.0	5	EPA 8240 08/27/94	DR
1,2-Dichloroethane (% Recovery)	98. %	1.0	5	EPA 8240 08/27/94	DR

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with < values.

09/01/94

LDO/tegear/gbp (dw) /jfg/ksb



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IN ANALYSIS
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CLIENT: GAREY VAN HESST
RBS ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number : MC-1172-3
Report Date: 09/01/94
PO No. : MEA-94-01 -NO
Project : 09115.00

Page 7 of 26

SAMPLE DESCRIPTION	MATRIX	ANALYST	SAMPLED BY	ANALYZED BY	NOTES
PARAMETER	RESULTS	DF	*POL	METHOD	ANALYZED BY
1,2,3-Trichlorobenzene	<10. µg/L	1.0	10	EPA 8240 08/27/94	DR
Bromobenzene	<10. µg/L	1.0	10	EPA 8240 08/27/94	DR
Vinyl chloride	<10. µg/L	1.0	10	EPA 8240 08/27/94	DR
Chlorobenzene	<10. µg/L	1.0	10	EPA 8240 08/27/94	DR
Methylene chloride	<15. µg/L	1.0	15	EPA 8240 08/27/94	DR
Acetone	<10. µg/L	1.0	10	EPA 8240 08/27/94	DR
Carbon disulfide	<5. µg/L	1.0	5	EPA 8240 08/27/94	DR
1,1-Dichloroethane	<5. µg/L	1.0	5	EPA 8240 08/27/94	DR
1,2-Dichloroethane	<5. µg/L	1.0	5	EPA 8240 08/27/94	DR
Chloroform	<5. µg/L	1.0	5	EPA 8240 08/27/94	DR
1,2-Dichloroethane	<5. µg/L	1.0	5	EPA 8240 08/27/94	DR

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with < values.

(1) "Q" Flag denotes an estimated value less than the Laboratory's Practical Quantitation Level.

(2) "W" Flag denotes detection of this analyte in the laboratory method blank analyzed concurrently with the sample.

(3) The method blank contained Methylene Chloride at 11 µg/L.

09/01/94

LDO/tegear/gbp (dw) /jfg/ksb



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CLIENT: GARRY VAN HESST
ABB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number: ME-1172-3
Report Date: 09/01/94
PO No.: MEA-94-01 -NO
Project: 09115.00

REPORT OF ANALYTICAL RESULTS

Page 8 of 26

SAMPLE DESCRIPTION	MATRIX	SWEEPT BY	SWEEPT DATE RECEIVED
ME94-07	Aqueous	CLIENT	08/24/94 08/26/94
PARAMETER	RESULT UNITS	DF	*POL METHOD ANALYZED BY NOTES
2-BUTANONE	µg/L	1.0	15 EPA 8240 08/27/94 DR
1,1,1-Trichloroethane	µg/L	1.0	5 EPA 8240 08/27/94 DR
Carbon tetrachloride	µg/L	1.0	5 EPA 8240 08/27/94 DR
Vinyl acetate	µg/L	1.0	15 EPA 8240 08/27/94 DR
Bromodichloromethane	µg/L	1.0	5 EPA 8240 08/27/94 DR
1,2-Dichloropropane	µg/L	1.0	5 EPA 8240 08/27/94 DR
cis-1,3-Dichloropropene	µg/L	1.0	5 EPA 8240 08/27/94 DR
Trichloroethene	µg/L	1.0	5 EPA 8240 08/27/94 DR
Dibromochloromethane	µg/L	1.0	5 EPA 8240 08/27/94 DR
1,1,2-Trichloroethane	µg/L	1.0	5 EPA 8240 08/27/94 DR
Benzene	µg/L	1.0	5 EPA 8240 08/27/94 DR
trans-1,3-Dichloropropene	µg/L	1.0	5 EPA 8240 08/27/94 DR
Bromoforn	µg/L	1.0	5 EPA 8240 08/27/94 DR
4-Methyl-2-pentanone	µg/L	1.0	15 EPA 8240 08/27/94 DR

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.

09/01/94
LDO/Kcgear/ghp (dw) /Jfg/keh



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ABB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number: ME-1172-3
Report Date: 09/01/94
PO No.: MEA-94-01 -NO
Project: 09115.00

REPORT OF ANALYTICAL RESULTS

Page 9 of 26

SAMPLE DESCRIPTION	MATRIX	SWEEPT BY	SWEEPT DATE RECEIVED
ME94-07	Aqueous	CLIENT	08/24/94 08/26/94
PARAMETER	RESULT UNITS	DF	*POL METHOD ANALYZED BY NOTES
2-Heptanone	µg/L	1.0	15 EPA 8240 08/27/94 DR
Trichloroethene	µg/L	1.0	5 EPA 8240 08/27/94 DR
1,1,2,2-Tetrachloroethane	µg/L	1.0	5 EPA 8240 08/27/94 DR
Toluene	µg/L	1.0	5 EPA 8240 08/27/94 DR
Chlorobenzene	µg/L	1.0	5 EPA 8240 08/27/94 DR
Ethylbenzene	µg/L	1.0	5 EPA 8240 08/27/94 DR
Total Xylenes	µg/L	1.0	5 EPA 8240 08/27/94 DR
Styrene	µg/L	1.0	5 EPA 8240 08/27/94 DR
Methylcyclohexyl ether	µg/L	1.0	10 EPA 8240 08/27/94 DR
1,2-Dichloroethane (% Recovery)	%	1.0	EPA 8240 08/27/94 DR
Toluene-d8 (% Recovery)	%	1.0	EPA 8240 08/27/94 DR
p-Bromochlorobenzene (% Recovery)	%	1.0	EPA 8240 08/27/94 DR

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.

09/01/94
LDO/Kcgear/ghp (dw) /Jfg/keh



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CLIENT: GARY VAN HEST
ARB ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number : NK-1172-4
Report Date: 09/01/94
PO No. : NSA-94-01 -NO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS Page 10 of 26

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
MEW-08	Aqueous	CLIENT	08/24/94 08/26/94
PARAMETER	RESULT UNITS	DP	*POL. METHOD ANALYZED BY NOTES
TLC Volatile Organics + MTE by USEPA			
8240			1,2,3
Chloromethane	<10.	µg/L	1.0
Bromomethane	<10.	µg/L	1.0
Vinyl chloride	<10.	µg/L	1.0
Chloroethane	<10.	µg/L	1.0
Methylene chloride	<10.	µg/L	1.0
Acetone	<10.	µg/L	1.0
Carbon disulfide	<5.	µg/L	1.0
1,1-Dichloroethane	<5.	µg/L	1.0
1,1,2-Dichloroethane	<5.	µg/L	1.0
1,2-Dichloroethane	<5.	µg/L	1.0
Chloroform	<5.	µg/L	1.0

- * POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.
- (1) 'u' flag denotes an estimated value less than the laboratory's Practical Quantitation Level.
- (2) 'p' flag denotes detection of this analyte in the laboratory method blank analyzed concurrently with the sample.
- (3) The method blank contained Methylene Chloride and Acetone at 11 and 14 µg/L respectively.

09/01/94

LNO/tegear/gpg (aw) /jls/ach



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110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number : NK-1172-4
Report Date: 09/01/94
PO No. : NSA-94-01 -NO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS Page 11 of 26

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
MEW-08	Aqueous	CLIENT	08/24/94 08/26/94
PARAMETER	RESULT UNITS	DP	*POL. METHOD ANALYZED BY NOTES
2-Butanol			
1,1,1-Trichloroethane	<15.	µg/L	1.0
Carbon tetrachloride	<5.	µg/L	1.0
Vinyl acetate	<15.	µg/L	1.0
Bromodichloromethane	<5.	µg/L	1.0
1,2-Dichloropropane	<5.	µg/L	1.0
cis-1,3-Dichloropropene	<5.	µg/L	1.0
Trichloroethene	<5.	µg/L	1.0
1,1,2-Trichloroethane	<5.	µg/L	1.0
Benzene	<5.	µg/L	1.0
trans-1,3-Dichloropropene	<5.	µg/L	1.0
Bromochloroethane	<5.	µg/L	1.0
4-Methyl-2-pentanol	<15.	µg/L	1.0

- * POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.

09/01/94

LNO/tegear/gpg (aw) /jls/ach



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110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number : ME-1172-5
Report Date: 09/01/94
PO No. : MEA-94-01 -NO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS
Page 14 of 26

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
MEBA-05	Aqueous	CLIENT	08/24/94 09/26/94
PARAMETER	RESULT UNITS	DP	*PQL METHOD ANALYZED BY NOTES
2-Butanone	<15. µg/L	1.0	15 EPA 8240 08/27/94 DR
1,1,1-Trichloroethane	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
Carbon tetrachloride	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
Vinyl acetate	<15. µg/L	1.0	15 EPA 8240 08/27/94 DR
Bromodichloromethane	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
1,2-Dichloroethane	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
cis-1,3-Dichloropropene	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
Trichloroethene	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
Dibromochloromethane	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
1,1,2-Trichloroethane	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
Benzene	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
Bromo-1,3-dichloropropene	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
Bromoforn	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
4-Methyl-2-pentanone	<15. µg/L	1.0	15 EPA 8240 08/27/94 DR

* PQL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.

09/01/94

LMD/KCgear/gbp (bml) /15g/soh



COAST-TO-COAST ANALYTICAL SERVICES, INC.

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Northeast Division
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CLIENT: GAREY VAN HESST
A&B ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number : ME-1172-5
Report Date: 09/01/94
PO No. : MEA-94-01 -NO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS
Page 15 of 26

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
MEBA-05	Aqueous	CLIENT	08/24/94 08/26/94
PARAMETER	RESULT UNITS	DP	*PQL METHOD ANALYZED BY NOTES
2-Butanone	<15. µg/L	1.0	15 EPA 8240 08/27/94 DR
Tetrachloroethene	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
1,1,2,2-Tetrachloroethane	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
Toluene	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
Chlorobenzene	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
Ethylbenzene	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
Styrene	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
Total Xylenes	<10. µg/L	1.0	10 EPA 8240 08/27/94 DR
Methylterbutyl ether	<5. µg/L	1.0	5 EPA 8240 08/27/94 DR
1,2-Dichloroethane (% Recovery)	94. %	1.0	EPA 8240 08/27/94 DR
Toluene-d8 (% Recovery)	99. %	1.0	EPA 8240 08/27/94 DR
p-Bromofluorobenzene (% Recovery)	99. %	1.0	EPA 8240 08/27/94 DR

* PQL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.

09/01/94

LMD/KCgear/gbp (bml) /15g/soh



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Northeastern Division
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CLIENT: GAREY VAN HESST
A&B ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number : MC-1172-6
Report Date: 09/01/94
PO No. : MEA-94-01 -MO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS
Page 16 of 26

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	ANALYZED DATE RECEIVED
NEW-06	Aqueous	CLIENT	08/24/94 08/26/94
PARAMETER	RESULT UNITS	DF	*POL METHOD ANALYZED BY NOTES
TC Volatile Organics + PCBs by USEPA 8240			
Chloroethane	µg/L	1.0	10 EPA 8240 08/27/94 DR 1,2,3
Bromochloroethane	µg/L	1.0	10 EPA 8240 08/27/94 DR
Vinyl chloride	µg/L	1.0	10 EPA 8240 08/27/94 DR
Chloroethene	µg/L	1.0	10 EPA 8240 08/27/94 DR
Methylene chloride	µg/L	1.0	10 EPA 8240 08/27/94 DR
Aceetone	µg/L	1.0	15 EPA 8240 08/27/94 DR
Carbon disulfide	µg/L	1.0	10 EPA 8240 08/27/94 DR
1,1-Dichloroethane	µg/L	1.0	5 EPA 8240 08/27/94 DR
1,1,1-Trichloroethane	µg/L	1.0	5 EPA 8240 08/27/94 DR
Total 1,2-Dichloroethane	µg/L	1.0	5 EPA 8240 08/27/94 DR
Chloroform	µg/L	1.0	5 EPA 8240 08/27/94 DR
1,2-Dichloroethane	µg/L	1.0	5 EPA 8240 08/27/94 DR

- * POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.
(1) "µ" flag denotes an estimated value less than the laboratory's Practical Quantitation Level.
(2) "µ" flag denotes detection of this analyte in the laboratory method blank analyzed concurrently with the sample.
(3) The method blank contained Methylene Chloride at 0.1 µg/L.

09/01/94

LDO/kgseaw/gbp (dw) /1fg/roth



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110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number : MC-1172-6
Report Date: 09/01/94
PO No. : MEA-94-01 -MO
Project : 09115.00

REPORT OF ANALYTICAL RESULTS
Page 17 of 26

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	ANALYZED DATE RECEIVED
NEW-06	Aqueous	CLIENT	08/24/94 08/26/94
PARAMETER	RESULT UNITS	DF	*POL METHOD ANALYZED BY NOTES
2-Benzenes			
1,1,1-Trichloroethane	µg/L	1.0	15 EPA 8240 08/27/94 DR
Chlorobenzene	µg/L	1.0	5 EPA 8240 08/27/94 DR
Vinyl acetate	µg/L	1.0	15 EPA 8240 08/27/94 DR
Bromodichloromethane	µg/L	1.0	5 EPA 8240 08/27/94 DR
1,2-Dichloropropane	µg/L	1.0	5 EPA 8240 08/27/94 DR
cis-1,3-Dichloropropene	µg/L	1.0	5 EPA 8240 08/27/94 DR
Trichloroethene	µg/L	1.0	5 EPA 8240 08/27/94 DR
Dibromochloromethane	µg/L	1.0	5 EPA 8240 08/27/94 DR
1,1,2-Trichloroethane	µg/L	1.0	5 EPA 8240 08/27/94 DR
Benzene	µg/L	1.0	5 EPA 8240 08/27/94 DR
trans-1,3-Dichloropropene	µg/L	1.0	5 EPA 8240 08/27/94 DR
Bromoform	µg/L	1.0	5 EPA 8240 08/27/94 DR
4-Methyl-2-pentene	µg/L	1.0	15 EPA 8240 08/27/94 DR

- * POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with '<' values.

09/01/94

LDO/kgseaw/gbp (dw) /1fg/roth



COAST-TO-COAST ANALYTICAL SERVICES, INC.

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A&B ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number : WK-1172-6
Report Date: 09/01/94
PO No. : MSN-94-01 -ND
Project : 09115.00

REPORT OF ANALYTICAL RESULTS
Page 18 of 26

SAMPLE DESCRIPTION	MATRIX		SAMPLED BY	ANALYZED DATE RECEIVED		
	Aqueous	CLIMATE				
NEW-06			08/24/94	08/26/94		
PARAMETER	RESULT	UNITS	DF	*POL. METHOD	ANALYZED BY	NOTES
2-Hexanone	<15.	µg/L	1.0	15 ERM 8240 08/27/94	DR	
1,1,2,2-Tetrachloroethane	<5.	µg/L	1.0	5 ERM 8240 08/27/94	DR	
1,1,2,2-Tetrachloroethane	<5.	µg/L	1.0	5 ERM 8240 08/27/94	DR	
Toluene	<5.	µg/L	1.0	5 ERM 8240 08/27/94	DR	
Chlorobenzene	<5.	µg/L	1.0	5 ERM 8240 08/27/94	DR	
Benzylbenzene	<5.	µg/L	1.0	5 ERM 8240 08/27/94	DR	
Styrene	<5.	µg/L	1.0	5 ERM 8240 08/27/94	DR	
Total Xylenes	<5.	µg/L	1.0	5 ERM 8240 08/27/94	DR	
Methylchloroethane ether	<10.	µg/L	1.0	10 ERM 8240 08/27/94	DR	
1,2-Dichloroethane (% Recovery)	103.	%	1.0	ERM 8240 08/27/94	DR	
Toluene-48 (% Recovery)	91.	%	1.0	ERM 8240 08/27/94	DR	
p-Bromochlorobenzene (% Recovery)	100.	%	1.0	ERM 8240 08/27/94	DR	

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with 'c' values.

09/01/94

LJO/efgarp (dk) /jfg/kah



COAST-TO-COAST ANALYTICAL SERVICES, INC.

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Fax (207) 775-4029

CLIENT: GAREY VAN HEST
A&B ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number : WK-1172-7
Report Date: 09/01/94
PO No. : MSN-94-01 -ND
Project : 09115.00

REPORT OF ANALYTICAL RESULTS
Page 19 of 26

SAMPLE DESCRIPTION	MATRIX		SAMPLED BY	ANALYZED DATE RECEIVED		
	Aqueous	CLIMATE				
MT-2			08/24/94	08/26/94		
PARAMETER	RESULT	UNITS	DF	*POL. METHOD	ANALYZED BY	NOTES
Lead, Total	0.005	mg/L	1.0	0.005 239.2/7421 08/27/94	KN	

* POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with 'c' values.
(1) Sample Preparation on 08/26/94 by NP using 3020

09/01/94

LJO/efgarp (dk) /jfg/kah
KED/GRA



COAST-TO-COAST ANALYTICAL SERVICES, INC.

EXCELLENCE IN ANALYSIS
Northeast Division
340 County Road, No. 5 • P.O. Box 720 • Westbrook, ME 04098
(207) 874-2400
Fax (207) 775-4029

CLIENT: GORGE VAN HEBERT
A&B ENVIRONMENTAL SERVICES
110 FREE STREET, P.O. BOX 7050 DTS
PORTLAND, ME 04112
Lab Number: WC-1172-7
Report Date: 09/01/94
PO No.: WSA-94-01-MD
Project: 09115.00

REPORT OF ANALYTICAL RESULTS

Page 10 of 26

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE RECEIVED
W-2	Aqueous	CLIENT	08/24/94 08/26/94

PARAMETER	RESULT UNITS	IF	*POL	METHOD	ANALYZED BY	NOTES
-----------	--------------	----	------	--------	-------------	-------

121. Volatile Organics + MME by USDA

1,2,3

Chloroethane	<10.	µg/L	1.0	10 EPA 8240 08/27/94	DR	
Bromochloroethane	<10.	µg/L	1.0	10 EPA 8240 08/27/94	DR	
Vinyl chloride	<10.	µg/L	1.0	10 EPA 8240 08/27/94	DR	
Chloroethene	<10.	µg/L	1.0	10 EPA 8240 08/27/94	DR	
Methylene chloride	<10.	µg/L	1.0	10 EPA 8240 08/27/94	DR	
Acetone	384	µg/L	1.0	15 EPA 8240 08/27/94	DR	
Carbon disulfide	<10.	µg/L	1.0	10 EPA 8240 08/27/94	DR	
1,1-Dichloroethane	<5.	µg/L	1.0	5 EPA 8240 08/27/94	DR	
1,1,2-Dichloroethane	<5.	µg/L	1.0	5 EPA 8240 08/27/94	DR	
Total 1,2-Dichloroethane	<5.	µg/L	1.0	5 EPA 8240 08/27/94	DR	
Chloroform	<5.	µg/L	1.0	5 EPA 8240 08/27/94	DR	
1,2-Dichloroethane	<5.	µg/L	1.0	5 EPA 8240 08/27/94	DR	

- * POL (Practical Quantitation Level) represents laboratory reporting limits and may not reflect sample-specific reporting limits. Sample-specific limits are indicated by results annotated with "<" values.
- (1) "m" flag denotes an estimated value less than the laboratory's Practical Quantitation Level.
- (2) "ng" flag denotes detection of this analyte in the laboratory method blank analyzed concurrently with the sample.
- (3) The method blank contained Acetone at 34 µg/L.

09/01/94

LCO/MSgar/SP/dm/jlg/psk

PREVIOUS BORING LOGS
2006



TEST BORING REPORT

Boring No. B1

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 2
Start September 25, 2006
Finish September 25, 2006

Driller F. Harrington








H&A Rep. C. Osgood

Elevation 130.48

Datum NAVD 88

Location See Plan

		Casing	Sampler	Barrel	Drilling Equipment and Procedures		Finish	September 25, 2000									
Type		HSA	SS	-	Rig Make & Model: Truck mounted B53		Driller	F. Harrington									
Inside Diameter (in.)		4	1 3/8	-	Bit Type: Cutting Head		H&A Rep.	C. Osgood									
Hammer Weight (lb.)		-	140	-	Drill Mud: None		Elevation	130.48									
Hammer Fall (in.)		-	30	-	Casing: Spun		Datum	NAVD 88									
					Hoist/Hammer: Winch / Safety Hammer		Location	See Plan									
Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel	Sand	Field Test							
								% Coarse % Fine	% Coarse % Medium % Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength			
0				NO WELL INSTALLED	130.0		-BITUMINOUS CONCRETE (6 in.)-										
	8 12 35 53	S1 11	1.0 3.0		0.5	SM	Dense, red-brown silty SAND with gravel, no structure, no odor, moist	10	5	-	10	50	25	-	-	-	-
	22 31 35 29	S2 11	3.0 5.0			SW- SM	Very dense red-brown well-graded SAND with silt and gravel, no odor, dry	15	15	15	20	25	10	-	-	-	-
5	12 20 23 27	S3 15	5.0 7.0				Similar to S2, except dense										
	22 12 10 13	S4 10	7.0 9.0		123.5	SP- SM	-POSSIBLE FILL- Medium dense red-brown poorly-graded SAND with silt, no odor, wet	-	10	5	35	40	10	-	-	-	-
10	16 8 8 8	S5 6	10.0 12.0			SP- SM	Medium dense red-brown poorly-graded SAND with silt and gravel, no odor, wet	-	15	10	40	25	10	-	-	-	-
15	6 5 5 6	S6 16	15.0 17.0				Similar to S5										
								-GLACIOFLUVIAL DEPOSITS-									

Water Level Data						Sample Identification	Well Diagram		Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon G Geoprobe	 Riser Pipe  Screen  Filter Sand  Cuttings  Grout  Concrete  Bentonite Seal		Overburden (lin. ft.) 22.0 Rock Cored (lin. ft.) - Samples 7S		
			Bottom of Casing	Bottom of Hole	Water						
9-25-06	1015	-	20.0	18.5	10.1				Boring No. B1		
Field Tests:		Dilatancy: R-Rapid, S-Slow, N-None Toughness: L-Low, M-Medium, H-High				Plasticity: N-Nonplastic, L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
1 SPT = Sampler blows per 6 in.						2 Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											



TEST BORING REPORT

Boring No. B1
File No. 33743-000
Sheet No. 2 of 2

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Field Test						
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength		
20	8 8 9 8	S7 10	20.0 22.0				Similar to S6												
					108.5 22.0		-GLACIOFLUVIAL DEPOSITS- Bottom of exploration 22.0 ft												

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Halev & Aldrich, Inc.

Boring No.

B1

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B1



TEST BORING REPORT

Boring No. B2

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.







File No. 33743-000
Sheet No. 1 of 2
Start September 25, 2006
Finish September 25, 2006
Driller F. Harrington
H&A Rep. C. Osgood

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

Elevation 128.28
Datum NAVD 88

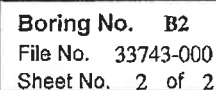
Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Field Test					
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength	
0				NO WELL INSTALLED	128.0													
	14 24 25 70	S1 10	0.5 2.5		0.3	SW- SM	-BITUMINOUS CONCRETE (4 in.)- Dense red-brown well-graded SAND with silt and gravel (except top 2 in. gray silty SAND), no odor, moist	15	10	20	20	25	10	-	-	-	-	
	15 19 9 7	S2 10	2.5 4.5				Similar to S1, except medium dense											
5	9 4 8 7	S3 10	5.0 7.0		SW- SM	Medium dense red-brown well-graded SAND with silt and gravel, no odor, wet	-	15	15	30	30	10	-	-	-	-		
	8 8 9 8	S4 6	7.0 9.0				Similar to S3											
10	3 3 4 4	S5 12	10.0 12.0		SW	Loose red-brown well-graded SAND with gravel, wet	-	20	20	30	30	-	-	-	-	-		
15	2 2 3 4	S6 8	15.0 17.0		SP	Loose red-brown poorly-graded SAND with gravel, no odor, M.C. =39.1%	7	20	12	46	13	2	-	-	-	-		
							Note: Augered to 20.0 ft. Approximately 4 ft of sand running up into augers. Added water to augers and redrilled, then sampled											
20							-GLACIOFLUVIAL DEPOSITS-											

Water Level Data						Sample Identification		Well Diagram		Summary			
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod		Riser Pipe	Overburden (lin. ft.) 22.0	Rock Cored (lin. ft.) -	Samples 7S		
			Bottom of Casing	Bottom of Hole	Water							T Thin Wall Tube	
9-25-06	1100	-	20.0	18.8	5.0 +/-	U Undisturbed Sample		Filter Sand	Boring No. B2				
						S Split Spoon		Cuttings					
						G Geoprobe		Grout					
								Concrete					
Field Tests:						Dilatancy: R-Rapid, S-Slow, N-None		Plasticity: N-Nonplastic, L-Low, M-Medium, H-High					
						Toughness: L-Low, M-Medium, H-High		Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
1 SPT = Sampler blows per 6 in.						2 Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.							
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.													

¹SPT = Sampler blows per 6 in.

²Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.



Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Fines		Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength	
20	1 1 2 4	S7 10	20.0 22.0		106.3 22.0		Similar to S7 (possibly disturbed)	10	20	10	45	15	-	-	-	-	-	
							-GLACIOFLUVIAL DEPOSITS- Bottom of exploration 22.0 ft											
										</								

TEST BORING REPORT

Boring No. **B3**








Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No.	33743-000
Sheet No.	1 of 2
Start	September 25, 2006
Finish	September 25, 2006
Driller	F. Harrington
H&A Rep.	C. Osgood

Elevation	129.55
Datum	NAVD 88
Location	See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

[illegible]

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon G Geoprobe	 Riser Pipe  Screen  Filter Sand  Cuttings  Grout  Concrete  Bentonite Seal				
			Bottom of Casing	Bottom of Hole	Water						
9-25-06	-	-	-	-	5.0 +/-			Overburden (lin. ft.)	22.0		
								Rock Cored (lin. ft.)	-		
								Samples	7S		
								Boring No.	B3		
Field Tests:		Dilatancy: R-Rapid, S-Slow, N-None Toughness: L-Low, M-Medium, H-High				Plasticity: N-Nonplastic, L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
¹ SPT = Sampler blows per 6 in. *Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.											
Note: Soil identification based on visual-manual methods of the USCS as practiced by Halev & Aldrich, Inc.											



TEST BORING REPORT

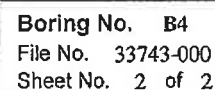
Boring No. B3
File No. 33743-000
Sheet No. 2 of 2

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand		Fines		Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength
20	4	S7	20.0				Gravel in spoon tip (possibly disturbed)										
1	1	3	22.0														
3					107.6		-GLACIOFLUVIAL DEPOSITS-										
					22.0		Bottom of exploration 22.0 ft										

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B3



Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Fines		Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength	
20	4 4 4 4	S7 10	20.0 22.0		109.1 22.0		Similar to S4	20	20	10	35	15	-	-	-	-	-	
							-GLACIOFLUVIAL DEPOSITS- Bottom of exploration at 22.0 ft											

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil Identification based on visual-manual methods of the USCS as practiced by Halev & Aldrich, Inc.

Boring No.

B4



TEST BORING REPORT

Boring No. B5

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 3
Start September 28, 2006
Finish September 28, 2006

Driller M. Glynn





H&A Rep. M. Pardi

Elevation 130.66

Datum NAVD 88

Location See Plan

		Casing	Sampler	Barrel	Drilling Equipment and Procedures		Finish Driller	September 28, 2008																												
Type	HW	SS	-	Rig Make & Model: Truck mounted B53		H&A Rep.	M. Glynn	M. Pardi																												
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head		Elevation	130.66																													
Hammer Weight (lb.)	300	140	-	Drill Mud: None		Datum	NAVD 88																													
Hammer Fall (in.)	30	30	-	Casing: Spun		Location	See Plan																													
				Hoist/Hammer: Winch / Safety Hammer																																
Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)					Gravel		Sand		Field Test																				
												% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength															
0				NO WELL INSTALLED	126.7 4.0	SP-SM	Medium dense red-brown poorly-graded SAND with silt and gravel, no odor, M.C. = 3.7%					-	10	10	40	30	10	-	-	-	-															
12		S1	0.5									23 26 26 29	S2 16	2.5 4.5	Similar to S1, except dense and with coarse quartz gravel, dry -POSSIBLE FILL-					5	10	10	35	30	10	-	-	-	-							
13																																				
16																																				
5					123.7 7.0	SP-SM	Dense red-brown poorly-graded SAND with silt and gravel, dry, no odor					5	10	5	20	50	10	-	-	-	-															
20		S3	5.0									25 20 10 8	S4 18	7.0 9.0	Medium dense red-brown poorly-graded SAND, no odor, wet					-	10	30	40	15	5	-	-	-	-							
30		6	7.0																																	
18																																				
10							SP	No recovery																												
22		S5	10.0										10 10 10 10	S5 0	12.0																					
10																																				
10																																				
15							SP	Medium dense red-brown poorly-graded SAND with gravel, wet					-	15	30	30	20	5	-	-	-	-														
22		S6	15.0										8 7 8	S6 8	17.0																					
8																																				
8																																				
-GLACIOFLUVIAL DEPOSITS-																																				

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod		Riser Pipe	Overburden (lin. ft.)	52.0	
			Bottom of Casing	Bottom of Hole	Water						T Thin Wall Tube
		Not Observed				U Undisturbed Sample		Filter Sand	Samples	13S	
						S Split Spoon		Cuttings	Boring No.	B5	
						G Geoprobe		Grout			
								Concrete			
								Bentonite Seal			
Field Tests:			Dilatancy: R-Rapid, S-Slow, N-None			Plasticity: N-Nonplastic, L-Low, M-Medium, H-High					
			Toughness: L-Low, M-Medium, H-High			Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
¹ SPT = Sampler blows per 6 in.						² Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											

TEST BORING REPORT

Boring No. B5

File No. 33743-000

Sheet No. 2 of 3

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel					Sand					Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength				
20	8 10 10 9	S7 10	20.0 22.0				Similar to S6														
25	53 36 23 21	S8 0	25.0 27.0				No recovery Note: Rock in tip of spoon														
30	29 23 21 23	S9 15	30.0 32.0			SM	Dense red-brown silty SAND, wet	-	-	-	20	50	30	-	-	-	-				
35	15 12 12 15	S10 12	35.0 37.0				Similar to S9, except medium dense														
40	15 25 24 25	S11 8	40.0 42.0			SP	Dense red-brown poorly-graded SAND with gravel	-	-	15	50	30	5	-	-	-	-				
45	14 18 19 23	S12 10	45.0 47.0				Similar to S11, except medium dense														
-GLACIOFLUVIAL DEPOSITS-																					

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No.

B5



TEST BORING REPORT

Boring No. B5
File No. 33743-000
Sheet No. 3 of 3

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand		Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness
50	36	S13	50.0			SP	Very dense red-brown poorly-graded SAND with gravel, no odor, wet	5	10	30	30	20	5	-	-
53	12		52.0		78.7		-GLACIOFLUVIAL DEPOSITS-								
49					52.0		Bottom of exploration at 52.0 ft								
54															

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B5



TEST BORING REPORT

Boring No. B6

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 28, 2006
Finish September 28, 2006
Driller F. Harrington
H&A Rep. M. Pardi

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

Elevation 129.91
Datum NAVD 88
Location See Plan

Depth (ft.)	SPT	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Field Test							
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness
0															
9		S1	0.5			SP	Medium dense red-brown poorly-graded SAND, moist	-	10	25	30	30	5	-	-
12		S1	2.5												
13															
16															
18		S2	2.5				Similar to S1								
14		S2	4.5												
14															
12															
5					124.9		-FILL-								
6		S3	5.0		5.0	GP	Medium dense red-brown poorly-graded GRAVEL with sand, moist	-	20	25	30	20	5	-	-
5		S3	7.0												
7															
7															
6		S4	7.0			GP	Medium dense red-brown poorly-graded GRAVEL with sand, wet	5	20	30	25	15	5	-	-
7		S4	9.0												
9															
7															
10					119.9										
2		S5	10.0		10.0	SP-SM	Loose red-brown poorly-graded SAND with silt, wet	-	-	20	20	50	10	-	-
2		S5	12.0												
3															
3															
15					112.9										
8		S6	15.0			SP	Medium dense red-brown poorly-graded SAND with gravel, wet	5	25	20	40	10	-	-	-
11		S6	17.0												
16															
17					112.9		-GLACIOFLUVIAL DEPOSITS-								
					17.0		Bottom of exploration at 17.0 ft								

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to:		
			Bottom of Casing	Bottom of Hole	Water
9-28-06	1100	-	-	-	7.0

Sample Identification

O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram

	Riser Pipe
	Screen
	Filter Sand
	Cuttings
	Grout
	Concrete
	Bentonite Seal

Summary

Overburden (lin. ft.)	17.0
Rock Cored (lin. ft.)	-
Samples	6S
Boring No.	B6

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Toughness: L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

¹SPT = Sampler blows per 6 in. ²Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

TEST BORING REPORT

Boring No. B7

File No. 33743-000

Sheet No. 2 of 2

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand				Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength
20	6 14 16 15	S7 16	20.0 22.0		107.0 22.0	SW- SM	Dense red-brown well graded SAND with silt and gravel, no odor, wet	10	10	20	30	20	10	-	-	-	-
							-GLACIOFLUVIAL DEPOSITS-										
							Bottom of exploration at 22.0 ft										

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B7

TEST BORING REPORT

Boring No. B8

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No.	33743-000
Sheet No.	1 of 2
Start	September 26, 2006
Finish	September 26, 2006
Driller	F. Harrington

H&A Rep. M. Pardi








Elevation	129.91
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Datum NAVD 88

Location	See Plan
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	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

[illegible]

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O	T	U	S	G	
			Bottom of Casing	Bottom of Hole	Water						
9-26-06	-	-	-	-	5.0						
						O	Open End Rod		Riser Pipe	Overburden (lin. ft.) 22.0	
						T	Thin Wall Tube		Screen	Rock Cored (lin. ft.) -	
						U	Undisturbed Sample		Filter Sand	Samples 7S	
						S	Split Spoon		Cuttings		
						G	Geoprobe		Grout		
									Concrete	Boring No. B8	
									Bentonite Seal		

Field Tests:	Dilatancy: R-Rapid, S-Slow, N-None	Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
	Toughness: L-Low, M-Medium, H-High	Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

¹SPT = Sampler blows per 6 in.

²Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



TEST BORING REPORT

Boring No. B8
File No. 33743-000
Sheet No. 2 of 2

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Field Test				
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength
20	2	S7	20.0				Similar to S6										
	3	24	22.0		107.9		-GLACIOFLUVIAL DEPOSITS-										
	3				22.0		Bottom of exploration at 22.0 ft										
	3																
	</																

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B8



TEST BORING REPORT

Boring No. B9

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.








File No. 33743-000
Sheet No. 1 of 2
Start September 27, 2006
Finish September 27, 2006
Driller M. Glynn

H&A Rep. M. Pardi

Elevation 130.44
Datum NAVD 88

Location See Plan

		Casing	Sampler	Barrel	Drilling Equipment and Procedures		Finish		September 27, 2000												
Type		HSA	SS	-	Rig Make & Model: Truck mounted B53		Driller		M. Glynn												
Inside Diameter (in.)		4	1 3/8	-	Bit Type: Cutting Head		H&A Rep.		M. Pardi												
Hammer Weight (lb.)		-	140	-	Drill Mud: None		Elevation		130.44												
Hammer Fall (in.)		-	30	-	Casing: Spun		Datum		NAVD 88												
					Hoist/Hammer: Winch / Safety Hammer		Location		See Plan												
Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand		Field Test									
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength				
0	10	S1	0.0	NO WELL INSTALLED	130.0	SM	-BITUMINOUS CONCRETE (5 in.)-														
	15	11	2.0		0.4		Dense red-brown silty SAND with gravel, no structure, no odor, dry; with organic pocket	5	15	5	15	30	30	-	-	-	-				
	27						Similar to S1, except very dense, no organics														
	29	S2	2.0																		
	37	4	4.0																		
	39				126.4		-FILL-														
	33				4.0																
5	5	S3	5.0			SP	Medium dense red-brown poorly-graded SAND, no odor, moist	-	-	5	45	50	-	-	-	-	-				
	12	9	7.0																		
	12																				
	12																				
	15	S4	7.0			SW-SM	Medium dense well-graded SAND with silt and gravel, no odor, dry	5	20	20	20	25	10	-	-	-	-				
	15	9	9.0																		
	12																				
	16																				
10	6	S5	10.0		GP	Medium dense red-brown poorly-graded GRAVEL with sand, no odor, wet	40	20	15	10	10	5	-	-	-	-					
	8	9	12.0																		
	10																				
	11																				
15	4	S6	15.0		SP-SM	Loose red-brown poorly-graded SAND with silt and gravel, layers of fine gravel, no odor, wet	-	20	35	20	15	10	-	-	-	-					
	5	11	17.0																		
	5																				
	5																				
	4																				

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon G Geoprobe	 Riser Pipe  Screen  Filter Sand  Cuttings  Grout  Concrete  Bentonite Seal		Overburden (lin. ft.) 21.5 Rock Cored (lin. ft.) - Samples 7S	Boring No. B9	
			Bottom of Casing	Bottom of Hole	Water						
9-25-06	1010	-	9.0	9.0	7.5						
Field Tests:			Dilatancy: R-Rapid, S-Slow, N-None Toughness: L-Low, M-Medium, H-High			Plasticity: N-Nonplastic, L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
SPT = Sampler blows per 6 in.			Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.								
Note: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											

TEST BORING REPORT

Boring No. B9
File No. 33743-000
Sheet No. 2 of 2

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Field Test					
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength	
20	44	16	21.5		108.9		-GLACIOFLUVIAL DEPOSITS-											
	25				21.5		Bottom of exploration at 21.5 ft											
	23																	

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B9



TEST BORING REPORT

Boring No. B10

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.








File No. 33743-000
Sheet No. 1 of 2
Start September 25, 2006
Finish September 25, 2006
Driller M. Glynn
H&A Rep. M. Pardi

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

Elevation 129.62
Datum NAVD 88

Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Field Test					
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength	
0	14 31 19 23	S1 7	0.0 2.0	NO WELL INSTALLED	129.3 0.3	SW	-BITUMINOUS CONCRETE (4 in.)- Dense brown well-graded SAND with gravel, no odor, dry	30	15	5	20	30	-	-	-	-	-	
	29 17 19 22	S2 7	2.0 4.0				Similar to S1, except medium dense											
					125.6 4.0		-FILL-											
5	21 29 22 11	S3 0	5.0 7.0				No recovery											
	14 15 16 11	S4 3	7.0 9.0		GM		Medium dense red-brown silty GRAVEL with sand, no odor, wet	30	20	15	10	10	15	-	-	-	-	
10	2 2 3 5	S5 8	10.0 12.0		SW		Loose red-brown well-graded SAND with gravel, thin layer of coarse sand, no odor, wet	-	20	25	30	20	5	-	-	-	-	
15	5 6 8 8	S6 7	15.0 17.0		SW		Medium dense red-brown well-graded SAND with gravel, no odor, wet	25	20	20	15	15	5	-	-	-	-	
							-GLACIOFLUVIAL DEPOSITS-											

Water Level Data						Sample Identification		Well Diagram		Summary																	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod	T Thin Wall Tube	U Undisturbed Sample	S Split Spoon	G Geoprobe	 Riser Pipe	 Screen	 Filter Sand	 Cuttings	 Grout	 Concrete	 Bentonite Seal	Overburden (lin. ft.)	22.0	Rock Cored (lin. ft.)	-	Samples	7S	Boring No.	B10		
			Bottom of Casing	Bottom of Hole	Water																						
9-25-06	1125	-	22.0	22.0	7.0																						

Boring No. B10

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Toughness: L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

¹SPT = Sampler blows per 6 in. ²Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



TEST BORING REPORT

Boring No. B10
File No. 33743-000
Sheet No. 2 of 2

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.) <i>t_s</i>	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand		Fines		Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength
20	6	S7	20.0				Loose red-brown well-graded SAND with silt and gravel, thin layer of silt and a layer of coarse sand, no odor, wet	10	10	25	25	20	10	-	-	-	-
	4	20	22.0		107.6		-GLACIOFLUVIAL DEPOSITS-										
	4				22.0		Bottom of exploration at 22.0 ft										
	6																

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B10



TEST BORING REPORT

Boring No. B11

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 2
Start September 25, 2006
Finish September 25, 2006
Driller M. Glynn

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

H&A Rep. M. Pardi

Elevation 129.57
Datum NAVD 88

Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Field Test						
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength		
0	4 10 15 17	S1 13	0.0 2.0	NO WELL INSTALLED		SW	Medium dense red-brown well-graded SAND with gravel, no odor, dry	-	20	30	30	15	5	-	-	-	-		
	14 15 16 18	S2 13	2.0 4.0				Similar to S1	5	15	30	30	15	5	-	-	-	-		
5	9 7 7 8	S3 14	5.0 7.0				SW	Medium dense red-brown well-graded SAND, no odor, wet	5	5	10	40	35	5	-	-	-	-	
	4 6 6 6	S4 19	7.0 9.0				Similar to S3												
10	6 12 13 12	S5 15	10.0 12.0				SM	Medium dense red-brown silty SAND, no odor, wet, some laminations	-	5	10	15	50	20	-	-	-	-	
15	7 7 10 9	S6 15	15.0 17.0				SW	Medium dense red-brown well-graded SAND, no odor, wet	-	10	30	40	15	5	-	-	-	-	

-GLACIOFLUVIAL DEPOSITS-

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod	T Thin Wall Tube	U Undisturbed Sample	S Split Spoon	G Geoprobe	Overburden (lin. ft.) 22.0
			Bottom of Casing	Bottom of Hole	Water						
9-25-06	1230	-	15.0	15.0	5.0						Samples 7S
											Boring No. B11
Field Tests:		Dilatancy: R-Rapid, S-Slow, N-None				Plasticity: N-Nonplastic, L-Low, M-Medium, H-High					
		Toughness: L-Low, M-Medium, H-High				Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
SPT = Sampler blows per 6 in.		Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.									
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											



TEST BORING REPORT

Boring No. B11
File No. 33743-000
Sheet No. 2 of 2

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand		Field Test						
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength	
20	10 8 9 11	S7 11	20.0 22.0		107.6 22.0		Similar to S6											
							-GLACIOFLUVIAL DEPOSITS- Bottom of exploration at 22.0 ft											

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B11

USCS T84 USCSLIB4.GLB USCS_T85.GDT G:\3743\000\DATABASES\33743000\TB.GPJ Nov 14, 05



TEST BORING REPORT

Boring No. B12
File No. 33743-000
Sheet No. 2 of 2

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand				Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength
20	12	S7	20.0				Similar to S6, except dense										
9	24	24	22.0														
24																	
22																	
					108.4		-GLACIOFLUVIAL DEPOSITS-										
					22.0		Bottom of exploration at 22.0 ft										

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B12








Boring No. B13

File No.	33743-000
Sheet No.	1 of 2
Start	September 28, 2006
Finish	September 28, 2006
Driller	F. Harrington

H&A Rep. M. Pardi

Elevation	129.75
Datum	NAVD 88

Location	See Plan
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				Casing	Sampler	Barrel	Drilling Equipment and Procedures				Finish September 28, 2000																	
Type				HSA	SS	-	Rig Make & Model: Truck mounted B53				Driller F. Harrington																	
Inside Diameter (in.)				4	1 3/8	-	Bit Type: Cutting Head				H&A Rep. M. Pardi																	
Hammer Weight (lb.)				-	140	-	Drill Mud: None				Elevation 129.75																	
Hammer Fall (in.)				-	30	-	Casing: Spun				Datum NAVD 88																	
							Hoist/Hammer: Winch / Safety Hammer				Location See Plan																	
Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)							Gravel		Sand			Field Test									
														% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength					
0				NO WELL INSTALLED	122.8 7.0	SP-SM	Medium dense red-brown poorly-graded SAND with silt, no odor, moist Similar to S1 Similar to S2, except very loose Loose red-brown poorly-graded SAND with silt, no odor, wet Similar to S4 Medium dense red-brown silty SAND with gravel, no odor, wet							-	5	10	40	35	10	-	-	-	-					
10		S1	0.5																									
13		16	2.5																									
16																												
16																												
10		S2	2.5																									
8		3	4.5																									
5																												
3		S3	5.0																									
1		3	7.0																									
1																												
3		S4	7.0			SP-SM	Loose red-brown poorly-graded SAND with silt, no odor, wet Similar to S4 Medium dense red-brown silty SAND with gravel, no odor, wet							-	10	20	50	10	10	-	-	-	-					
3		6	9.0																									
5																												
6																												
10		S5	10.0																									
4		5	12.0																									
3																												
3																												
15		S6	15.0																									
8		20	17.0																									
8																												
7																												
8																												
					111.8 18.0		-GLACIOFLUVIAL DEPOSITS-																					
20																												
Water Level Data						Sample Identification			Well Diagram			Summary																
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod	T Thin Wall Tube	U Undisturbed Sample	S Split Spoon	G Geoprobe		Riser Pipe	Overburden (lin. ft.) 22.0															
			Bottom of Casing	Bottom of Hole	Water												Screen											
9-28-06	0900	-	22.0	22.0	7.0							Filter Sand	Rock Cored (lin. ft.) -															
												Cuttings				Samples 7S												
												Grout	Boring No. B13															
												Concrete																
												Bentonite Seal																
Field Tests:						Dilatancy: R-Rapid, S-Slow, N=None			Plasticity: N-Nonplastic, L-Low, M-Medium, H-High																			
						Toughness: L-Low, M-Medium, H-High			Dry Strength: N=None, L-Low, M-Medium, H-High, V-Very High																			
1 SPT = Sampler blows per 6 in.						2 Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.																						
Note: Soil identification based on visual-manual methods of the USCS as practiced by Halev & Aldrich, Inc.																												



TEST BORING REPORT

Boring No. B13
File No. 33743-000
Sheet No. 2 of 2

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand				Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength
20	3 4 3 3	S7	20.0 22.0				Loose red-brown poorly-graded SAND with gravel, no odor, wet	5	10	20	50	15	-	-	-	-	-
					107.8 22.0		-GLACIOFLUVIAL DEPOSITS- Bottom of exploration at 22.0 ft										

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B13



TEST BORING REPORT







Boring No. B14

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 26, 2006
Finish September 26, 2006
Driller F. Harrington
H&A Rep. M. Pardi
Elevation 129.75
Datum NAVD 88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse % Fine	Sand % Coarse % Medium % Fine	% Fines	Field Test Dilatancy Toughness Plasticity Strength
0	10 11 14 26	S1 15	0.0 2.0	NO WELL INSTALLED	117.8 12.0	SP	Medium dense red-brown poorly-graded SAND, dry	-	-	20 50 30	-
	33 29 15 15	S2 8	2.0 4.0				Similar to S1, except quartz fragment in spoon tip, M.C. = 3.2%				
5	6 7 10 13	S3 9	5.0 7.0			SP	Medium dense red-brown poorly-graded SAND with gravel, moist	10	5	20 35 30	-
	4 7 7 9	S4 4	7.0 9.0			SP	Medium dense red-brown poorly-graded SAND, wet	-	5	30 40 30	-
10	5 7 12 12	S5 0	10.0 12.0				No recovery				
							-GLACIOFLUVIAL DEPOSITS-				
							Bottom of exploration at 12.0 ft				

Water Level Data						Sample Identification		Well Diagram		Summary								
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O	Open End Rod		Riser Pipe	Overburden (lin. ft.) 12.0	Rock Cored (lin. ft.) -							
			Bottom of Casing	Bottom of Hole	Water							T	Thin Wall Tube		Screen			
9-26-06	-	-	-	-	6.0	U	Undisturbed Sample		Filter Sand							Samples 5S		
												S	Split Spoon		Cuttings			
																	G	Geoprobe
											Concrete							
	Bentonite Seal	Boring No. B14																
			Field Tests:		Dilatancy: R-Rapid, S-Slow, N-None		Plasticity: N-Nonplastic, L-Low, M-Medium, H-High											
		Toughness: 1-Low, M-Medium, H-High		Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High														
1 SPT = Sampler blows per 6 in			2 Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.															
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.																		



TEST BORING REPORT

Boring No. B15

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 26, 2006
Finish September 26, 2006
Driller M. Glynn
H&A Rep. M. Pardi

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

Elevation 130.04
Datum NAVD 88
Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Field Test					
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength	
0	4 18 13 14	S1 14	0.0 2.0	NO WELL INSTALLED	118.0 12.0	SP	Dense red-brown poorly-graded SAND, no odor, moist	-	-	5	45	45	5	-	-	-	-	
	12 8 9 9	S2 15	2.0 4.0			Similar to S1, except medium dense												
						Similar to S2												
5	6 9 9 6	S3 10	5.0 7.0			SP	Medium dense brown poorly-graded SAND, wet	-	10	20	60	10	5	-	-	-	-	
	6 9 10 10	S4 16	7.0 9.0			Similar to S4												
10	6 7 11 12	S5 24	10.0 12.0			-GLACIOFLUVIAL DEPOSITS-												
						Bottom of exploration at 12.0 ft												

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod	T Thin Wall Tube	U Undisturbed Sample	S Split Spoon	G Geoprobe	Overburden (lin. ft.) 12.0 Rock Cored (lin. ft.) - Samples 5S
			Bottom of Casing	Bottom of Hole	Water						
9-26-06	-	-	-	-	6.0						
Field Tests:						Dilatancy: R-Rapid, S-Slow, N-None Toughness: L-Low, M-Medium, H-High		Plasticity: N-Nonplastic, L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High		Boring No. B15	
1SPT = Sampler blows per 6 in.						2Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											

Boring No. B17

Project	Proposed Retail Building	Manchester, Connecticut
Client	[REDACTED]	
Contractor	Seaboard Drilling, Inc.	








File No.	33743-000
Sheet No.	1 of 1
Start	September 28, 2006
Finish	September 28, 2006
Driller	F. Harrington

H&A Rep. M. Pardi

Elevation	130.93
Datum	NAVD 88

Location	See Plan
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				Casing	Sampler	Barrel	Drilling Equipment and Procedures				Finish September 28, 2000							
Type				HSA	SS	-	Rig Make & Model: Truck mounted B53				Driller F. Harrington							
Inside Diameter (in.)				4	1 3/8	-	Bit Type: Cutting Head				H&A Rep. M. Pardi							
Hammer Weight (lb.)				-	140	-	Drill Mud: None				Elevation 130.93							
Hammer Fall (in.)				-	30	-	Casing: Spun				Datum NAVD 88							
							Hoist/Hammer: Winch / Safety Hammer				Location See Plan							
Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel	Sand			Field Test						
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength	
0				NO WELL INSTALLED														
10		S1	1.0		SP-SM	Medium dense red-brown poorly-graded SAND with silt, moist	-	-	10	30	50	10	-	-	-	-		
11		18	3.0															
13																		
22																		
33		S2	3.0		SP	Dense red-brown poorly-graded SAND, moist	-	10	25	40	20	5	-	-	-	-		
37		15	5.0															
35																		
27																		
5		S3	5.0		SP	Medium dense red-brown poorly-graded SAND, moist	-	5	75	40	25	5	-	-	-	-		
11		6	7.0															
7																		
10																		
8																		
13		S4	7.0	SP	Medium dense red-brown poorly-graded SAND with gravel, no odor, wet	-	15	30	30	20	5	-	-	-	-			
16		6	9.0															
18																		
21																		
10		S5	10.0				Similar to S4											
5		20	12.0															
5																		
12																		
9																		
15		S6	15.0				Similar to S5, except loose											
3		20	17.0															
3					113.9		-GLACIOFLUVIAL DEPOSITS-											
4					17.0		Bottom of exploration at 17.0 ft.											
5																		

Water Level Data						Sample Identification		Well Diagram		Summary			
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:		Water	O Open End Rod	T Thin Wall Tube	U Undisturbed Sample	S Split Spoon	G Geoprobe	 Riser Pipe  Screen  Filter Sand  Cuttings  Grout  Concrete  Bentonite Seal	Overburden (lin. ft.) 17.0	
			Bottom of Casing	Bottom of Hole								Rock Cored (lin. ft.) -	
9-28-06	1000	-	-	-	7.0							Samples 6S	
											Boring No. B17		
Field Tests:						Dilatancy: R-Rapid, S-Slow, N-None Toughness: L-Low, M-Medium, H-High Plasticity: N-Nonplastic, L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High							
SPT = Sampler blows per 6 in.						Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.							
Note: Soil identification based on visual-manual methods of the USCS as practiced by Halcrow & Aldrich, Inc.													



TEST BORING REPORT

Boring No. B18

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 26, 2006
Finish September 26, 2006
Driller F. Harrington

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

H&A Rep. M. Pardi

Elevation 130.81
Datum NAVD 88

Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Field Test						
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength		
0	7 15 13 18	S1 11	0.0 2.0	NO WELL INSTALLED	118.8 12.0	SP-SM	Medium dense red-brown poorly-graded SAND with silt and gravel, no odor, moist	5	10	20	25	30	10	-	-	-	-		
	30 34 28 20	S2 3	2.0 4.0				Similar to S1, except very dense												
5	11 7 15 18	S3 5	5.0 7.0				Similar to S2, except medium dense												
	14 17 12 12	S4 14	7.0 9.0				SW	Medium dense red-brown well-graded SAND, wet	-	10	30	25	30	5	-	-	-	-	
10	5 7 9 9	S5 10	10.0 12.0				SP-SM	Medium dense red-brown poorly-graded SAND with silt, wet	-	-	15	55	30	10	-	-	-	-	
								-GLACIOFLUVIAL DEPOSITS- Bottom of exploration at 12.0 ft											

Water Level Data				Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:	O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon G Geoprobe		Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal		Overburden (lin. ft.) 12.0 Rock Cored (lin. ft.) - Samples -	Boring No. B18
			Bottom of Casing Bottom of Hole Water						
9-26-06	-	-	-	-	-	-	-	-	-

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Toughness: L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

¹SPT = Sampler blows per 6 in. ²Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



TEST BORING REPORT

Boring No. B19

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 27, 2006
Finish September 27, 2006
Driller M. Glynn

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

H&A Rep. M. Pardi

Elevation 131.80
Datum NAVD 88

Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand		Field Test								
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength			
0				NO WELL INSTALLED	119.8 12.0	SP	Medium dense red-brown poorly-graded SAND, moist	-	-	10	40	50	-	-	-	-	-			
4 8 10 12	S1 20	0.5 2.5																		
12 10 11 10	S2 24	2.5 4.5																		
5																				
5 7 8 10	S3 24	5.0 7.0																		
8 10 12 13	S4 18	7.0 9.0																		
10																				
5 11 12 12	S5 18	10.0 12.0																		
							-GLACIOFLUVIAL DEPOSITS- Bottom of exploration at 12.0 ft													

NO WELL INSTALLED

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O	Open End Rod		Riser Pipe	Overburden (lin. ft.) 12.0 Rock Cored (lin. ft.) - Samples 5S	
			Bottom of Casing	Bottom of Hole	Water	T	Thin Wall Tube		Screen		
		Not Observed				U	Undisturbed Sample		Filter Sand	Boring No. B19	
						S	Split Spoon		Cuttings		
						G	Geoprobe		Grout		
									Concrete		
Field Tests:						Dilatancy: R-Rapid, S-Slow, N-None		Plasticity: N-Nonplastic, L-Low, M-Medium, H-High			
						Toughness: L-Low, M-Medium, H-High		Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High			

¹SPT = Sampler blows per 6 in.

²Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

USCS_TB4 USCS_TB4.GLB USCS_TB5.GDT G:\33743\000\DATABASES\33743000TB.GPJ Nov 14, 08



TEST BORING REPORT

Boring No. B20
File No. 33743-000
Sheet No. 2 of 2

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand		Fines		Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength
20	6	S7	20.0		109.1	SM	Medium dense red-brown silty SAND, wet	-	-	-	25	60	15	-	-	-	-
	10	24	22.0		21.0		Very stiff red-brown SILT, no odor, wet	-	-	-	-	-	100	-	-	-	-
	18				108.1		-GLACIOFLUVIAL DEPOSITS-										
	21				22.0		Bottom of exploration at 22.0 ft										

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B20



TEST BORING REPORT

Boring No. B21

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 2
Start September 27, 2006
Finish September 27, 2006

Driller M. Glynn

H&A Rep. M. Pardi

Elevation 130.72






Datum NAVD 88

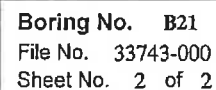
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel					Sand					Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength				
0																					
10		S1	0.5			SP	Dense red-brown poorly-graded SAND, dry	5	-	20	25	50	-	-	-	-	-				
18		18	2.5																		
26																					
37																					
32		S2	2.5				Similar to S1, except very dense														
36		15	4.5																		
38																					
42																					
5																					
23		S3	5.0			SP	Very dense red-brown poorly-graded SAND with gravel, wet (several sandstone fragments in spoon)	20	5	25	25	20	5	-	-	-	-				
49		6	7.0																		
59																					
33																					
19		S4	7.0			SM	Dense red-brown silty SAND, wet	-	-	20	30	30	20	-	-	-	-				
25		8	9.0																		
16																					
10																					
6		S5	10.0				Similar to S4, except medium dense														
20		15	12.0																		
18																					
16																					
15																					
6		S6	15.0			SP-SM	Medium dense red-brown poorly-graded SAND with silt and gravel, wet	-	30	20	30	10	10	-	-	-	-				
14		6	17.0																		
13																					
12																					
20																					

-GLACIOFLUVIAL DEPOSITS-

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O	Open End Rod		Riser Pipe	Overburden (lin. ft.)	22.0
			Bottom of Casing	Bottom of Hole	Water						
9-26-06	-	-	-	-	7.0	U	Undisturbed Sample		Filter Sand	Samples	7S
						S	Split Spoon		Cuttings	Boring No.	B21
						G	Geoprobe		Grout		
Field Tests:						Dilatancy: R-Rapid, S-Slow, N-None				Plasticity: N-Nonplastic, L-Low, M-Medium, H-High	
						Toughness: L-Low, M-Medium, H-High					
1 SPT = Sampler blows per 6 in.						2 Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											



Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Fines			Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength		
20	6 7 13 14	S7 13	20.0 22.0		108.7 22.0	SP-SM	Medium dense red-brown poorly-graded SAND with silt and gravel, wet	-	10	10	30	40	10	-	-	-	-		
							-GLACIOFLUVIAL DEPOSITS- Bottom of exploration at 22.0 ft												



TEST BORING REPORT

Boring No. B22

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 2
Start September 27, 2006
Finish September 27, 2006

Driller M. Glynn


H&A Rep. M. Pardi

Elevation 130.89
Datum NAVD 88

Location See Plan

		Casing	Sampler	Barrel	Drilling Equipment and Procedures	
Type		HSA	SS	-	Rig Make & Model: Truck mounted B53	
Inside Diameter (in.)	4	1 3/8	-	-	Bit Type: Cutting Head	
Hammer Weight (lb.)	-	140	-	-	Drill Mud: None	
Hammer Fall (in.)	-	30	-	-	Casing: Spun	
					Hoist/Hammer: Winch / Safety Hammer	

Depth (ft.)	SPT*	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand		Field Test		
								% Coarse	% Fine	% Coarse	% Medium	% Fine	Dilatancy	Toughness
0														
19		S1	0.5			SP	Dense red-brown poorly-graded SAND, moist	-	-	10	50	40	-	-
23		18	2.5											
27														
22														
27		S2	2.5				Similar to S2, except very dense							
50/4		12	4.5											
5														
19		S3	5.0				Similar to S2							
28		18	7.0											
37														
42														
50/5		S4	7.0				Similar to S3, except wet							
		15	9.0				-POSSIBLE FILL-							
10														
7		S5	10.0			SP	Medium dense red-brown poorly-graded SAND, wet	-	-	20	50	30	-	-
7		10	12.0											
8														
7														
15														
4		S6	15.0				Similar to S5							
9		20	17.0											
12														
12														
20							-GLACIOFLUVIAL DEPOSITS-							

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon G Geoprobe		Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (lin. ft.) 22.0		
			Bottom of Casing	Bottom of Hole	Water				Rock Cored (lin. ft.) -		
9-27-06	-	-	-	-	5.0				Samples 7S		
									Boring No. B22		
Field Tests:		Dilatancy: R-Rapid, S-Slow, N-None Toughness: L-Low, M-Medium, H-High				Plasticity: N-Nonplastic, L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
*SPT = Sampler blows per 6 in.						*Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											

TEST BORING REPORT

Boring No. B22
File No. 33743-000
Sheet No. 2 of 2

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand		Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness
20	22	57	20.0				Similar to S6, except very dense								
41	41	20	22.0												
52	52				108.9		-GLACIOFLUVIAL DEPOSITS-								
44	44				22.0		Bottom of exploration at 22.0 ft								

¹SPT = Sampler blows per 6 in. ²Maximum particle size is determined by direct observation within the limitations of sampler size.

NOTE: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

Boring No. B22



TEST BORING REPORT

Boring No. B23

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 26, 2006
Finish September 26, 2006
Driller F. Harrington
H&A Rep. M. Pardi

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

Elevation 132.06
Datum NAVD 88
Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel					Sand					Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength				
0																					
11		S1	0.5			SP	Medium dense red-brown poorly-graded SAND, moist	-	-	10	80	15	5	-	-	-	-				
10		18	2.5																		
10																					
12		S2	2.5				Similar to S1														
12		18	4.5																		
13																					
18																					
5																					
6		S3	5.0			SP	Medium dense red-brown poorly-graded SAND, wet	-	-	-	15	80	5	-	-	-	-				
7		16	7.0																		
7																					
9																					
7		S4	7.0			ML	Medium dense red-brown sandy SILT	-	-	-	-	60	40	-	-	-	-				
14		24	9.0																		
12																					
13																					
10																					
2		S5	10.0				Similar to S4, except loose														
2		24	12.0																		
3																					
6																					
					120.1		-GLACIOFLUVIAL OUTWASH-														
					12.0		Bottom of exploration at 12.0 ft														

NO WELL INSTALLED

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod	T Thin Wall Tube	U Undisturbed Sample	S Split Spoon	G Geoprobe	Overburden (lin. ft.) 12.0
			Bottom of Casing	Bottom of Hole	Water						
9-26-06	-	-	-	-	5.0						Samples SS
											Boring No. B23
Field Tests:						Dilatancy: R-Rapid, S-Slow, N-None		Plasticity: N-Nonplastic, L-Low, M-Medium, H-High			
						Toughness: L-Low, M-Medium, H-High		Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High			
1 SPT = Sampler blows per 6 in.						2 Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											



TEST BORING REPORT

Boring No. B26

Project Proposed Retail Building Manchester, Connecticut
Client XXXXXXXXXX
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 26, 2006
Finish September 26, 2006
Driller F. Harrington
H&A Rep. M. Pardi

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

Elevation 131.09
Datum NAVD 88
Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand		Field Test							
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength		
0	7 8 10 10	S1 16	0.0 2.0	NO WELL INSTALLED	120.1 11.0 119.1 12.0	SP	Medium dense red-brown poorly-graded SAND, dry	-	-	5	45	45	5	-	-	-	-		
	9 10 10 9	S2 18	2.0 4.0			Similar to S1													
5	4 7 10 13	S3 20	5.0 7.0			SP-SM	Medium dense red-brown poorly-graded SAND with silt, wet	-	-	-	40	50	10	-	-	-	-	-	
	6 7 9 8	S4 20	7.0 9.0			Similar to S3													
10	4 4 7 12	S5 20	10.0 12.0				Similar to S4												
								SP	Medium dense red-brown poorly-graded SAND, wet	-	-	10	70	15	5	-	-	-	-
									-GLACIOFLUVIAL DEPOSITS- Bottom of exploration at 12.0 ft										

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O	Open End Rod		Riser Pipe	Overburden (lin. ft.) 12.0 Rock Cored (lin. ft.) - Samples 5S	
			Bottom of Casing	Bottom of Hole	Water	T	Thin Wall Tube		Screen		
9-26-06	-	-	-	-	5.5	U	Undisturbed Sample		Filter Sand	Boring No. B26	
						S	Split Spoon		Cuttings		
						G	Geoprobe		Grout		
									Concrete		
Field Tests:						Dilatancy: R-Rapid, S-Slow, N-None		Plasticity: N-Nonplastic, L-Low, M-Medium, H-High			
						Toughness: L-Low, M-Medium, H-High		Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High			
						¹ SPT = Sampler blows per 6 in. ² Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											

Nov 14, 06

USCS_TB4 USCS_TB4 GLB USCS_TB5 GDT G:\33743\000\DATA\BASES\33743000TB.GPJ



TEST BORING REPORT

Boring No. B27

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 26, 2006
Finish September 26, 2006
Driller M. Glynn

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

H&A Rep. M. Pardi

Elevation 132.33
Datum NAVD 88

Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Field Test				
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength
0				NO WELL INSTALLED	128.8 3.5	SP	Medium dense red-brown poorly-graded SAND, no odor, dry	5	-	20	60	15	-	-	-	-	
11 21 17 13	S1 15	0.5 2.5	Similar to S1														
17 13 9 8	S2 20	2.5 4.5	ML			Medium dense red-brown sandy SILT											
5	??	S3 0	5.0 7.0					No recovery									
	6 9 11 11	S4 24	7.0 9.0			SM	Medium dense red-brown silty SAND, no odor, wet	-	-	-	-	80	20	-	-	-	-
10	4 5 7 9	S5 16	10.0 12.0				120.3 12.0		Similar to S4								
									-GLACIOFLUVIAL DEPOSITS- Bottom of exploration at 12.0 ft								

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon G Geoprobe		Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (lin. ft.) 12.0 Rock Cored (lin. ft.) - Samples SS		
			Bottom of Casing	Bottom of Hole	Water						
9-26-06	-	-	-	-	~5.0						
Field Tests:						Dilatancy: R-Rapid, S-Slow, N-None Toughness: L-Low, M-Medium, H-High		Plasticity: N-Nonplastic, L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High		Boring No. B27	
¹ SPT = Sampler blows per 6 in.						² Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											



TEST BORING REPORT





Boring No. B29

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 26, 2006
Finish September 26, 2006
Driller M. Glynn
H&A Rep. M. Pardi
Elevation 135.81
Datum NAVD 88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Field Test											
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength							
0				NO WELL INSTALLED	123.8 12.0	SP	Dense brown silty SAND with gravel, moist	-	15	5	15	50	15	-	-	-	-							
4 14 21 24	S1 8	0.5 2.5	SP					Dense red-brown poorly-graded SAND, moist	-	-	15	70	15	-	-	-	-							
19 18 17 18	S2 18	2.5 4.5							Similar to S2	Medium dense red-brown well-graded SAND with silt, wet	-	-	20	40	30	10	-	-	-	-				
15 11 11 11	S3 16	5.0 7.0									SW-SM	Medium dense red-brown well-graded SAND with silt, wet	-	5	20	40	25	10	-	-	-	-		
6 7 10 9	S4 16	7.0 9.0											-GLACIOFLUVIAL DEPOSITS-	Bottom of exploration at 12.0 ft										
4 7 11 13	S5 20	10.0 12.0																						

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O	Open End Rod		Riser Pipe	Overburden (lin. ft.)	12.0
			Bottom of Casing	Bottom of Hole	Water						
9-26-06	-	-	-	-	~6.0	U	Undisturbed Sample		Filter Sand	Samples	5S
						S	Split Spoon		Cuttings	Boring No.	B29
						G	Geoprobe		Grout		
Field Tests:						Dilatancy: R-Rapid, S-Slow, N-None		Plasticity: N-Nonplastic, L-Low, M-Medium, H-High			
						Toughness: L-Low, M-Medium, H-High		Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High			
'SPT = Sampler blows per 6 in.						'Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											



TEST BORING REPORT

Boring No. B30

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 27, 2006
Finish September 27, 2006

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer







H&A Rep. M. Pardi

Elevation 137.88
Datum NAVD 88

Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Field Test				
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength
0				NO WELL INSTALLED	137.7		-BITUMINOUS CONCRETE (2 in.)-										
	19 23 37 63	S1 18	1.0 3.0		0.2	SP	Very dense to very dense red-brown poorly-graded SAND	-	5	10	40	40	5	-	-	-	-
	53 48 23 21	S2 20	3.0 5.0		SP	Very dense red-brown poorly-graded SAND, dry	-	10	10	50	25	5	-	-	-	-	
5	4 2 2 2	S3 0	5.0 7.0			No recovery											
	2 2 2 1	S4 8	7.0 9.0		SP	Loose red-brown poorly-graded SAND, wet	-	10	30	40	15	5	-	-	-	-	
10	4 4 4 4	S5 8	10.0 12.0		SP	Loose red-brown poorly-graded SAND, wet (decaying root in spoon tip)											
					125.9		-GLACIOFLUVIAL DEPOSITS-										
					12.0		Bottom of exploration at 12.0 ft										

NO WELL INSTALLED

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O	Open End Rod		Riser Pipe	Overburden (lin. ft.)	12.0
			Bottom of Casing	Bottom of Hole	Water						
9-27-06	-	-	-	-	5.0	U	Undisturbed Sample		Filter Sand	Samples	SS
						S	Split Spoon		Cuttings	Boring No.	B30
						G	Geoprobe		Grout		
									Concrete		
									Bentonite Seal		
Field Tests:		Dilatancy: R-Rapid, S-Slow, N-None				Plasticity: N-Nonplastic, L-Low, M-Medium, H-High					
		Toughness: L-Low, M-Medium, H-High				Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
¹ SPT = Sampler blows per 6 in.						² Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											



TEST BORING REPORT

Boring No. B31

Project Proposed Retail Building, Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 26, 2006
Finish September 26, 2006
Driller M. Glynn
H&A Rep. M. Pardi
Elevation 131.65
Datum NAVD 88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel					Sand					Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength				
0					131.4		-BITUMINOUS CONCRETE (3 in.)-														
	11	S1	0.5		0.3	SP	Very dense red-brown poorly-graded SAND with gravel, dry	10	15	10	25	35	5	-	-	-	-				
	29	10	2.5																		
	31																				
	31																				
	36	S2	2.5				Similar to S1														
	47	14	4.5																		
	58																				
	41																				
5						GP-GM	Very dense red-brown poorly-graded GRAVEL with silt and sand, wet	20	30	10	20	10	10	-	-	-	-				
	68	S3	5.0																		
	46	4	7.0																		
	24																				
	17																				
	21	S4	7.0				Similar to S3														
	19	6	9.0																		
	11																				
	12																				
10							Gravel fragments in spoon tip														
	3	S5	10.0																		
	4	2	12.0																		
	5																				
	6																				
	7	S6	12.0			SP	Medium dense red-brown poorly-graded SAND with gravel	5	10	45	15	20	5	-	-	-	-				
	7	20	14.0																		
	10																				
	12																				
					117.7		-GLACIOFLUVIAL OUTWASH-														
					14.0		Bottom of exploration at 14.0 ft														

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod	T Thin Wall Tube	U Undisturbed Sample	S Split Spoon	G Geoprobe	Overburden (lin. ft.) 14.0
			Bottom of Casing	Bottom of Hole	Water						
9-26-06	-	-	-	-	5.0						Samples 6S
											Boring No. B31
Field Tests:		Dilatancy: R-Rapid, S-Slow, N-None				Plasticity: N-Nonplastic, L-Low, M-Medium, H-High					
		Toughness: L-Low, M-Medium, H-High				Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
¹ SPT = Sampler blows per 6 in.						² Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											

TEST BORING REPORT

Boring No. B32







Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No.	33743-000
Sheet No.	1 of 1
Start	September 26, 2006
Finish	September 26, 2006
Driller	M. Glynn

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

H&A Rep. M. Pardi	
Elevation	132.50
Datum	NAVD 88
Location	See Plan

[illegible]

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O	Open End Rod		Riser Pipe	Overburden (lin. ft.)	12.0
			Bottom of Casing	Bottom of Hole	Water						
9-26-06	-	-	-	-	5.0	U	Undisturbed Sample		Filter Sand	Samples	5S
						S	Split Spoon		Cuttings		
						G	Geoprobe		Grout		
									Concrete		
									Bentonite Seal	Boring No.	B32

Field Tests:	Dilatancy: R-Rapid, S-Slow, N-None Toughness: L-Low, M-Medium, H-High	Plasticity: N-Nonplastic, L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High
--------------	--------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------

¹SPT = Sampler blows per 6 in. ²Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.

Note: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.



TEST BORING REPORT

Boring No. B33

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.







File No. 33743-000
Sheet No. 1 of 1
Start September 26, 2006
Finish September 26, 2006
Driller F. Harrington

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

H&A Rep. M. Pardi
Elevation 133.05
Datum NAVD 88
Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel					Sand					Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength				
0																					
7		S1	0.5			SP	Medium dense red-brown poorly-graded SAND, dry	-	-	5	45	45	5	-	-	-	-				
8		20	2.5																		
10		S2	2.5				Similar to S1, except moist														
11		20	4.5																		
12																					
5		S3	5.0			SP	Medium dense red-brown poorly-graded SAND, wet	-	-	15	55	30	-	-	-	-	-				
9		6	7.0																		
12																					
15																					
5		S4	7.0				Similar to S3														
7		23	9.0																		
7																					
7																					
10		S5	10.0			SP	Loose red-brown poorly-graded SAND, wet	-	-	5	40	50	5	-	-	-	-				
4		24	12.0																		
5																					
5																					
9																					
					121.1		-GLACIOFLUVIAL DEPOSITS-														
					12.0		Bottom of exploration at 12.0 ft														

NO WELL INSTALLED

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O	Open End Rod		Riser Pipe	Overburden (lin. ft.)	12.0
			Bottom of Casing	Bottom of Hole	Water						
9-26-06					5.0	U	Undisturbed Sample		Filter Sand	Samples	5S
						S	Split Spoon		Cuttings		
						G	Geoprobe		Grout	Boring No.	B33
									Concrete		
									Bentonite Seal		
Field Tests:						Dilatancy: R-Rapid, S-Slow, N-None		Plasticity: N-Nonplastic, L-Low, M-Medium, H-High			
						Toughness: L-Low, M-Medium, H-High		Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High			
¹ SPT = Sampler blows per 6 in.						² Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil identification based on visual-manual methods of the USCS as practiced by Halev & Aldrich, Inc.											



TEST BORING REPORT

Boring No. B34

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 26, 2006
Finish September 26, 2006

Driller F. Harrington
H&A Rep. M. Pardi

Elevation 134.74
Datum NAVD 88

Location See Plan

		Casing	Sampler	Barrel	Drilling Equipment and Procedures		Finish	September 26, 2006										
							Driller	F. Harrington										
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53		H&A Rep.		M. Pardi										
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head		Elevation	134.74											
Hammer Weight (lb.)	-	140	-	Drill Mud: None		Datum	NAVD 88											
Hammer Fall (in.)	-	30	-	Casing: Spun		Location	See Plan											
				Hoist/Hammer: Winch / Safety Hammer														
Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel		Sand		Field Test					
									% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength
0				NO WELL INSTALLED	134.4		-BITUMINOUS CONCRETE (3 in.)-											
	5 9 11 12	S1 16	0.5 2.5		0.3	SP	Medium dense red-brown poorly-graded SAND, dry	-	-	-	25	75	-	-	-	-	-	-
	5 9 7 9	S2 16	2.5 4.5		SP	Medium dense red-brown poorly-graded SAND, dry	-	10	-	25	65	-	-	-	-	-	-	
5	2 4 4 4	S3 18	5.0 7.0		SP	Loose red-brown poorly-graded SAND, wet	-	10	30	40	20	-	-	-	-	-	-	
	5 6 6 6	S4 12	7.0 9.0		SM	Medium dense red-brown silty SAND, wet	-	-	-	-	80	20	-	-	-	-	-	
10	2 3 3 4	S5 20	10.0 12.0				Similar to S4, except loose											
						122.7		-GLACIOFLUVIAL DEPOSITS-										
						12.0		Bottom of exploration at 12.0 ft.										

Water Level Data						Sample Identification	Well Diagram	Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon G Geoprobe	 	Riser Pipe Screen Filler Sand Cuttings Grout Concrete Bentonite Seal	Overburden (lin. ft.) 12.0 Rock Cored (lin. ft.) - Samples 5S Boring No. B34
			Bottom of Casing	Bottom of Hole	Water				
9-26-06	-	-	-	-	4.0				
Field Tests:			Dilatancy: R-Rapid, S-Slow, N-None Toughness: L-Low, M-Medium, H-High			Plasticity: N-Nonplastic, L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High			
¹ SPT = Sampler blows per 6 in.			² Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.						
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.									

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TEST BORING REPORT

Boring No. B36-OW

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 27, 2006
Finish September 27, 2006
Driller F. Harrington
H&A Rep. M. Pardi
Elevation 133.20
Datum NAVD 88
Location See Plan

		Casing	Sampler	Barrel	Drilling Equipment and Procedures		Finish Driller F. Harrington											
Type		HSA	SS	-	Rig Make & Model: Truck mounted B53		H&A Rep. M. Pardi											
Inside Diameter (in.)	4	1 3/8	-	-	Bit Type: Cutting Head		Elevation	133.20										
Hammer Weight (lb.)	-	140	-	-	Drill Mud: None		Datum	NAVD 88										
Hammer Fall (in.)	-	30	-	-	Casing: Spun		Location	See Plan										
				Hoist/Hammer: Winch / Safety Hammer														
Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel	Sand		Field Test						
									% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength
0					121.2 12.0	SP	Dense red-brown poorly-graded SAND, moist	-	5	10	50	35	-	-	-	-	-	
13 16 25 23	S1 18	0.5 2.5																
10 17 19 21	S2 16	2.5 4.5	Similar to S1, except with gravel				-	15	10	45	30	-	-	-	-	-		
5																		
2 4 3 4	S3 5	5.0 7.0	SP				Loose red-brown poorly-graded SAND, wet	-	-	-	80	20	-	-	-	-	-	
2 2 4 5	S4 14	7.0 9.0	SP				Loose red-brown poorly-graded SAND, wet	-	-	80	20	-	-	-	-	-	-	
10																		
5 6 9 10	S5 18	10.0 12.0	Similar to S4, except medium dense															
-GLACIOFLUVIAL DEPOSITS-																		
Bottom of exploration at 12.0 ft																		

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod	T Thin Wall Tube	U Undisturbed Sample	S Split Spoon	G Geoprobe	Overburden (lin. ft.) 12.0
			Bottom of Casing	Bottom of Hole	Water						
9-27-06	-	-	-	-	5.0						Samples 5S
9-29-06	-	-	-	-	6.4						Boring No. B36-OW
Field Tests:						Dilatancy: R-Rapid, S-Slow, N-None		Plasticity: N-Nonplastic, L-Low, M-Medium, H-High		Toughness: L-Low, M-Medium, H-High	
						Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
1 SPT = Sampler blows per 6 in.						2 Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil Identification based on visual-manual methods of the USCS as practiced by Halev & Aldrich, Inc.											



TEST BORING REPORT


Boring No. B37

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 27, 2006
Finish September 27, 2006
Driller M. Glynn
H&A Rep. M. Pardi
Elevation 133.41
Datum NAVD 88
Location See Plan

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse % Fine	Sand % Coarse % Medium % Fine	% Fines	Field Test Dilatancy Toughness Plasticity Strength
0					133.1		-BITUMINOUS CONCRETE (3 in.)-				
6	19	S1	0.5		0.3	SP	Medium dense red-brown poorly-graded SAND, moist	-	5	70	25
17	17	S2	2.5				Similar to S1				
17	19		4.5								
10	14	S3	5.0				Similar to S2, except, M.C. = 19.9%	-	10	65	20
14	16		7.0								
14	16	S4	7.0				Similar to S3	-	5	30	60
16	20		9.0								
10	3	S5	10.0				Similar to S4				
7	7		12.0								
7											
9											
				NO WELL INSTALLED	121.4		-GLACIOFLUVIAL DEPOSITS-				
					12.0		Bottom of exploration at 12.0 ft				

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon G Geoprobe		Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (lin. ft.) 12.0		
			Bottom of Casing	Bottom of Hole	Water				Rock Cored (lin. ft.) -		
9-27-06	-	-	-	-	5.0				Samples 5S		
									Boring No. B37		
Field Tests:			Dilatancy: R-Rapid, S-Slow, N-None Toughness: L-Low, M-Medium, H-High				Plasticity: N-Nonplastic, L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High				
1 SPT = Sampler blows per 6 in.			2 Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.								
Note: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											



TEST BORING REPORT

Boring No. B39

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 28, 2006
Finish September 28, 2006

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

H&A Rep. M. Pardi








Elevation 134.06

Datum NAVD 88

Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse % Fine	Sand % Coarse % Medium % Fine	% Fines	Field Test Dilatancy Toughness Plasticity Strength
0											
17 20 21 16		S1 18	0.5 2.5			SP	Dense red-brown poorly-graded SAND, moist	-	-	10 60 25 5	- - - -
9 9 10 10		S2 18	2.5 4.5			SM	Medium dense red-brown silty SAND, moist	-	-	20 60 20	- - - -
5					129.1						
2 1 2 1		S3 20	5.0 7.0		5.0	ML	Soft red-brown sandy SILT, slight organic odor, wet	-	-	- 30 70	- - - -
3 3 4 5		S4 20	7.0 9.0				Similar to S3, except medium stiff				
10											
2 2 3 4		S5 20	10.0 12.0				Similar to S4				
					122.1						
					12.0		-GLACIOFLUVIAL DEPOSITS- Bottom of exploration at 12.0 ft				

NO WELL INSTALLED

Water Level Data						Sample Identification		Well Diagram		Summary			
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod	T Thin Wall Tube	U Undisturbed Sample	S Split Spoon	G Geoprobe	 Riser Pipe  Screen  Filter Sand  Cuttings  Grout  Concrete  Bentonite Seal	Overburden (lin. ft.)	12.0
			Bottom of Casing	Bottom of Hole	Water							Rock Cored (lin. ft.)	-
9-28-06	-	-	-	-	5.0							Samples	5S
												Boring No.	B39
Field Tests:		Dilatancy: R-Rapid, S-Slow, N-None				Plasticity: N-Nonplastic, L-Low, M-Medium, H-High							
		Toughness: L-Low, M-Medium, H-High				Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High							
¹ SPT = Sampler blows per 6 in.						² Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.							
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.													

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TEST BORING REPORT

Boring No. B41

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 27, 2006
Finish September 27, 2006
Driller M. Glynn
H&A Rep. M. Pardi
Elevation 137.31
Datum NAVD 88
Location See Plan

		Casing	Sampler	Barrel	Drilling Equipment and Procedures		Finish	September 27, 2000										
Type		HSA	SS	-	Rig Make & Model: Truck mounted B53		Driller	M. Glynn										
Inside Diameter (in.)		4	1 3/8	-	Bit Type: Cutting Head		H&A Rep.	M. Pardi										
Hammer Weight (lb.)		-	140	-	Drill Mud: None		Elevation	137.31										
Hammer Fall (in.)		-	30	-	Casing: Spun		Datum	NAVD 88										
					Hoist/Hammer: Winch / Safety Hammer		Location	See Plan										
Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel		Sand		Field Test					
									% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength
0				NO WELL INSTALLED	137.0		-BITUMINOUS CONCRETE (4 in.)-											
	10	S1	0.5		0.3		Dense red-brown and gray poorly-graded SAND with gravel, no odor, moist	10	20	-	25	40	5	-	-	-	-	
	28	18	2.5															
	37				135.3		-FILL-											
	19				2.0													
	20	S2	2.5				SP	Dense red-brown poorly-graded SAND, no odor, moist	-	5	20	40	30	5	-	-	-	-
	21	14	4.5															
	20																	
	22																	
5																		
	9	S3	5.0				SP	Dense red-brown poorly-graded SAND, moist	-	-	5	80	15	-	-	-	-	-
	15	18	7.0															
	16																	
	16																	
	19	S4	7.0				Similar to S3, except very dense, wet											
	27	18	9.0															
	26																	
	30																	
10																		
	3	S5	10.0			SW	Medium dense red-brown well-graded SAND	-	5	30	40	20	5	-	-	-	-	
	5	16	12.0															
	10																	
	11																	
					125.3		-GLACIOFLUVIAL DEPOSITS-											
					12.0		Bottom of exploration at 12.0 ft											

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod	T Thin Wall Tube	U Undisturbed Sample	S Split Spoon	G Geoprobe	Overburden (lin. ft.) 12.0
			Bottom of Casing	Bottom of Hole	Water						
9-27-06	-	-	-	-	5.0						Samples 5S
											Boring No. B41
Field Tests:			Dilatancy: R-Rapid, S-Slow, N-None			Plasticity: N-Nonplastic, L-Low, M-Medium, H-High					
			Toughness: L-Low, M-Medium, H-High			Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
¹ SPT = Sampler blows per 6 in.						² Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											

Boring No. B42

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No.	33743-000
Sheet No.	1 of 1
Start	September 27, 2006
Finish	September 27, 2006
Driller	F. Harrington

H&A Rep. M. Pardi

Elevation	135.54
Datum	NAVD 88

Location	See Plan
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				Casing	Sampler	Barrel	Drilling Equipment and Procedures		Finish Driller F. Harrington H&A Rep. M. Pardi														
Type				HSA	SS	-	Rig Make & Model: Truck mounted B53		Elevation 135.54														
Inside Diameter (in.)				4	1 3/8	-	Bit Type: Cutting Head		Datum NAVD 88														
Hammer Weight (lb.)				-	140	-	Drill Mud: None		Location See Plan														
Hammer Fall (in.)				-	30	-	Casing: Spun																
							Hoist/Hammer: Winch / Safety Hammer																
Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel	Sand	Field Test												
									% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength					
0				NO WELL INSTALLED	130.0 5.5	GP	Dense red-brown poorly-graded SAND with silt and gravel, moist Similar to S1, except less gravel		-	20	10	30	30	10	-	-	-	-					
13		S1	0.5																				
12		18	2.5																				
19																							
20																							
19		S2	2.5																				
21		16	4.5																				
24																							
26																							
5												Medium dense gray poorly-graded GRAVEL with sand, odor, wet -FILL-		20	10	20	30	10	10	-	-	-	-
7		S3	5.0																				
14		16	7.0																				
15																							
19																							
9		S4	7.0			SM	Very stiff red-brown sandy SILT, wet Similar to S4, except medium stiff		-	-	-	-	30	70	-	-	-	-					
12		16	9.0																				
13																							
15																							
10																							
3		S5	10.0				-GLACIOFLUVIAL DEPOSITS- Bottom of Exploration at 12.0 ft																
4		16	12.0																				
4																							
5																							
					123.5																		
					12.0																		

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth (ft.) to:		
			Bottom of Casing	Bottom of Hole	Water
9-27-06	-	-	-	-	5.0

Sample Identification

O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon
G	Geoprobe

Well Diagram

	Riser Pipe
	Screen
	Filter Sand
	Cuttings
	Grout
	Concrete
	Bentonite Seal

Summary

Overburden (lin. ft.)	12.0
Rock Cored (lin. ft.)	-
Samples	5S
Boring No.	B42

Field Tests:

Dilatancy:	R-Rapid, S-Slow, N-None	Plasticity:	N-Nonplastic, L-Low, M-Medium, H-High
Toughness:	L-Low, M-Medium, H-High	Dry Strength:	N-None, L-Low, M-Medium, H-High, V-Very High

SPT = Sampler blows per 6 in.

Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Halev & Aldrich, Inc.









TEST BORING REPORT

Boring No. B43-OW

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 27, 2006
Finish September 27, 2006
Driller M. Glynn
H&A Rep. M. Pardi
Elevation 132.58
Datum NAVD 88
Location See Plan

		Casing	Sampler	Barrel	Drilling Equipment and Procedures		Finish	September 27, 2000										
Type		HSA	SS	-	Rig Make & Model: Truck mounted B53		Driller	M. Glynn										
Inside Diameter (in.)		4	1 3/8	-	Bit Type: Cutting Head		H&A Rep.	M. Pardi										
Hammer Weight (lb.)		-	140	-	Drill Mud: None		Elevation	132.58										
Hammer Fall (in.)		-	30	-	Casing: Spun		Datum	NAVD 88										
					Hoist/Hammer: Winch / Safety Hammer		Location	See Plan										
Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand		Field Test						
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength	
0					127.6 5.0	SP	Dense red-brown poorly-graded SAND, dry	-	10	10	50	30	-	-	-	-	-	
10	16	S1 14	0.5 2.5				Similar to S1, except moist											
14	15	S2 5	2.5 4.5															
5							-FILL-											
8	9	S3 7	5.0 7.0				SP-SM	Medium dense red-brown poorly-graded SAND with silt, no odor, wet	10	-	10	40	30	10	-	-	-	-
7	7																	
6	8	S4 16	7.0 9.0				SP	Medium dense red-brown poorly-graded SAND, wet	-	-	5	60	30	5	-	-	-	-
7	9																	
10																		
5	6	S5 18	10.0 12.0							Similar to S4								
6	7				120.6		-GLACIOFLUVIAL DEPOSITS-											
7	7				12.0		Bottom of Exploration at 12.0 ft											

Water Level Data						Sample Identification		Well Diagram		Summary		
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O	Open End Rod		Riser Pipe	Overburden (lin. ft.)	12.0	
			Bottom of Casing	Bottom of Hole	Water							T
9-27-06	-	-	-	-	4.0	U	Undisturbed Sample		Filter Sand	Samples	SS	
9-29-06	1500	-	-	-	3.3	S	Split Spoon					Cuttings
						G	Geoprobe					
									Concrete	Boring No. B43-OW		
									Bentonite Seal			
Field Tests:			Dilatancy: R-Rapid, S-Slow, N-None				Plasticity: N-Nonplastic, L-Low, M-Medium, H-High					
			Toughness: L-Low, M-Medium, H-High				Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
¹ SPT = Sampler blows per 6 in.			² Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.									
Note: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.												

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TEST BORING REPORT

Boring No. B44

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No.	33743-000
Sheet No.	1 of 1
Start	September 27, 2006
Finish	September 27, 2006
Driller	F. Harrington

H&A Rep. M. Pardi







Elevation	130.88
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Datum NAVD 88

Location	See Plan
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	Casing	Sampler	Barrel	Drilling Equipment and Procedures	Finish September 27, 2000
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53	Driller F. Harrington
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head	H&A Rep. M. Pardi
Hammer Weight (lb.)	-	140	-	Drill Mud: None	Elevation 130.88
Hammer Fall (in.)	-	30	-	Casing: Spun	Datum NAVD 88
				Hoist/Hammer: Winch / Safety Hammer	Location See Plan

[illegible]

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O	Open End Rod		Riser Pipe	Overburden (lin. ft.)	12.0
			Bottom of Casing	Bottom of Hole	Water						
9-27-06	-	-	-	-	~3.0	U	Undisturbed Sample		Filler Sand	Samples	5S
						S	Split Spoon		Cuttings		
						G	Geoprobe		Grout		
									Concrete	Boring No.	B44
									Bentonite Seal		
Field Tests:						Dilatancy: R-Rapid, S-Slow, N-None Toughness: L-Low, M-Medium, H-High					
						Plasticity: N-Nonplastic, L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
¹SPT = Sampler blows per 6 in.						²Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											



TEST BORING REPORT

Boring No. B45

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 27, 2006
Finish September 27, 2006
Driller M. Glynn

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

H&A Rep. M. Pardi

Elevation 131.45
Datum NAVD 88

Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel					Sand					Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength				
0																					
8		S1	0.5			SP-SM	Medium dense brown poorly-graded SAND with silt, moist	-	-	5	35	50	10	-	-	-	-				
10		12	2.5																		
9																					
7																					
5		S2	2.5			SM	Very loose brown silty SAND, organic odor, moist	-	-	-	35	50	15	-	-	-	-				
3		16	4.5																		
2																					
2																					
5		S3	5.0		126.5	ML	Soft dark gray-brown sandy SILT with organics, wet														
2		12	7.0		5.0																
2																					
2																					
5		S4	7.0		124.5	SM	Very dense red to red-brown silty SAND with gravel	10	10	15	25	25	15	-	-	-	-				
28		18	9.0		7.0																
41																					
45																					
51																					
10		S5	10.0				Similar to S4														
6		18	12.0																		
10																					
10																					
14																					
					119.5		-GLACIOFLUVIAL DEPOSITS-														
					12.0		Bottom of Exploration at 12.0 ft														

NO WELL INSTALLED

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O	T	U	S	G	Overburden (lin. ft.)
			Bottom of Casing	Bottom of Hole	Water						
9-27-06	-	-	-	-	5.0						12.0
											Rock Cored (lin. ft.) -
											Samples 5S
											Boring No. B45
Field Tests:						Dilatancy: R-Rapid, S-Slow, N-None					
						Toughness: L-Low, M-Medium, H-High					
						Plasticity: N-Nonplastic, L-Low, M-Medium, H-High					
						Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
						Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.					









TEST BORING REPORT

Boring No. B47

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 27, 2006
Finish September 27, 2006
Driller F. Harrington
H&A Rep. M. Pardi
Elevation 131.48
Datum NAVD 88
Location See Plan

		Casing	Sampler	Barrel	Drilling Equipment and Procedures		Finish Driller F. Harrington												
Type		HSA	SS	-	Rig Make & Model: Truck mounted B53		H&A Rep. M. Pardi												
Inside Diameter (in.)		4	1 3/8	-	Bit Type: Cutting Head		Elevation 131.48												
Hammer Weight (lb.)		-	140	-	Drill Mud: None		Datum NAVD 88												
Hammer Fall (in.)		-	30	-	Casing: Spun		Location See Plan												
Hammer Fall (in.)		-	30	-	Hoist/Hammer: Winch / Safety Hammer														
Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)		Gravel		Sand		Field Test						
									% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength	
0				NO WELL INSTALLED	122.5 9.0	SP-SM	Medium dense red-brown poorly-graded SAND with silt, moist		-	-	10	30	50	10	-	-	-	-	
	5 10 13 16	S1 15	0.5 2.5				Similar to S1, except very dense												
	18 21 33 37	S2 14	2.5 4.5																
5						SP-SM	Medium dense red-brown poorly-graded SAND with silt, moist		-	5	50	30	50	10	-	-	-	-	
	5 7 8 13	S3 13	5.0 7.0				Similar to S3												
	4 6 9 10	S4 12	7.0 9.0																
						-FILL-													
10						SP-SM	Medium dense red-brown poorly-graded SAND with silt, wet		-	-	20	50	20	10	-	-	-	-	
	8 11 12 11	S5 3	10.0 12.0				-GLACIOFLUVIAL DEPOSITS-												
					119.5 12.0	Bottom of Exploration at 12.0 ft													

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod		Riser Pipe	Overburden (lin. ft.)	12.0	
			Bottom of Casing	Bottom of Hole	Water						T Thin Wall Tube
9-27-06					6.0	U Undisturbed Sample		Filter Sand	Samples	5S	
						S Split Spoon					Cuttings
						G Geoprobe					Grout
											Concrete
											Bentonite Seal
Field Tests:		Dilatancy: R-Rapid, S-Slow, N-None				Plasticity: N-Nonplastic, L-Low, M-Medium, H-High					
		Toughness: L-Low, M-Medium, H-High				Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High					
¹ SPT = Sampler blows per 6 in.						² Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											



TEST BORING REPORT

Boring No. B49

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 27, 2006
Finish September 27, 2006
Driller F. Harrington







	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

H&A Rep. M. Pardi

Elevation 130.59
Datum NAVD 88

Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel					Sand					Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength				
0				NO WELL INSTALLED	130.4		BITUMINOUS CONCRETE (3 in.)														
	12	S1	0.5		0.2	SP	Dense red-brown poorly-graded SAND, moist	-	-	10	35	50	5	-	-	-	-				
	15	20	2.5																		
	21																				
	19																				
	20	S2	2.5				Similar to S1														
	22	20	4.5																		
	19																				
	25																				
5	8	S3	5.0				Similar to S2, except loose, moist														
	8	15	7.0																		
	9																				
	12																				
	1	S4	7.0			SP-SM	Very loose red-brown poorly-graded SAND with silt, wet	-	-	10	30	50	10	-	-	-	-				
	1	10	9.0																		
	1																				
	1																				
10	2	S5	10.0			SP-SM	Loose red-brown poorly-graded SAND with silt and gravel	5	10	25	30	20	10	-	-	-	-				
	2	6	12.0																		
	8																				
	16																				
					118.6		-GLACIOFLUVIAL DEPOSITS-														
					12.0		Bottom of Exploration at 12.0 ft														

Water Level Data						Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O	Open End Rod		Riser Pipe	Overburden (lin. ft.)	12.0
			Bottom of Casing	Bottom of Hole	Water						
9-27-06	-	-	-	-	5.0	U	Undisturbed Sample		Filter Sand	Samples	5S
						S	Split Spoon		Cuttings		
						G	Geoprobe		Grout	Boring No.	B49
									Concrete		
									Bentonite Seal		
Field Tests:						Dilatancy: R-Rapid, S-Slow, N-None		Plasticity: N-Nonplastic, L-Low, M-Medium, H-High			
						Toughness: L-Low, M-Medium, H-High		Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High			
¹SPT = Sampler blows per 6 in.						²Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil Identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.											

Nov 14, 06

USCSUB4, CLB USCS_TB5.GDT G:\3743000\DATA\B49\B49.TB.GPJ

USCS_TB4

JSCS_TB4 USCSLIB4.GLB USCS_TB5.GDT G:\33743\000\DATABASES\33743000TB.GPJ Nov 14, 08



TEST BORING REPORT

Boring No. B52-OW

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.


File No. 33743-000
Sheet No. 1 of 1
Start September 27, 2006
Finish September 27, 2006
Driller F. Harrington

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	HSA	SS	-	Rig Make & Model: Truck mounted B53
Inside Diameter (in.)	4	1 3/8	-	Bit Type: Cutting Head
Hammer Weight (lb.)	-	140	-	Drill Mud: None
Hammer Fall (in.)	-	30	-	Casing: Spun
				Hoist/Hammer: Winch / Safety Hammer

H&A Rep. M. Pardi

Elevation 128.73
Datum NAVD 88

Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel		Sand			Field Test					
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength	
0																		
6 7 10 18		S1 4	0.5 2.5		SP	Dense red-brown poorly-graded SAND with gravel	5	10	20	40	25	-	-	-	-	-	-	-
22 26 19 23		S2 6	2.5 4.5		SP	Similar to S1												
5																		
13 14 15 13		S3 18	5.0 7.0		SP	Similar to S2, except less coarse gravel, moist												
12 7 8 8		S4 20	7.0 9.0		SP	Medium dense red-brown poorly-graded SAND, moist	-	-	15	40	40	5	-	-	-	-	-	-
10																		
6 6 7 8		S5 6	10.0 12.0		SP	Similar to S4, except with odor, wet												
						116.7 12.0		-GLACIOFLUVIAL DEPOSITS- Bottom of Exploration at 12.0 ft										

Water Level Data						Sample Identification	Well Diagram	Summary
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon G Geoprobe	 Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (lin. ft.) 12.0 Rock Cored (lin. ft.) - Samples 5S
			Bottom of Casing	Bottom of Hole	Water			
9-27-06	-	-	-	-	6.17			
10-20-06	-	-	-	-	6.40			
Field Tests:			Dilatancy: R-Rapid, S-Slow, N-None Toughness: L-Low, M-Medium, H-High			Plasticity: N-Nonplastic, L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High		
¹ SPT = Sampler blows per 6 in.			² Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.					
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.								



TEST BORING REPORT

Boring No. B53-OW

Project Proposed Retail Building Manchester, Connecticut
Client [REDACTED]
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 28, 2006
Finish September 28, 2006
Driller F. Harrington
H&A Rep. M. Pardi
Elevation 123.91
Datum NAVD 88
Location See Plan (relocated in field)

		Casing	Sampler	Barrel	Drilling Equipment and Procedures	
Type		HSA	SS	-	Rig Make & Model: Truck mounted B53	
Inside Diameter (in.)		4	1 3/8	-	Bit Type: Cutting Head	
Hammer Weight (lb.)		-	140	-	Drill Mud: None	
Hammer Fall (in.)		-	30	-	Casing: Spun	
					Hoist/Hammer: Winch / Safety Hammer	

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel					Sand					Field Test			
								% Coarse	% Fine	% Coarse	% Fine	% Fines	% Coarse	% Fine	% Coarse	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength
0																					
7		S1	0.5			SP-SM	Loose red-brown poorly-graded SAND with silt, moist	-	-	20	70	10	-	-	-	-	-	-	-	-	-
7		18	2.5																		
6																					
15																					
40		S2	2.5			SP	Dense red-brown poorly-graded SAND with gravel and asphalt particles, moist	-	20	15	20	45	-	-	-	-	-	-	-	-	-
33		15	4.5																		
25																					
29																					
5																					
9		S3	5.0			SP	Medium dense red-brown poorly-graded SAND with gravel, moist	-	-	-	25	70	5	-	-	-	-	-	-	-	-
10		18	7.0																		
13																					
16																					
6		S4	7.0			SM	Loose dark brown silty SAND with organics, strong petroleum odor, dry	-	10	20	20	30	20	-	-	-	-	-	-	-	-
7		18	9.0																		
11																					
10																					
10					113.9		-FILL-														
21		S5	10.0		10.0	ML	Dense red-brown sandy SILT, slight organic odor, moist	-	-	-	25	75	-	-	-	-	-	-	-	-	-
23		20	12.0																		
26																					
30																					
15																					
2		S6	15.0			SP	Loose red-brown and orange poorly-graded SAND, mothball odor, wet	-	-	-	50	50	-	-	-	-	-	-	-	-	-
2		24	17.0																		
2																					
6																					
					106.9		-GLACIOFLUVIAL DEPOSITS-														
					17.0		Bottom of Exploration at 17.0 ft														

Water Level Data						Sample Identification		Well Diagram		Summary																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:			O Open End Rod	T Thin Wall Tube	U Undisturbed Sample	S Split Spoon	G Geoprobe																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

TEST BORING REPORT

Boring No. B54

Project Proposed Retail Building Manchester, Connecticut
Client XXXXXXXXXX
Contractor Seaboard Drilling, Inc.

File No. 33743-000
Sheet No. 1 of 1
Start September 12, 2006
Finish September 12, 2006








	Casing	Sampler	Barrel	Drilling Equipment and Procedures
Type	-	-	-	Rig Make & Model: Hand Auger
Inside Diameter (in.)	-	-	-	Bit Type: -
Hammer Weight (lb.)	-	-	-	Drill Mud: -
Hammer Fall (in.)	-	-	-	Casing: -
				Hoist/Hammer: / -

H&A Rep. M. Pardi

Elevation
Datum NAVD 88

Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse % Fine	Sand % Coarse % Medium % Fine % Fines	Field Test Dilatancy Toughness Plasticity Strength
0							CONCRETE (6 in.)			
			0.5 2.0		0.5		Red-brown poorly-graded SAND with gravel Increased gravel with depth			
					2.0		-FILL- Bottom of exploration at 2.0 ft			
NO WELL INSTALLED										

Water Level Data				Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:	O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon G Geoprobe		 Riser Pipe  Screen  Filter Sand  Cuttings  Grout  Concrete  Bentonite Seal		Overburden (lin. ft.) 2.0 Rock Cored (lin. ft.) - Samples 2S	Boring No. B54
			Bottom of Casing Bottom of Hole Water						
		Not Encountered							
Field Tests: Dilatancy: R-Rapid, S-Slow, N-None Toughness: L-Low, M-Medium, H-High Plasticity: N-Nonplastic, L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High									
¹ SPT = Sampler blows per 6 in. ² Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.									
Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.									

TEST BORING REPORT

Boring No. B55

Project Proposed Retail Building Manchester, Connecticut
 Client XXXXXXXXXX
 Contractor Seaboard Drilling, Inc.

File No. 33743-000
 Sheet No. 1 of 1
 Start September 12, 2006
 Finish September 12, 2006

	Casing	Sampler	Barrel	Drilling Equipment and Procedures
--	--------	---------	--------	-----------------------------------

Type	-	-	-	Rig Make & Model: Hand Auger
Inside Diameter (in.)	-	-	-	Bit Type: -
Hammer Weight (lb.)	-	-	-	Drill Mud: -
Hammer Fall (in.)	-	-	-	Casing: -
				Hoist/Hammer: / -

Driller F. Harrington

H&A Rep. M. Pardi

Elevation
 Datum NAVD 88

Location See Plan

Depth (ft.)	SPT ¹	Sample No. & Rec. (in.)	Sample Depth (ft.)	Well Diagram	Elev./Depth (ft.)	USCS Symbol	Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size ² , structure, odor, moisture; optional descriptions, geologic interpretation)	Gravel					Sand					Field Test			
								% Coarse	% Fine	% Coarse	% Medium	% Fine	% Fines	Dilatancy	Toughness	Plasticity	Strength				
0							CONCRETE (5 in.)														
			0.7 2.6		0.4		Red-brown poorly-graded SAND with gravel Increased gravel with depth														
					2.6		-FILL- Bottom of exploration at 2.6 ft														

NO WELL INSTALLED

Water Level Data				Sample Identification		Well Diagram		Summary	
Date	Time	Elapsed Time (hr.)	Depth (ft.) to:	O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon G Geoprobe		Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal		Overburden (lin. ft.) 2.6 Rock Cored (lin. ft.) - Samples 2S	Boring No. B55
			Bottom of Casing Bottom of Hole Water						
		Not Encountered							

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
 Toughness: L-Low, M-Medium, H-High Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

¹ SPT = Sampler blows per 6 in. ² Maximum particle size (in.) is determined by direct observation within the limitations of sampler size.

Note: Soil identification based on visual-manual methods of the USCS as practiced by Haley & Aldrich, Inc.

OBSERVATION WELL INSTALLATION REPORT

Well No.
B36-OW

Boring No.
B36-OW

PROJECT	Proposed Retail Building	H&A FILE NO.	33743-000
LOCATION	Manchester, Connecticut	PROJECT MGR.	T. Nolan
CLIENT		FIELD REP.	M. Pardi
CONTRACTOR	Seaboard Drilling, Inc.	DATE INSTALLED	9/27/2006
DRILLER	F. Harrington	WATER LEVEL	5 ft

Ground El.	133.2	ft	Location	See Plan	<input type="checkbox"/> Guard Pipe
El. Datum					<input checked="" type="checkbox"/> Roadway Box

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL	Diagram	Measurements
GLACIAL/FLUVIAL DEPOSITS	PIPE & CONCRETE		Type of protective cover/lock
	1		Expansion Plug
	PIPE & SEAL		Height of top of roadway box above ground surface
	2		Depth of top of riser pipe below ground surface
	PIPE & SAND		Type of protective casing:
	4.5		Length
			Inside Diameter
			Depth of bottom of roadway box
			Type of Seals
			Top of Seal (ft)
	Thickness (ft)		
	SCREEN & SAND		Type of riser pipe:
			Inside diameter of riser pipe
			Type of backfill around riser
			Diameter of borehole
			Depth to top of well screen
			Type of screen
			Screen gauge or size of openings
			Diameter of screen
			Type of backfill around screen
			Depth of bottom of well screen
	14.5		Bottom of Silt trap
	SILT TRAP		Depth of bottom of borehole
12	15		
(Bottom of Exploration) (Numbers refer to depth from ground surface in feet)		(Not to Scale)	

4.2	ft	+	10.0	ft	+	0.5	ft	=	14.7	ft
Riser Pay Length (L1)			Length of screen (L2)			Length of silt trap (L3)			Pay length	

COMMENTS:

OBSERVATION WELL INSTALLATION REPORT

Well No.
B43-OW

Boring No.
B43-OW

PROJECT	Proposed Retail Building	H&A FILE NO.	33743-000
LOCATION	Manchester, Connecticut	PROJECT MGR.	T. Nolan
CLIENT		FIELD REP.	M. Pardi
CONTRACTOR	Seaboard Drilling, Inc.	DATE INSTALLED	9/27/2006
DRILLER	F. Harrington	WATER LEVEL	4 ft

Ground El.	132.58	ft	Location	See Plan	<input type="checkbox"/> Guard Pipe
El. Datum					<input checked="" type="checkbox"/> Roadway Box

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL	Type of protective cover/lock	Expansion Plug		
FILL	PIPE & CONCRETE	Height of top of roadway box above ground surface	0.0 ft		
	0.5	Depth of top of riser pipe below ground surface	0.5 ft		
	PIPE & SEAL	Type of protective casing:	Steel Roadway Box		
	1	Length	0.9 ft		
GLACIOFLUVIAL DEPOSITS	PIPE & SAND	Inside Diameter	7.0 in		
	1.5	Depth of bottom of roadway box	0.9 ft		
		Type of Seals	Concrete	0.0	0.5
			Bentonite Seal	0.5	0.5
		SCREEN & SAND	Type of riser pipe:	Schedule 40 PVC	
			Inside diameter of riser pipe	2.0 in	
			Type of backfill around riser	Filter Sand	
			Diameter of borehole	8.0 in	
		Depth to top of well screen	1.5 ft		
		Type of screen	Schedule 40 PVC		
		Screen gauge or size of openings	0.010 in		
		Diameter of screen	2.0 in		
	Type of backfill around screen	Filter Sand			
	Depth of bottom of well screen	11.5 ft			
	11.5	Bottom of Silt trap	12.0 ft		
	12	Depth of bottom of borehole	12.0 ft		

1.0 ft	+	10.0 ft	+	0.5 ft	=	11.5 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS:

OBSERVATION WELL INSTALLATION REPORT

Well No.
B52-OW
Boring No.
B52-OW

PROJECT	Proposed Retail Building	H&A FILE NO.	33743-000
LOCATION	Manchester, Connecticut	PROJECT MGR.	T. Nolan
CLIENT	██████████	FIELD REP.	M. Pardi
CONTRACTOR	Seaboard Drilling, Inc.	DATE INSTALLED	10/20/2006
DRILLER	F. Harrington	WATER LEVEL	5.9 ft

Ground El.	128.73	ft	Location	See Plan	<input type="checkbox"/> Guard Pipe
El. Datum					<input checked="" type="checkbox"/> Roadway Box

SOIL/ROCK CONDITIONS	BOREHOLE BACKFILL	Diagram & Details															
GLACIOFLUVIAL DEPOSITS	PIPE & CONCRETE	<div style="display: flex; justify-content: space-between;"> <div> Type of protective cover/lock Heigh of top of roadway box above ground surface 0.0 ft </div> <div> Expansion Plug 0.0 ft </div> </div>															
	0.5																
	PIPE & SEAL	<div style="display: flex; justify-content: space-between;"> <div> Depth of top of riser pipe below ground surface 0.5 ft </div> <div></div> </div>															
	1																
	PIPE & SAND	<div style="display: flex; justify-content: space-between;"> <div> Type of protective casing: Length Inside Diameter 0.9 ft 7.0 in </div> <div> Steel Roadway Box 0.9 ft 7.0 in </div> </div>															
	3																
		<div style="display: flex; justify-content: space-between;"> <div> Depth of bottom of roadway box 0.9 ft </div> <div></div> </div>															
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Type of Seals</th> <th>Top of Seal (ft)</th> <th>Thickness (ft)</th> </tr> </thead> <tbody> <tr> <td>Concrete</td> <td>0.0</td> <td>0.5</td> </tr> <tr> <td>Bentonite Seal</td> <td>0.5</td> <td>0.5</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Type of Seals	Top of Seal (ft)	Thickness (ft)	Concrete	0.0	0.5	Bentonite Seal	0.5	0.5						
	Type of Seals	Top of Seal (ft)	Thickness (ft)														
	Concrete	0.0	0.5														
Bentonite Seal	0.5	0.5															
	<div style="display: flex; justify-content: space-between;"> <div> Type of riser pipe: Inside diameter of riser pipe Type of backfill around riser Schedule 40 PVC 2.0 in Filter Sand </div> <div></div> </div>																
	<div style="display: flex; justify-content: space-between;"> <div> Diameter of borehole 8.0 in </div> <div></div> </div>																
	<div style="display: flex; justify-content: space-between;"> <div> Depth to top of well screen 3.0 ft </div> <div></div> </div>																
	<div style="display: flex; justify-content: space-between;"> <div> Type of screen Screen gauge or size of openings Diameter of screen Schedule 40 PVC 0.010 in 2.0 in </div> <div></div> </div>																
	<div style="display: flex; justify-content: space-between;"> <div> Type of backfill around screen Filter Sand </div> <div></div> </div>																
	<div style="display: flex; justify-content: space-between;"> <div> Depth of bottom of well screen 13.0 ft </div> <div></div> </div>																
	<div style="display: flex; justify-content: space-between;"> <div> Bottom of Silt trap 13.5 ft </div> <div></div> </div>																
	<div style="display: flex; justify-content: space-between;"> <div> Depth of bottom of borehole 13.0 ft </div> <div></div> </div>																

(Bottom of Exploration) (Numbers refer to depth from ground surface in feet) (Not to Scale)

3.0 ft	+	10.0 ft	+	0.5 ft	=	13.5 ft
Riser Pay Length (L1)		Length of screen (L2)		Length of silt trap (L3)		Pay length

COMMENTS: _____

H&A FILE NO.	33743-000
PROJECT MGR.	T. Nolan
FIELD REP.	M. Pardi
DATE INSTALLED	9/27/2006
WATER LEVEL	10 ft

☐ Guard Pipe
☒ Roadway Box

$$\frac{4.3}{\text{Riser Pav Length (L1)}} \text{ ft} + \frac{10.0}{\text{Length of screen (L2)}} \text{ ft} + \frac{0.5}{\text{Length of silt trap (L3)}} \text{ ft} = \frac{14.8}{\text{Pav length}} \text{ ft}$$

Form 2007

PROJECT	Proposed Retail Building
----------------	--------------------------

LOCATION	Mancehster, Connecticut
----------	-------------------------

CLIENT

CONTRACTOR	Seabard Drilling, Inc.
------------	------------------------

ELEVATION OF REFERENCE POINT	130.98
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DESCRIPTION OF REFERENCE POINT ☒ PVC ☐ Roadway / Casing ☐ Ground Surface ☐ Other:

H&A FILE NO.	33743-000
--------------	-----------

PROJECT MGR. T. Nolan

FIELD REP. M. Pardi

DATE 29-Sep-2006

[illegible]

OW/PZ NUMBER
B53-OW

Page 1 of 1

PROJECT	Proposed Retail Building
---------	--------------------------

H&A FILE NO. 33743-000

LOCATION	Mancehster, Connecticut
----------	-------------------------

PROJECT MGR. T. Nolan

CLIENT

FIELD REP. M. Pardi

CONTRACTOR	Seabard Drilling, Inc.
------------	------------------------

DATE 28-Sep-2006

ELEVATION OF REFERENCE POINT 123.74

DESCRIPTION OF REFERENCE POINT ☒ PVC ☐ Roadway / Casing ☐ Ground Surface ☐ Other:

[illegible]



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: FHS-1

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Scott

Logged by: B. Rach

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/
Casing

S.S.

GROUNDWATER READINGS

Type: HSA

S.S.

O.D. / I.D.: 4-1/4"

2" O.D.

Hammer Wt.: 140 lb.

Hammer Fall: 30"

Other: _____

Date	Time	Depth	Casing	Stab

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed	
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)					
1	S-1		0-2			Brown, fine to coarse SAND, little Gravel, trace Silt	0.2' ASPHALT	1	None	
2						Brown, fine to coarse SAND, little Gravel, trace Silt				
3										
4	S-2		4-6			Brown, fine to coarse SAND, little Gravel, trace Silt				
5										
6	S-3		6-11			Brown, fine to coarse SAND and GRAVEL		2		
7										
8										
9										
10										
11	S-4		11-15			Brown, fine to coarse SAND and GRAVEL				
12										
13										
14										
15						End of Exploration at 15'				
16										
17										
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REMARKS

1. Soil samples screened with a 10.6 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "***" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.
2. Samples saturated below 6.5 feet below grade.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: FHS-1

W.B. SAMP-DEPTH 443547.GPJ GZADEPTH.GDT 2/2/11



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: FHS-2

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Scott

Logged by: B. Rach

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/Casing

Type: HSA S.S.

O.D. / I.D.: 4-1/4" 2" O.D.

Hammer Wt.: 140 lb.

Hammer Fall: 30"

Other: _____

Sampler

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed	
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)					
1	S-1		0-2			Brown, fine to coarse SAND, little Gravel, trace Silt	0.2' ASPHALT	1	None	
2										
3						Brown, fine to coarse SAND, trace Gravel and Silt				
4	S-2		4-6			Brown, fine to coarse SAND, trace Gravel and Silt				
5										
6	S-3		6-11			Brown, fine to coarse SAND, little Gravel, trace Silt		2		
7										
8										
9										
10										
11	S-4		11-15			Brown, fine to coarse SAND, little Gravel, trace Silt				
12										
13										
14										
15						End of Exploration at 15'				
16										
17										
18										
19										
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REMARKS

- Soil samples screened with a 10.6 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "***" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.
- Sample saturated 6.5 feet below grade.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: FHS-2

W.B. SAMP-DEPTH 443547.GPJ GZADEPTH.GDT 2/2/11



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: FHS-3

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Scott

Logged by: B. Rach

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/
Casing

Type: HSA

O.D. / I.D.: 4-1/4"

Hammer Wt.: _____

Hammer Fall: _____

Other: _____

Sampler

S.S.

2" O.D.

140 lb.

30"

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)				
1	S-1		0-2			Brown, fine to coarse SAND, little Gravel, trace Silt	0.2' ASPHALT	1	None
2						Brown, fine to coarse SAND, trace Gravel and Silt			
3									
4									
5									
6	S-2		6-6.5			Gray, fine to coarse GRAVEL, trace Sand		2	
7	S-3		6.5-11			Brown, fine to coarse SAND, little Gravel, trace Silt			
8									
9									
10									
11	S-4		11-15			Brown, fine to coarse SAND, little Gravel, trace Silt			
12									
13									
14									
15						End of Exploration at 15'			
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									

REMARKS

- Soil samples screened with a 10.6 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "***" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.
- Samples saturated below 6 feet below grade.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: FHS-3

W.B. SAMP-DEPTH 443547.GPJ GZADEPTH.GDT 2/2/11



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: FL-1

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Scott

Logged by: B. Rach

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/
Casing

Type: HSA S.S.

O.D. / I.D.: 4-1/4" 2" O.D.

Hammer Wt.: 140 lb.

Hammer Fall: 30"

Other: _____

Sampler

GROUNDWATER READINGS

Date Time Depth Casing Stab

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed	
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)					
1	S-1		0-2			Brown, fine to coarse SAND, little Gravel, trace Silt	0.2' CEMENT	1	None	
2						Brown, fine to coarse SAND, trace Gravel and Silt				
3										
4						End of Exploration at 4'				
5										
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REMARKS

- Soil samples screened with a 10.6 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "***" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: FL-1

W.B. SAMP-DEPTH 443547.GPJ GZADEPTH.GDT 2/2/11



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: FL-2

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Scott

Logged by: B. Rach

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/
Casing

Type: HSA

O.D. / I.D.: 4-1/4"

Hammer Wt.: _____

Hammer Fall: _____

Other: _____

Sampler

S.S.

2" O.D.

140 lb.

30"

GROUNDWATER READINGS

Date Time Depth Casing Stab

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed	
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)					
1	S-1		0-2			Brown, fine to coarse SAND, little Gravel, trace Silt	0.2' ASPHALT	1	None	
2	S-2		2-4			Brown, fine to coarse SAND, trace Gravel and Silt				
3										
4						End of Exploration at 4'				
5										
6										
7										
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REMARKS

- Soil samples screened with a 10.6 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "***" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: FL-2

W.B. SAMP-DEPTH 443547.GPJ GZADEPTH.GDT 2/2/11



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: L-1

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Scott

Logged by: B. Rach

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/
Casing

Type: HSA

O.D. / I.D.: 4-1/4"

Hammer Wt.: _____

Hammer Fall: _____

Other: _____

Sampler

S.S.

2" O.D.

140 lb.

30"

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed	
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)					
1	S-1		0-2			Brown, fine to coarse SAND, some Gravel, trace Silt	0.2' ASPHALT	1	None	
2						Brown, fine to coarse SAND, little Gravel, trace Silt				
3						Brown, fine to coarse SAND, little Silt				
4						End of Exploration at 4'				
5										
6										
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REMARKS

- Soil samples screened with a 10.6 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "***" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: L-1

W.B. SAMP-DEPTH 443547.GPJ GZADEPTH.GDT 2/2/11



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: L-2

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Scott

Logged by: B. Rach

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/
Casing

Type: HSA

O.D. / I.D.: 4-1/4"

Hammer Wt.: 140 lb.

Hammer Fall: 30"

Other: _____

Sampler

S.S.

2" O.D.

30"

GROUNDWATER READINGS

Date Time Depth Casing Stab

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed	
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)					
1	S-1		0-2			Brown, fine to coarse SAND, little Gravel, trace Silt	0.4' ASPHALT	1	None	
2						Brown, fine to coarse SAND, little Gravel, trace Silt				
3										
4						End of Exploration at 4'				
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REMARKS

- Soil samples screened with a 10.6 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "***" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: L-2

W.B. SAMP-DEPTH 443547.GPJ GZADEPTH.GDT 2/2/11



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: MW-10

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Chris

Logged by: S. Drag

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/
Casing

Type: HSA S.S.

O.D. / I.D.: 4-1/4" 2" O.D.

Hammer Wt.: 140 lb.

Hammer Fall: 30"

Other: _____

Sampler

GROUNDWATER READINGS

Date Time Depth Casing Stab

Sample Information

Depth	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)	Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
1	S1	60/43	0-5		ND	Dry brown fine to medium SAND, some Gravel, little coarse Sand, silt	SAND GRAVEL	1	
2									
3									
4									
5	S2	60/47	5-10		ND	Top 37" Dry brown fine to medium SAND, some Gravel, little coarse Sand, silt		2	
6						Middle 10" Wet brown fine to medium SAND, some Gravel, little coarse Sand, Silt			
7									
8									
9									
10	S3	60/55	10-15		ND	Top 12" Dry brown fine to medium SAND, some Gravel, litte coarse Sand, silt		2	
11						Middle 12" Wet dark brown Silt, little fine to medium SAND			
12									
13									
14									
15						Bottom 31" Wet brown Gravel, some fine to coarse Sand, little Silt			
16						End of Exploration at 15'	16' SILT		
17									
18									
19							19' GRAVEL AND SAND		
20									
21									
22									
23									
24							24'		
25									
26									
27									
28									
29									

REMARKS

1. Soil samples screened with a 10.0 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "*" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.
2. Samples saturated below 9 feet below grade.
3. 10 feet of 2 inch diameter, Schedule 40, threaded, flush joint, 10-slot PVC well screen set at approximately 15 feet below grade. Well completed to ground surface with a 2 inch diameter, Schedule 40, threaded, flush joint, PVC riser. Filter sand placed in annulus around well from 15 to 4 feet below grade. Bentonite seal installed from 4 to 3 feet below grade. Remaining annulus filled with auger spoils from 3 to 0 feet below grade. Well protected with locking end cap and curb box.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: MW-10

W.B. SAMP-DEPTH 443547.GPJ GZADEPTH.GDT 2/2/11



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: MW-11

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Chris

Logged by: S. Drag

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/
Casing

Sampler

Type: _____

O.D. / I.D.: _____

Hammer Wt.: _____

Hammer Fall: _____

Other: GeoProbe

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed	
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)					
1	S1	60/47	0-5			Top 3" Asphalt Middle 10" Dry brown Gravel and fine to medium SAND, little Silt Bottom 34" Dry brown fine to coarse Sand, little Gravel, trace Silt	0.3' ASPHALT SUBSOIL	1	Protective Casing	Cuttings (0-2')
2									2" Schedule 40 Riser (0-4')	Bentonite (2-3')
3										
4										
5	S2	60/50	5-10			Top 22" Moist brown fine to coarse SAND, little Gravel, trace Silt Bottom 30" Wet brown fine to coarse Sand, little gravel, trace Silt	7'	2		
6										
7										
8										
9										
10	S3	60/60	10-15			Top 15" Wet brown fine to medium SAND, little Silt Next 21" Wet brown fine to coarse Sand, trace Silt Next 12" Wet brown fine to medium Sand, little Silt Bottom 12" Wet brown fine to coarse Sand, trace Silt				Sand (3-14')
11										2" Schedule 40 PVC Screen (4-14')
12										
13										
14										
15						End of Exploration at 15'		3		
16										
17										
18										
19										
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REMARKS

- Soil samples screened with a 10.6 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "***" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.
- Samples saturated below 7 feet below grade.
- 10 feet of 2 inch diameter, Schedule 40, threaded, flush joint, 10-slot PVC well screen set at approximately 14 feet below grade. Well completed to ground surface with a 2 inch diameter, Schedule 40, threaded, flush joint, PVC riser. Filter sand placed in annulus around well from 3 to 14 feet below grade. Bentonite seal installed from 2 to 3 feet below grade. Remaining annulus filled with auger spoils from 0 to 2 feet below grade. Well protected with curb box.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: MW-11



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: MW-12

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Chris

Logged by: S. Drag

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/
Casing

Sampler

Type: _____

O.D. / I.D.: _____

Hammer Wt.: _____

Hammer Fall: _____

Other: GeoProbe

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)				
1	S-1	60/42	0-5		ND	Top 3" ASPHALT	0.3' ASPHALT	1	<p>FLUSH</p> <p>Cuttings (0-0.5')</p> <p>Bentonite (0.5-1')</p> <p>2" Schedule 40 PVC Riser (0-2')</p> <p>Sand (1-10')</p> <p>2" PVC Screen (2-10')</p>
2					ND	Middle 21": Moist, brown GRAVEL and fine to coarse SAND, little Silt	GRAVEL AND SAND	2	
3						Bottom 18": Wet, brown GRAVEL and fine to coarse SAND, little Silt			
4									
5	S-2	60/60	5-10		ND	Wet, brown GRAVEL, some fine to coarse Sand, little Silt			
6					ND				
7									
8									
9									
10	S-3	60/60	10-15		ND	Top 31": Wet, brown GRAVEL, some fine to coarse Sand, little Silt			
11					ND	Bottom 29": Wet, brown GRAVEL, little fine to coarse SAND, trace Silt	12' GRAVEL		
12									
13									
14									
15						End of Exploration at 15'	15'	3	
16									
17									
18									
19									
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29									

REMARKS

- Soil samples screened with a 10.6 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "***" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.
- Samples saturated below 2 feet below grade.
- 8 feet of 2 inch diameter, Schedule 40, threaded, flush joint, 10-slot PVC well screen set at approximately 10 feet below grade. Well completed to ground surface with a 2 inch diameter, Schedule 40, threaded, flush joint, PVC riser. Filter sand placed in annulus around well from 1 to 10 feet below grade. Bentonite seal installed from 0.5 to 1 foot below grade. Remaining annulus filled with auger spoils from 0 to 0.5 feet below grade. Well protected with curb box.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: MW-12



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: T-1

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Scott

Logged by: B. Rach

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/
Casing
Type: HSA
O.D. / I.D.: 4-1/4"
Hammer Wt.: _____
Hammer Fall: _____
Other: _____

S.S.
S.S.
2" O.D.
140 lb.
30"

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed	
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)					
1	S-1		0-1			Brown, fine to coarse SAND, trace Gravel and Silt	0.2' ASPHALT	1	None	
2						End of Exploration at 1'				
3										
4										
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REMARKS

1. Soil samples screened with a 10.6 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "***" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: T-1

W.B. SAMP-DEPTH 443547.GPJ GZADEPTH.GDT 2/2/11



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: T-2

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Scott

Logged by: B. Rach

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/
Casing
Type: HSA
O.D. / I.D.: 4-1/4"
Hammer Wt.: 140 lb.
Hammer Fall: 30"
Other: _____

Sampler

S.S.

2" O.D.

30"

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed	
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)					
1	S-1		0-1			Brown, fine to coarse SAND, little Silt, trace Gravel	0.2' ASPHALT	1	None	
2						End of Exploration at 1'				
3										
4										
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REMARKS

1. Soil samples screened with a 10.6 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "***" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: T-2

W.B. SAMP-DEPTH 443547.GPJ GZADEPTH.GDT 2/2/11



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: T-3

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Scott

Logged by: B. Rach

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/
Casing
Type: HSA
O.D. / I.D.: 4-1/4"
Hammer Wt.: _____
Hammer Fall: _____
Other: _____

Sampler
S.S.
2" O.D.
140 lb.
30"

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed	
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)					
1	S-1		0-1			Brown, fine SAND and SILT, trace Gravel	0.1' ASPHALT	1	None	
2						End of Exploration at 1'				
3										
4										
5										
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REMARKS

1. Soil samples screened with a 10.6 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "***" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: T-3

W.B. SAMP-DEPTH 443547.GPJ GZADEPTH.GDT 2/2/11



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: TC-1

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Scott

Logged by: B. Rach

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/
Casing
Type: HSA
O.D. / I.D.: 4-1/4"
Hammer Wt.: _____
Hammer Fall: _____
Other: _____

S.S.
S.S.
2" O.D.
140 lb.
30"

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed	
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)					
1	S-1		0-2			Brown, fine to coarse SAND, little Gravel, trace Silt	0.4' CEMENT	1	None	
2										
3						Brown, fine to coarse SAND, little Gravel and Silt				
4						End of Exploration at 3'				
5										
6										
7										
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REMARKS

- Soil samples screened with a 10.6 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "***" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: TC-1

W.B. SAMP-DEPTH 443547.GPJ GZADEPTH.GDT 2/2/11



GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Broad Street Parkade

Manchester, CT

Boring No.: TC-2

Page: 1 of 1

File No.: 43547

Check: _____

Contractor: Aquifer Drilling and Testing

Foreman: Scott

Logged by: B. Rach

Date Start/Finish: 11-27-06 / 11-27-06

Boring Location: See Plan

GS Elev.: _____ Datum: Project

Auger/
Casing

Sampler

GROUNDWATER READINGS

Type: HSA S.S.
O.D. / I.D.: 4-1/4" 2" O.D.
Hammer Wt.: 140 lb.
Hammer Fall: 30"
Other: _____

Date	Time	Depth	Casing	Stab

Depth	Sample Information					Sample Description & Classification	Stratum Desc.	Remarks	Equipment Installed	
	No.	Pen./ Rec. (in.)	Depth (Ft.)	Blows (/6")	Field Test Data (ppm)					
1	S-1		0-2			Brown, fine to coarse SAND, little Gravel, trace Silt	0.2' ASPHALT	1	None	
2										
3						Brown, fine to coarse SAND, little Gravel, trace Silt				
4						End of Exploration at 3'				
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
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REMARKS

1. Soil samples screened with a 10.6 eV Thermo Environmental Instruments Model 580B organic vapor meter (OVM). OVM values represent meter response in parts per million (ppm) relative to benzene in air and above background readings. A "***" indicates a sample sent to a laboratory for additional analyses or screening. ND=None Detected above background.

Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: TC-2

W.B. SAMP-DEPTH 443547.GPJ GZADEPTH.GDT 2/2/11

SOIL SAMPLE FIELD LOG

GZA GeoEnvironmental, Inc. 27 Naack Rd. Vernon, Connecticut Phone: (860) 875-7655				PROJECT Broad Street Parkade Manchester, CT				Date: 27 Nov 06 Page of	
Project Name:				Location:				File No. 05.0043547.0 Eng./Sampler SD, BR	
Air Temperature (°F): 50°F Weather Conditions: Overcast				SAMPLING EQUIPMENT				Calibration Standard: 60 Source lamp: 10.6 eV Instrument Reading (start): 59 Instrument Reading (finish):	
Sample Method/Device: Geoprobe				Grab Hand Auger		Hand Core/Borer		Dredge Other	
Sample ID	Time	Sample Depth (FT)	OMV Reading (PPM)	Odor	Ground Cover (asphalt/cnc.gras)	Cover Thickness (ft)	Sample Description		
FHS-1 (0-2)	1200	0-2	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Gravel, trace Silt		
FHS-1 (2-4)	1215	2-4	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Gravel, trace Silt		
FHS-1 (4-6)	1230	4-6	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Gravel, trace Silt		
FHS-1 (6-11)	1240	6-11	ND	None	Asphalt	2"	Brown fine to coarse Sand & Gravel		
FHS-1 (11-15)	1300	11-15	ND	None	Asphalt	2"	Brown fine to coarse Sand and Gravel		
FHS-2 (0-2)	1330	0-2	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Gravel, trace Silt		
FHS-2 (2-4)	1340	2-4	ND	None	Asphalt	2"	Brown fine to coarse Sand, trace Gravel & Silt		
FHS-2 (4-6)	1345	4-6	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Gravel & Silt		
FHS-2 (6-11)	1355	6-11	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Gravel, trace Silt		
FHS-2 (11-15)	1410	11-15	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Gravel, trace Silt		
FHS-3 (0-2)	1430	0-2	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Gravel, trace Silt		
FHS-3 (2-4)	1440	2-4	ND	None	Asphalt	2"	Brown fine to coarse Sand, trace Gravel & Silt		
FHS-3 (4-6)	1500	4-6	ND	None	Asphalt	2"	Brown fine to coarse Sand, trace Gravel & Silt		
FHS-3 (6-11)	1510	6-11	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Gravel, trace Silt/6" layer of gray fine to coarse Gravel		
FHS-3 (11-15)	1515	11-15	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Gravel, trace Silt		
SOIL CONDITIONS				DENSITY				ABBREVIATIONS	
Fines (silt & clay) Too fine to see, TRACE (TR.) Fine sand. Finest visible particles. LITTLE (L.) Med. Sand 1/64"-1/16" (granular sugar) SOME (S) C. Sand 1/6"-1/4" (rock salt) AND Fine gravel 1/4"-3/4" (pea to grape)				0-10% V. Loose 10-20% Loose 20-35% M. Dense 35-50% Dense				V. Soft Soft M. Stiff Stiff	
				V - Very GR - Gray BN - Brown YEL - Yellow RD - Red				F - Fine M - Medium C - Coarse F/M - Fine to Medium F/C - Fine to Coarse	
				ORGANIC MATERIALS					
				Organic Silt: Dark gray to black, light weight, often H2S odor. Humus: Decomposed root/twig/leaf litter - forest areas. Root Mat: Living root fiber structures, found in marshes. Peat: Fossiliferous root mat - decomposed fiber structure. Note: logs, branches, roots, shells, black streaks, H2S odor.					

SOIL SAMPLE FIELD LOG

GZA GeoEnvironmental, Inc. 27 Naak Rd. Vernon, Connecticut Phone: (860) 875-7655				Project Name: _____ Location: _____				Date: <u>27 Nov 06</u> Page <u> </u> of <u> </u> File No. <u>05.0043547.0</u> Eng./Sampler SD, BR OVA/OVM: _____	
Air Temperature (°F): <u>50°F</u> Weather Conditions: <u>Overcast</u>				Sample Method/Device: _____ Geoprobe _____ SAMPLING EQUIPMENT _____					
				Grab	Hand Auger	Hand Core/Borer	Dredge	Other	Instrument Reading (start): <u>59</u> Instrument Reading (finish): _____
Sample ID	Time	Sample Depth (FT)	OVN Reading (PPM)	Odor	Ground Cover (asphalt/cnc. gras)	Cover Thickness (ft)	Sample Description		
FL-1 (0-2)	855	0-2	ND	None	Cement	2"	Brown fine to coarse Sand, little Gravel, trace Silt		
FL-1 (2-4)	900	2-4	ND	None	Cement	2"	Brown fine to coarse Sand, trace Gravel and Silt		
FL-2 (0-2)	910	0-2	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Gravel, trace Silt		
FL-2 (2-4)	915	2-4	ND	None	Asphalt	2"	Brown fine to coarse Sand, trace Gravel and Silt		
T-1 (0-1)	940	0-1	ND	Organic	Asphalt	2"	Brown fine to coarse Sand, trace Gravel and Silt		
T-2 (0-1)	950	0-1	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Silt, trace Gravel		
T-3 (0-1)	1010	0-1	ND	None	Asphalt	1"	Brown fine Sand & Silt, trace Gravel		
TC-1 (0-2)	1010	0-2	ND	None	Cement	4"	Brown fine to coarse Sand, little Gravel, trace Silt		
TC-1 (2-3)	1045	2-3	ND	None	Cement	4"	Brown fine to coarse Sand, little Gravel trace Silt		
TC-2 (0-2)	1050	0-2	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Gravel, trace Silt		
TC-2 (2-3)	1055	2-3	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Gravel, trace Silt		
L-1 (0-2)	1115	0-2	ND	None	Asphalt	2"	Brown fine to coarse Sand, some Gravel, trace Silt		
L-1 (2-4)	1120	2-4	ND	None	Asphalt	2"	Brown fine to coarse Sand, little Gravel & Silt		
L-2 (0-2)	1130	0-2	ND	None	Asphalt	4"	Brown fine to coarse Sand, little Gravel, trace Silt		
L-2 (2-4)	1135	2-4	ND	None	Asphalt	4"	Brown fine to coarse Sand, little Gravel, trace Silt		
SOIL CONDITIONS				DENSITY			ABBREVIATIONS		
Fines (silt & clay)	Too fine to see.	TRACE (TR.)	0-10%	V. Loose	V. Soft	V - Very	F - Fine	ORGANIC MATERIALS	
Fine sand.	Finest visible particles.	LITTLE (L.)	10-20%	Loose	Soft	GR - Gray	M - Medium	Organic Silt: Dark gray to black, light weight, often H2S odor.	
Med. Sand	1/64"-1/16" (granular sugar)	SOME (S)	20-35%	M. Dense	M. Stiff	BN - Brown	C - Coarse	Humus: Decomposed root/twig/leaf litter - forest areas.	
C. Sand	1/6"-1/4" (rock salt)	AND	35-50%	Dense	Stiff	YEL - Yellow	E/M - Fine to Medium	Root Mat: Living root fiber structures, found in marshes.	
Fine gravel	1/4"-3/4" (pea to grape)					RD - Red	F/C - Fine to Coarse	Peat: Fossiliferous root mat - decomposed fiber structure.	
							Note: logs, branches, roots, shells, black streaks, H2S odor.		

SOIL SAMPLE FIELD LOG									
GZA GeoEnvironmental, Inc. 120 Mountain Ave., Bloomfield, Connecticut Phone: (860) 286-8900			PROJECT Project Name: <u>Broad Street Parkade</u> Location: <u>Manchester, CT</u>					Date: <u>12/12/2006</u> File No. <u>5.0043547</u> Eng./Sampl <u>MTM</u>	
			SAMPLING EQUIPMENT Sample Method/Device: <u>Hand shovel</u> Grab Hand Auger Hand Core/Borer Dredge Other					OVA/OVM: <u>10.6</u>	
								Calibration Standard: _____ Source lamp: _____	
								Air Temperature (°F): <u>~40-45F</u> Weather Conditions: <u>Overcast</u>	
Sample ID	Time	Sample Depth (FT)	OVM Reading (PPM)	Odor	Ground Cover (asphlt/cnc.gras)	Cover Tickness (ft)	Sample Description		
T-5	8:50	0-6"	0	None	Asphlt.	2"	Med, reddish brown, coarse to medium sand, trace gravel and silt		
SOIL CONDITIONS				DENSITY		ABBREVIATIONS		ORGANIC MATERIALS	
Fines (silts & clay)	Too fine to see.	TRACE (TR.)	0-10%	V. Loose	V. Soft	V - Very	F - Fine	Organic Silt: Dark gray to black, light weight, often H2S odor.	
Fine sand.	Finest visible particles.	LITTLE (L.)	10-20%	Loose	Soft	GR - Gray	M - Medium	Humus: Decomposed root/twig/leaf litter - forest areas.	
Med. Sand	1/64"-1/16" (granular sugar).	SOME (S.)	20-35%	M. Dense	M. Stiff	BN - Brown	C - Coarse	Root Mat: Living root fiber structures, found in marshes.	
C. Sand	1/6"-1/4" (rock salt).	AND	35-50%	Dense	Stiff	YEL - Yellow	F/M - Fine to Medium	Peat: Fossiliferous root mat - decomposed fiber structure.	
Fine gravle	1/4"-3/4" (pea to grape).					RD - Red	F/C - Fine to Coarse	Note: logs, branches, roots, shells, black streaks, H2S odor.	

APPENDIX E
LOCAL AND STATE REGULATORY DOCUMENTS



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



April 18, 1983

Stop & Shop, Inc.
Construction Department
Post Office Box 369
Boston, Massachusetts 02101

Attention: Mr. Milton Kasner

RE: Disposal of approximately 4000 Cu. Yd of soils from the Stop & Shop Site at
Manchester, Connecticut

Dear Mr. Kasner:

Contaminated soils being removed from the Stop and Shop site in Manchester may be managed and disposed of as a solid waste. These soils may be used as daily or intermediate cover at any permitted solid waste disposal area with the exception of bulky waste disposal areas. The hauler of the soils doesn't require any permits or licenses from this Department. This decision is contingent upon:

1. Stop & Shop contacting this office 48 hours prior to removing any soils; and
2. Testing procedures as outlined in a letter dated March 23, 1983, GZA, Inc. to Stop & Shop, Inc. being adhered to.

This approval is based upon criteria contained in Part 261 of Section 40 of the Code of Federal Regulations, chemical analyses provided by Stop & Shop, Inc., a letter dated March 23, 1983 from GZA, Inc. to Stop & Shop, and report entitled "Proposed Stop & Shop site, Manchester, Connecticut" dated February 1983, prepared by GZA, Inc.

Should you have any questions, feel free to contact me at 566-4869.

Very truly yours,

Barry L. Giroux
Barry L. Giroux
Senior Sanitary Engineer
Hazardous Waste Management Section

BLG:et

cc: G. Kandra - Manchester, Director
of Public
W.G. Williams - GZA, Inc.
B. Coss - DEP, Oil & Chemical Spills
Section

C. Kurker - Solid Waste Mgmt Unit

Phone:

165 Capitol Avenue • Hartford, Connecticut 06106

An Equal Opportunity Employer

GOLDBERG-ZOINO & ASSOCIATES, INC.
Geotechnical-Geohydrological Consultants

The GEO Building
320 Needham Street
NEWTON UPPER FALLS, MA 02164
617-969-0050

LETTER OF TRANSMITTAL

DATE	3/25/83	JOB NO.	16-3520
ATTENTION	Barry Groulx		
RE	Disposal of gasoline contaminated soils from Stop and Shop Manchester site		

TO Connecticut DEP
122 Washington St.
Hartford CT 06106

GENTLEMEN:

WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via _____ the following items.

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☒ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION

RECEIVED
MAR 28 1983
HAZARDOUS MATERIALS
MANAGEMENT UNIT

THESE ARE TRANSMITTED as checked below:

- | | | |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------|
| <input type="checkbox"/> For approval | <input type="checkbox"/> Approved as submitted | <input type="checkbox"/> Resubmit _____ copies for approval |
| <input type="checkbox"/> For your use | <input type="checkbox"/> Approved as noted | <input type="checkbox"/> Submit _____ copies for distribution |
| <input type="checkbox"/> As requested | <input type="checkbox"/> Returned for corrections | <input type="checkbox"/> Return _____ corrected prints |
| <input type="checkbox"/> For review and comment | <input type="checkbox"/> _____ | |
| <input type="checkbox"/> FOR BIDS DUE _____ 19 _____ <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US | | |

REMARKS: Attached is a letter of my understanding
of the Department's concerns on this matter of
disposal of soils slightly contaminated with gasoline
at the local land fill. I have addressed this concern
in a program to characterize soil contamination. The letter
also describes a method for determination of hydrocarbons in
soils, which was described by Jan Kapish (Dept. of Health)
GZA has obtained soil samples which are being analyzed by
that method. I will report to you the results of the analysis,
my assessment of soil condition, and recommendations for



GOLDBERG • ZOINO & ASSOCIATES, INC.
GEOTECHNICAL-GEOHYDROLOGICAL CONSULTANTS

RECEIVED

MAR 25 1983

L. E. A.

DONALD T. GOLDBERG
WILLIAM S. ZOINO
JOSEPH D. GUERTIN JR.
JOHN E. AYRES

JOHN P. SULLIVAN
STEVEN J. TRETTEL
JAMES H. REYNOLDS

CONSULTANTS:
WALTER E. JAWORSKI
STANLEY M. BENSEN

March 23, 1983
File No. G-3550-C

Stop & Shop, Inc.
Construction Department
Post Office Box 369
Boston, Massachusetts 02101

Attention: Mr. Milton Kasner

Re: Standards for Disposal of
Gasoline Contaminated Soils
from the Stop & Shop Site
at Manchester, Connecticut

Gentlemen:

Barry Giroux (Hazardous Materials Management Unit of the Connecticut Department of Environmental Protection) cited one criterion -- non-flamability -- and one standard -- less than 50 ppm benzene -- to be met before DEP would recommend disposal of soils slightly contaminated with gasoline at the Manchester Landfill. Mr. Grioux has not yet determined if there is a water quality impact.

A standard for determining soil flammability can be derived from the lower flammability limit for gasoline which is one percent (volume : volume) or 10,000 parts per million (ppm). Soils can be screened on site by the Century Organic Vapor analyzer which has a detection limit of 1 ppm, or an explosimeter which has a detection limit of a fraction of one percent. No soil from test borings obtained to date, have exhibited organic vapor concentrations which would constitute a flammability hazard.

The benzene standard -- 50 ppm (weight : weight) -- which has been imposed for disposal of spill cleanup materials should be applied in two phases. (This approach was developed after

a conversation with Jan Kapish, director of the laboratory for the Connecticut Department of Health.) The objective of the first phase, the soil testing phase, would be to assess if average soil concentrations of benzene exceed 50 ppm. This would be accomplished by analyzing vertically composited soil samples for benzene using a quantitative heated (70°C) head space technique. Split samples would be analyzed by an independent laboratory and GZA. At this time, GZA would develop field procedures to analyze soils for benzene by heated head space techniques using portable equipment. If composite soil samples possess less than 50 ppm benzene, no further testing of soils for benzene would be undertaken. During excavation, soils would still be required to pass the flammability test. Soils exceeding the flammability standard would be renovated by volatilization, as described below, with the exception that the standard to be applied for renovation would be the lower flammability limit of one percent.

If some composite test soil samples contain more than 50 ppm benzene, a second phase of remediation and testing would be required during excavation of the contaminated strata. Soil strata shown to contain more than 50 ppm benzene in the soil testing phase would be renovated by being spread in a layer over the ground to allow volatilization of benzene. Attainment of acceptable soil benzene concentrations would be demonstrated by heated (70°C) headspace analysis performed by GZA according to procedures developed during Phase I soil testing.

Very truly yours,



W. Gary Williams
Senior Aquatic Chemist

WGW:dlw

cc: Mr. Rex Anderson, LEA



INTRODUCTION

Five soil samples were received on 22 March 1983 for two composite benzene analyses by gas chromatography/mass spectrometry, (GCMS).

EXPERIMENTAL

For composite analysis, equal weights of each soil were added to a 40 cc glass bottle with a teflon lined septum and heated to 70°C for 45 minutes. A 100 ul headspace was then injected directly onto a 5%-SP1200, 1.75% Bentone-34 GC column interfaced to a Finnigan MAT 1020 GCMS system. Specific operating parameters can be found with the attached chromatograms. Results are summarized in Table I.

TABLE I - BENZENE

CAA ID	830322-11,12,13	830322-14,15
Client ID	S-1, S-2, S-3A	S-4, S-5

<u>ANALYTE</u>	<u>CONCENTRATION (mg/kg) ppm</u>	
Benzene	1.1	1.3

HAZARDOUS WASTE INSPECTION CHECKLIST

te:

Name: Histonz Dump Site

Location: Broad St.

Manchester

Phone No: () N/A

ID No: _____

Contact & Ronald Krutz Health Dept.

Title: _____

Mailing Address (if different from
location): _____

Inspector(s): Zimmerman

Inspection Date: 4/25/84 7/16/84

Inspection Category: _____

RCRA Notifier as:

Generator: _____

Transporter: _____

TSDF: _____

Part A Application No, Yes

UIC: _____

Inventory: P:1

Complaint No: _____

Other (describe): _____

CHARACTERIZATION OF SITE ACTIVITY

Date Established at Present Location: _____

No. of Employees, Shifts: _____

Type of Activity: _____

Products: _____

Processes: _____

municipal refuse dumpsite used 230 years

Aggr. Buildings in Area built on pile-ons to

reduce settlement. Sewer lines recently installed. No

evidence that this Area houses haz or Industrial

wastes during the installation.

Water Supply (if well(s) give approx. location): All city water in

this Area

III INVENTORY

- A) Has this site notified EPA under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 PL 96-510 (commonly known as Superfund): ☒ No, ☐ Yes:
(Attach copy of Notification, if available)
- B) Prior to the November 19, 1980 Implementation of RCRA Where; When; What type; Amount/Frequency; How long; and by Who (Transporters, Facilities, Etc.) were wastes disposed of Off-site:

- C) Is there any evidence of On-site disposal? ☒ No, ☐ Yes.

Give Approximate Location; Type; Amount/Frequency; Length of Time On-site disposal has been used, etc. (Specify any historical On-site disposal):

Area has been commercially built upon. Except for Street Settlement, there is no Evidence that this site was a dumping ground.

IV RECORDS

aa) Hazardous Waste Determination

262.11/
25-54cc(c)-
2(a)(3)(A)-7,
2-9(3)(3)

1) Performed:

2) Records Maintained:

INSPECTION TYPE: RCRA PICL-INV Other-INV FOLLOW-UP
Compliance w/ Complaint #
Street Address David St. Manchester Town
Previous R.W. Inspection NONE SAMPLING: #'s:
Other:

EPA ID Number (or note N/A)

WHAT DO THEY DO OR MAKE?

STATUS: RCRA NOTIFIER AS: SM-Q GEN TRANS TREATMENT STORAGE DISPOSAL // MAJOR MINOR-TSDF MINOR-GEN/TRANS GROUNDWA. M

(at time of inspection) CT-Permit Trans O.U.B. No Haz. Waste CT-Regulated Only Non-notifier Operating As:

SM-Q (>100-1,000kg/mo/accum.) SM-Q(<100kg/mo/accum.) Moved to:

Exempt because:

Does the actual operation agree with the notification? yes no N/A. Is a status change needed? yes no. If yes, explain:

If a TSDF, does the operation agree with the Part A? yes no N/A. Comments:

TYPE OF WASTE HANDLED:

Listed H. Wastes CHARACTER. HAZ. CT REGULATED
Chlor. Solvents Ignitable Waste Oil
Non-Chlor. Solvents Corrosive PCUs
Acutely Toxic ("P") Reactive Paint Waste
UNKNOWN EP Toxic Other:

TREATED/STORED/DISPOSED IN:

Containers: Approx. # on-site
Tanks (aboveground) Wastewater Treatment System
Tanks (belowground) Thermal Treatment
Surface Impoundment Phys/Chem/Bio Treatment
Waste Pile Secure Landfill
Other: Engineered Landfill

PROBLEMS: List ALL violations, deficiencies, etc. noted and briefly EXPLAIN/CLARIFY. BE SPECIFIC.
If not evaluated, write "N/A" in "In Compliance" column. If not applicable, write "N/A".
Note CLASS OF VIOLATION (I or II) for each area of non-compliance.

Check compliance status at the time of the inspection, in the judgement of the inspector.

MANIFESTS

USING PERMITTED TRANSPORTERS*

USING PERMITTED TSDFS*

HAZARDOUS WASTE DETERMINATIONS*

INSPECTION SCHEDULE & LOG

PERSONNEL TRAINING

CONTINGENCY PLAN

WASTE ANALYSIS PLAN

CLOSURE PLAN & ESTIMATE (Amount\$)

POST-CLOSURE PLAN & ESTIMATE (Amount\$)

FINANCIAL REQUIREMENTS: INSURANCE:
(Note amt. & mechanism)

ASSURANCE:

OPERATING RECORDS

SECURITY

PREPAREDNESS & PREVENTION

GROUNDWATER MONITORING

ACTUAL STORAGE, TREATMENT & DISPOSAL* (Include storage < 90 days for Gen, problems w/ labels, accum dates, leaks, imperm. base/berm, sloppy storage, handling or ign/incomp/ reactive, proper disposal.)

Municipal refuse dumping ground > 30 years ago. No HAZ or Industrial wastes noted or expected.

GENERAL COMPLIANCE STATUS: DEFICIENCIES ARE: MAJOR INTERMEDIATE MINOR NONE (in the judgement of Inspector)

GENERAL COMMENTS: (Under enf. action, compliance deadlines, etc.)

Is there evidence of on-site disposal or potential for groundwater contamination? no yes possible. GW Class G-B
Comments:

COPY DISTRIBUTION: File District Analyst UNCR GW Group Referral to: applicable to
HWM 1/34 STATE OF CONNECTICUT DEPT. OF ENVIRONMENTAL PROTECTION HAZARDOUS WASTE MANAGEMENT *small-quantity generator

8-10-83

Broad St.

no information found.

HAZARDOUS WASTE MANAGEMENT SECTION - STATE OF CONNECTICUT DEPT. OF ENVIRONMENTAL CONTROL - REGULATORY DIVISION

NAME: Manchester

IDENTIFICATION NUMBER: 123456789

DATE: 12/15/81

SITE NAME & ADDRESS	TYPE OF WASTE EPA/RCRA LIST WASTE	SPECIFIC ON-SITE ACTIVITY	QUANTITY OF WASTE	U.S. CLASS	COMMENTS
<p>Manchester Secondary landfill 12345 Main St</p>	<p>Organics Inorganics solvents mixed municipal Wastes Metals</p>	<p>landfilled</p>	<p>unavailable</p>	<p>---</p>	<p>CERCLA Notified</p>

FORM NO. 100-101

DATE RECEIVED: 12/15/81

NO SIGNATURE OR
INITIALS ON
INDICATING OR-
DATE RECEIVED

1000

☒ Yes

CALLING
FOR
SOMEONE

CHITRY

DEPT. OF
LAW

012

single

A-1

192 193

1000

[illegible]

HAPPY

0.5

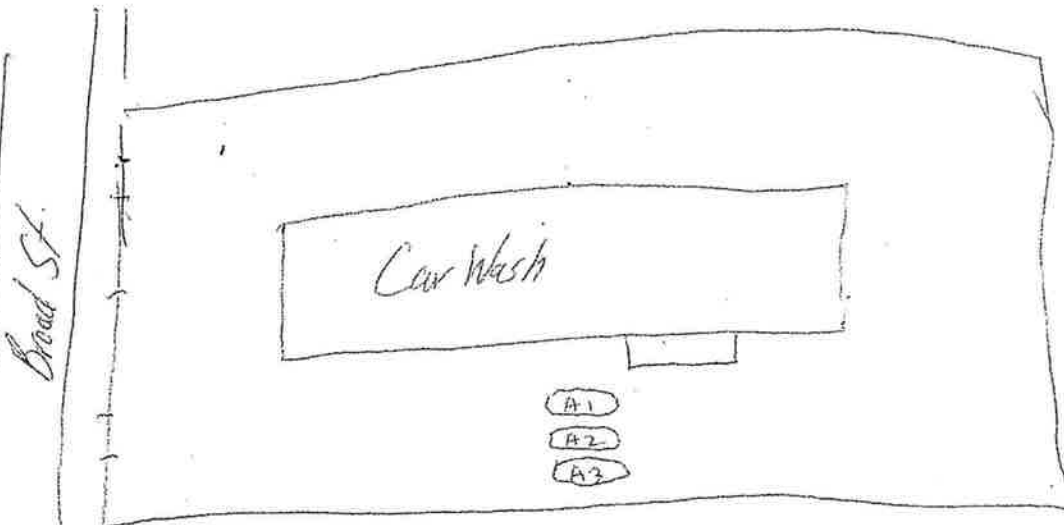
FINAL CERTIFICATION FORM
CERTIFYING INSTALLATION OF
CAR WASH WASTEWATER TREATMENT FACILITIES

DO NOT SUBMIT THIS FORM WITH THE APPLICATION

SUBMIT THIS FORM ONLY AFTER RECEIPT OF APPROVAL LETTER
FROM DEP AND AFTER INSTALLATION OF TREATMENT FACILITIES

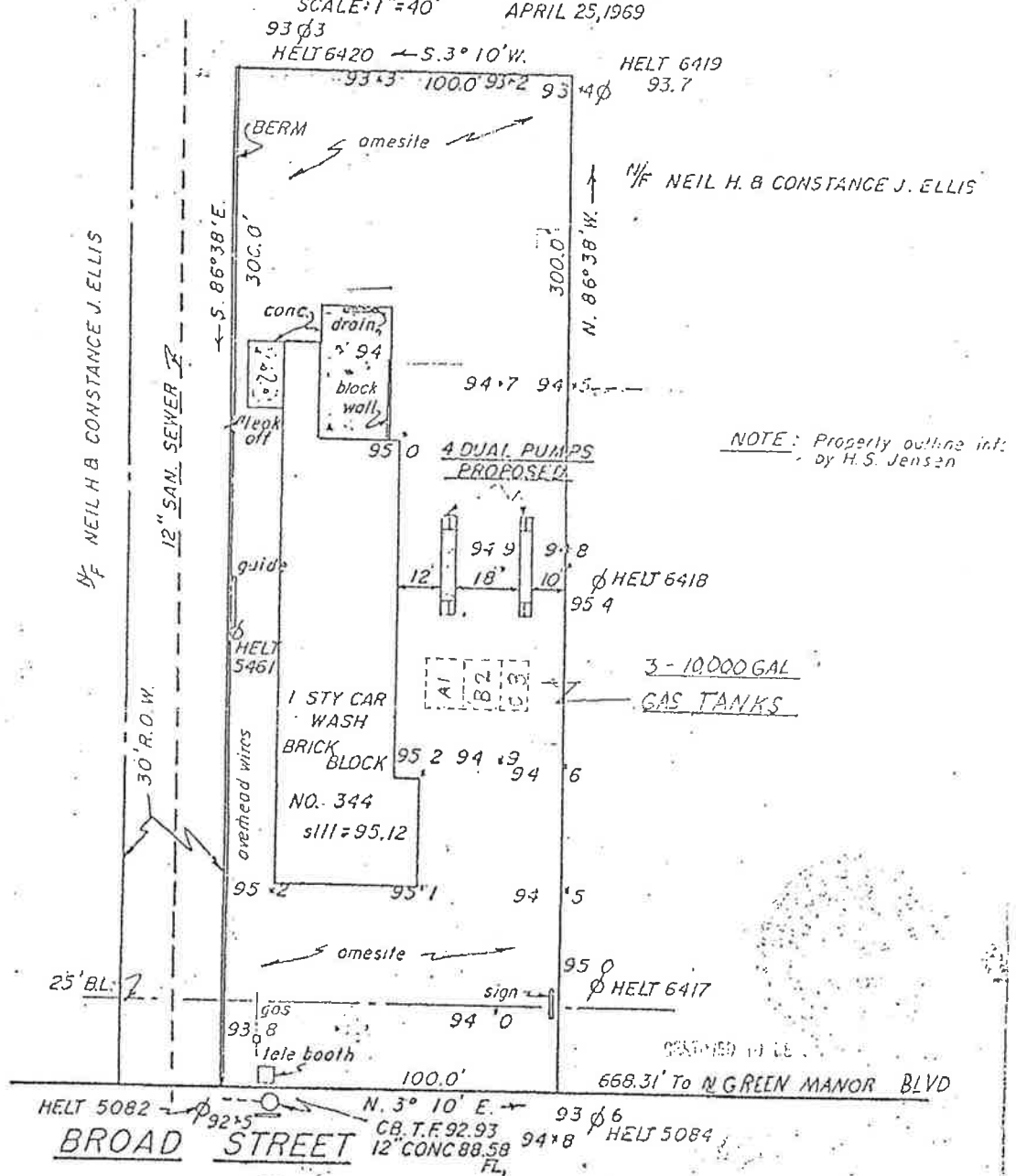
~~Revision May 3, 1994~~

344 Broad Street



PLAT PLAN

MR. AUTO WASH, INC.
LEO BEDRICK, LEASEE
BROAD STREET
MANCHESTER, CONNECTICUT
SCALE: 1"=40' APRIL 25, 1969



LICENSE PERMIT w/ STATE OF CT.

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

77-1644
CAPITOL TIRE CO
825 BROAD ST
MANCHESTER

CT 06040

Dear UST owner/operator:

The following questionnaire should be completed as part of a joint state and federal compliance monitoring project. Please answer as accurately as possible all of the following which pertain to your particular UST site. Please be advised that the information herein provided will be compared with those data currently maintained as part of the Connecticut DEP/ Federal Environmental Protection Agency data management system. Please make as many copies of this form as needed.

- 1) If you own **ONLY** heating fuel tanks for on-site consumptive use, please check here and return this letter. ☐
- 2) How many UST(s) are in service at this site in total (including heating fuel tanks for on-site consumptive use)? 0
How many are heating fuel tanks?

Heating fuel tanks used for on-site consumption only are exempt from the rest of this survey.
Use one row vertically for each tank /container that is part of the facility being reported.

3) What are the tank I.D.'s ? (as previously registered with CT DEP and EPA)				
4) What was the date of installation for each of your tanks?				
5) What do these tanks contain? C=hazardous materials G=gasoline, D=diesel fuel, W=waste oil				
6) What is the total capacity of these tanks (in gallons)?				
7) What type of UST(s) do you have? F= fiberglass, S=Steel, C= steel clad and cathodic protection O=other (please explain)				
8) Which of the following leak detection options are being used? a) inventory control (gauging / weekly reconciliation with water paste test) and annual failure determination b) double walled UST-interstitial monitoring c) automatic tank gauging (eg. Veeder root system) d) approved installation and monthly monitoring of ground water wells e) approved installation and monthly monitoring of "vapor sniffing" wells f) Manual tank gauging as defined in 22a-449(d)-104(e)2 for UST systems ≤ 2000 gallons				
9) Do you have pressurized piping or suction piping? P = pressurized; S = suction				

- 10) Do you perform release detection on piping?
What kind and when?

UST systems **MUST** be upgraded accordingly or closed (including environmental sampling survey and remediation, if necessary) prior to December 22, 1998. For questions 11, 12, and 13, please put a 'P' for upgrades that have already been made and an 'F' for upgrades to be made prior to the 1998 deadline. (Please include projected date of compliance. eg., 11/97)

11) Spill protection provided by a catchment basin AND overflow protection provided by an automatic shutoff overflow alarm, or ball float valve (See UST Regulations Sec.22a-449(d)-102(a)(5))				
12) Corrosion protection for the tank and piping provided by: a) steel tank has corrosion resistant coating and cathodic protection				
b) tank made of noncorrodible material (such as fiberglass) (See UST Regulations Sec. 22a-449(d)-102(a)(10))				
13) Corrosion protection for piping provided by: steel piping with a corrosion-resistant coating and cathodic protection (See UST Regulations Sec. 22a-449(d)-102(a)(10))				
14) Will you be or are you now in compliance with the December 1998 federal and state deadline for spill, overflow, and corrosion protection?	YES <input type="checkbox"/>	NO <input type="checkbox"/>		

*If you decide not to upgrade your existing UST system with the items above, you **MUST** properly close the UST system. If you subsequently install a new UST system, the new installation must meet all the regulatory requirements for installations after December 22, 1998. Failure to legally upgrade or to close applicable UST systems (including submission of closure reports with sampling data) will be viewed as a serious violation of State and Federal environmental law.*

Signature Tony Verna Date 9-6-95 Telephone 203 640 3356

Please return this letter to:
Department of Environmental Protection
Waste Management Bureau
79 Elm Street
Hartford, CT 06106 ATTN: Kelly McShea

Please return this letter by:

SEP 14 1995

If you have any questions, please contact this office at (203) 424-3374.



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



Re: 77-1264

Dear Owner/Operator:

Thank you for completing the Underground Storage Tank (UST) Questionnaire. The information represented on your questionnaire, however, does not match the information on your most recent notification form (Form EPHM-6). It is a State and Federal requirement that Forms EPHM-6 be submitted to the Department (UST Program) with each change of status of UST Operation/Ownership.

For your convenience, we have enclosed an Underground Storage Facility Notification Form form. Please submit a copy of this letter with the completed form and return it to this office with up-to-date information about your UST facilities.

If you have removed or abandoned motor fuel or waste oil tanks prior to December 1988, and closure reports and/or soil sampling were not conducted at that time, please send in any empirical verification of cleanup or degree of contamination which you may have.

If you have removed or abandoned motor fuel or waste oil tanks after December 1988, please submit a concise closure report, including copies of sampling results and verification of clean-up, as required by state and federal law.

Should you have any questions, please call me at (203) 424-3374. Thank you for your cooperation.

Sincerely,

Kelly A. McShea

Kelly A. McShea
UST Enforcement Program

We show the following tank in use.

TANK ID: A-1

CAPACITY: 550 gals

INSTALLED: 1-73

RECEIVED
17 JUN 1986



1264

325 Broad St.
325 Broad St.
555 Nutmeg Rd. No.

Capitol Tine Co.

Capitol Tine Co.

Milton Ballot

325 Broad St.

325 Broad St.

555 Nutmeg Rd. No.

Center St.

Manchester

Manchester

S. Windsor

325 IN 4500

10/30/86

CT 41-46 21 72 52 01

CT 06040 203 646-3356

CT 06074 203 528-9241

John Greene

550

1973

12-11-86

325 Broad St.

325 Broad St.

555 Nutmeg Rd. No.

Center St.

Manchester

Manchester

S. Windsor

325 IN 4500

10/30/86

CT 41-46 21 72 52 01

CT 06040 203 646-3356

CT 06074 203 528-9241

RECEIVED

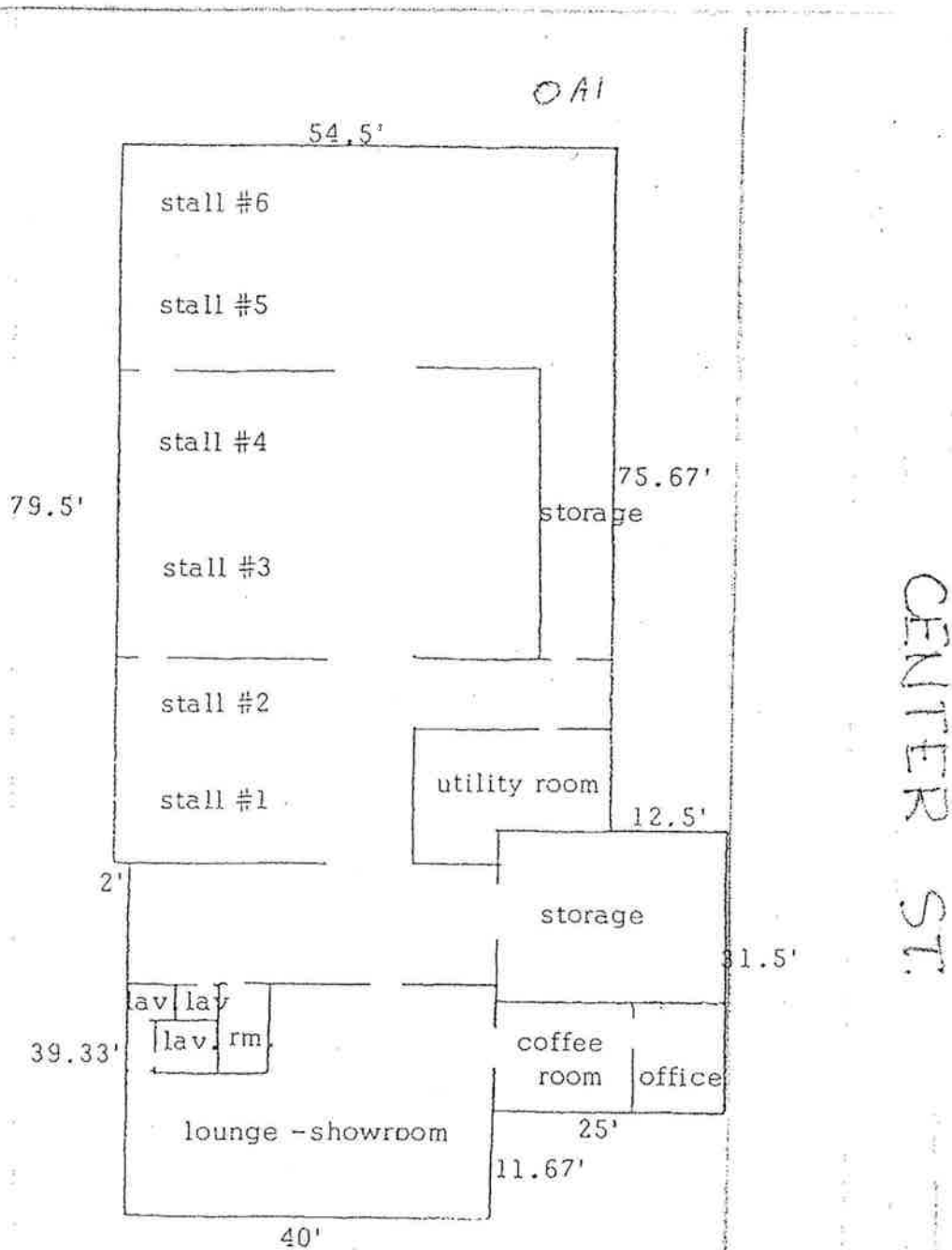
JUN 17 1986

HAZARDOUS MATERIALS
MANAGEMENT UNIT

6/17/86

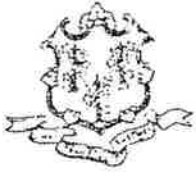
Frank A. Gotroci

Gen. Mgr.



Building Sketch
325 Broad Street
Manchester, Ct.

BROAD ST



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



DATE: Oct. 29, 1986
TO: Capitol Tire Co.

- 555 Nutmeg Rd.
South Windsor, CT
4 Tanks
- 153 Boston Post Rd.
Willimantic, CT
1 Tank
- 1020-24 Silas Deane Hwy
Wethersfield, CT
2 Tanks
- 306 Market St.
Hartford, CT
1 Tank
- 1009 New Britain Av
Elmwood, CT
1 Tank
- 58 Maple St.
Wethersfield, CT
1 Tank

FROM: Department of Environmental Protection
165 Capitol Avenue
Hartford, Conn. 06106

SUBJECT: Life Expectancy of Underground Storage Tanks

Pursuant to subsection (h) of the DEP's regulations on Underground Storage Tanks, life expectancy is as follows:

FIBERGLASS REINFORCED PLASTIC - manufacturers' corrosion warranty period.

CATHODICALLY PROTECTED EXTERNALLY COATED STEEL - same as above or calculated anode life.

Ⓡ Existing facilities not either of the above - 15 years from date of installation.

On your notification form you failed to indicate the life expectancy for the tank(s) listed below, therefore, we are assuming your life expectancy(s) to be 15 years. If you have documentation that indicates otherwise, please contact us at 566-4630.

Sincerely yours,

Joseph Cote

Eleanor A. Tewksbury

Eleanor A. Tewksbury
Field Inspector

- 82 Boston Post Rd.
Waterford, CT
2 Tanks
- 325 Broad St.
Manchester, CT
1 Tank
- 455 Putnam Av.
Hamden, CT
2 Tanks
- 898 Farmington Av.
Farmington, CT
1 Tank
- 22 Thomas St.
E. Hartford, CT
1 Tank

cc: Local Fire Marshall

ST. JAMES CEMETERY	360 Broad St.	Center St.	Manchester	CT 06040	203 646-3772
Catholic Cemetery Association	P.O. Box 1105		Manchester	CT 06040	203 646-3772
Catholic Cemetery Association	700 Middle town Ave.		North Haven	CT 06473	203 239-2557
Mr. Henry O. Higgins	360 Broad St.		Manchester	CT 06040	203 646-3772

ST. JAMES CEMETERY
Catholic Cemetery Association
Catholic Cemetery Association

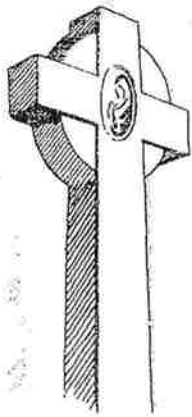
360 Broad St.
P.O. Box 1105
700 Middle town Ave.

Center St.
Manchester
North Haven

CT 06040
CT 06040
CT 06473

203 646-3772
203 646-3772
203 239-2557

ST. JAMES CEMETERY
Catholic Cemetery Association
Catholic Cemetery Association



Catholic Cemeteries Association

OF THE ARCHDIOCESE OF HARTFORD, INC.

Greater Hartford Region

REGIONAL OFFICE

Mt. St. Benedict Cem.
1 Mt. St. Benedict Ave.
Bloomfield, Conn.

OFFICE

CEMETERY OFFICES

BLOOMFIELD

Mt. St. Benedict Cem.
1 Mt. St. Benedict Ave.

MANCHESTER

St. James Cem.
P. O. Box 1105

CEMETERIES

BLOOMFIELD

Mt. St. Benedict
St. Patrick

EAST HARTFORD

St. Mary

MANCHESTER

St. James
St. Bridget

SERVICE BLDG.

PUMP

APPROX. 1/4

CENTER STREET

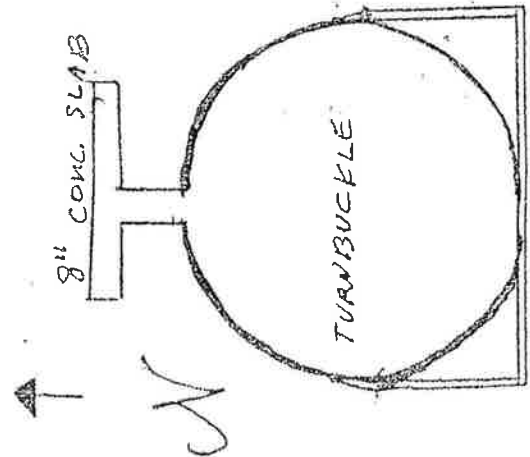
APPROX. 700'

BROAD STREET

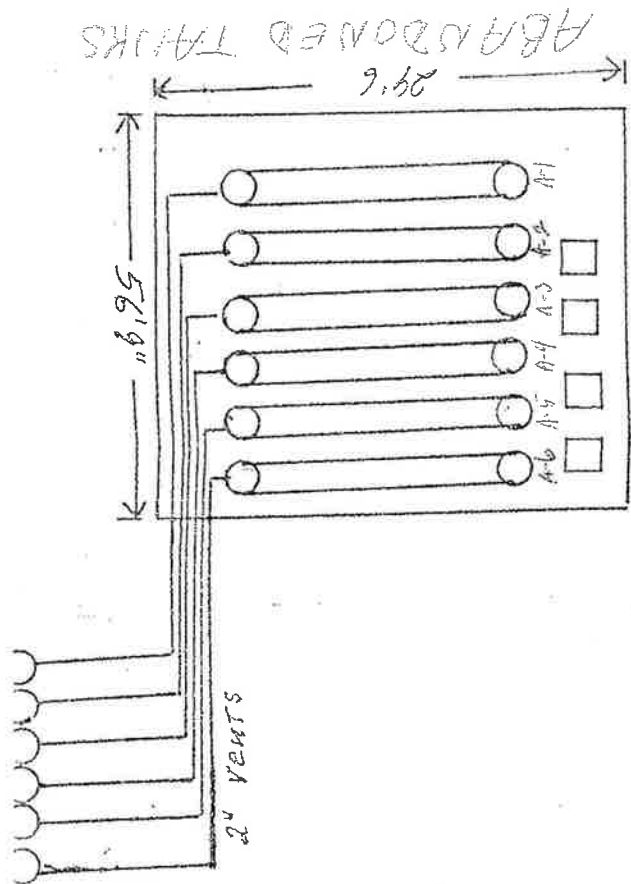
SEPTIC
85-86

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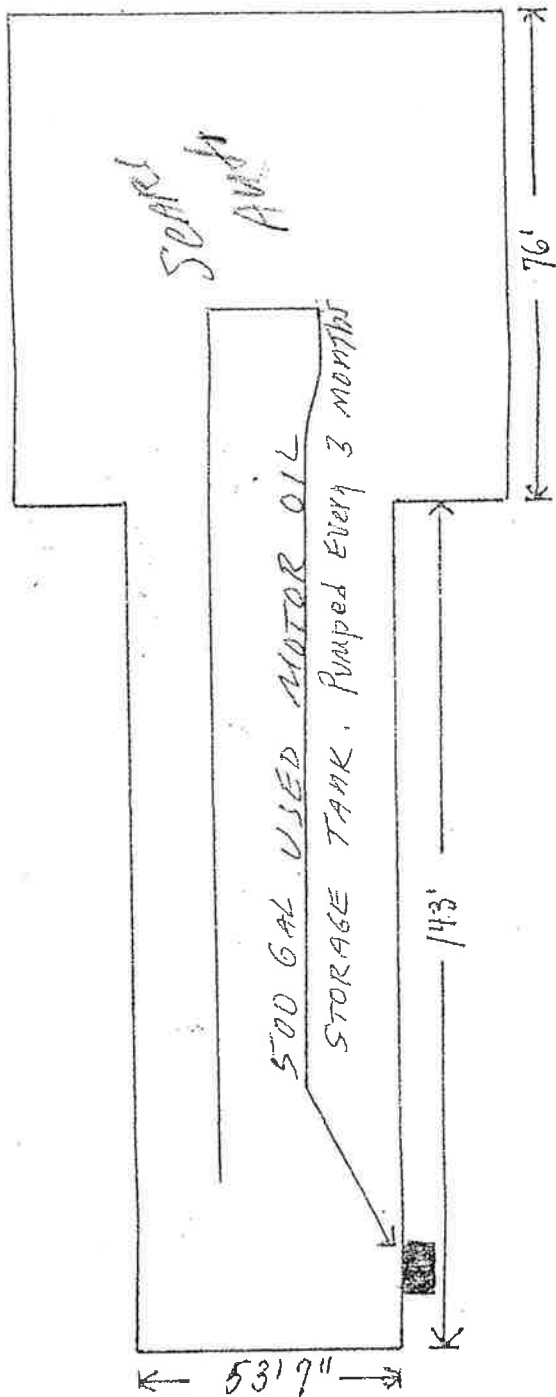
COPY TO BE FORWARDED TO THE DIRECTOR OF THE FBI BY THE ATTORNEY GENERAL'S OFFICE ON OR BEFORE JANUARY 10, 1968.



Concrete Saddle 3 points



BROAD ST.



5000 GAL TANKS
TAILED 5-63
Poured 6-62

GREENMANOR

BLVD.

DEPARTMENT OF ENVIRONMENTAL PROTECTION
UNDERGROUND STORAGE FACILITIES TRACKING SYSTEM
DOCUMENT NUMBER CROSS REFERENCE
EXPIRATIONS FROM: 01-1950 THRU: 11-1988

US - U504ET1816
TE: 08-1-188
ME: 18:16
WS: 076-078

SITE-ID: 077-01126 LATEST DOCUMENT NO: 87243181 GRID-X: 000001 BASIN: 004500 HOCKANUM RIVER
LATEST NOTIFICATION NO: 002 GRID-Y: 000001 PROPRIETARY?: N

LONGITUDE DEGREES: 072 LATITUDE DEGREES: 041
MINUTES: 37 MINUTES: 46
SECONDS: 07 SECONDS: 54

[OWNER] NAME: SEARS AUTOMOTIVE NAME: BROADMANOR ASSOCIATES
STREET: 00000 BROAD ST STREET: 00300 BROAD ST CT 06901-0000
INTERSECT STREET: GREEN MANOR BLVD CITY/STATE/ZIP: STAMFORD
CITY: MANCHESTER PHONE: 203-324-0152

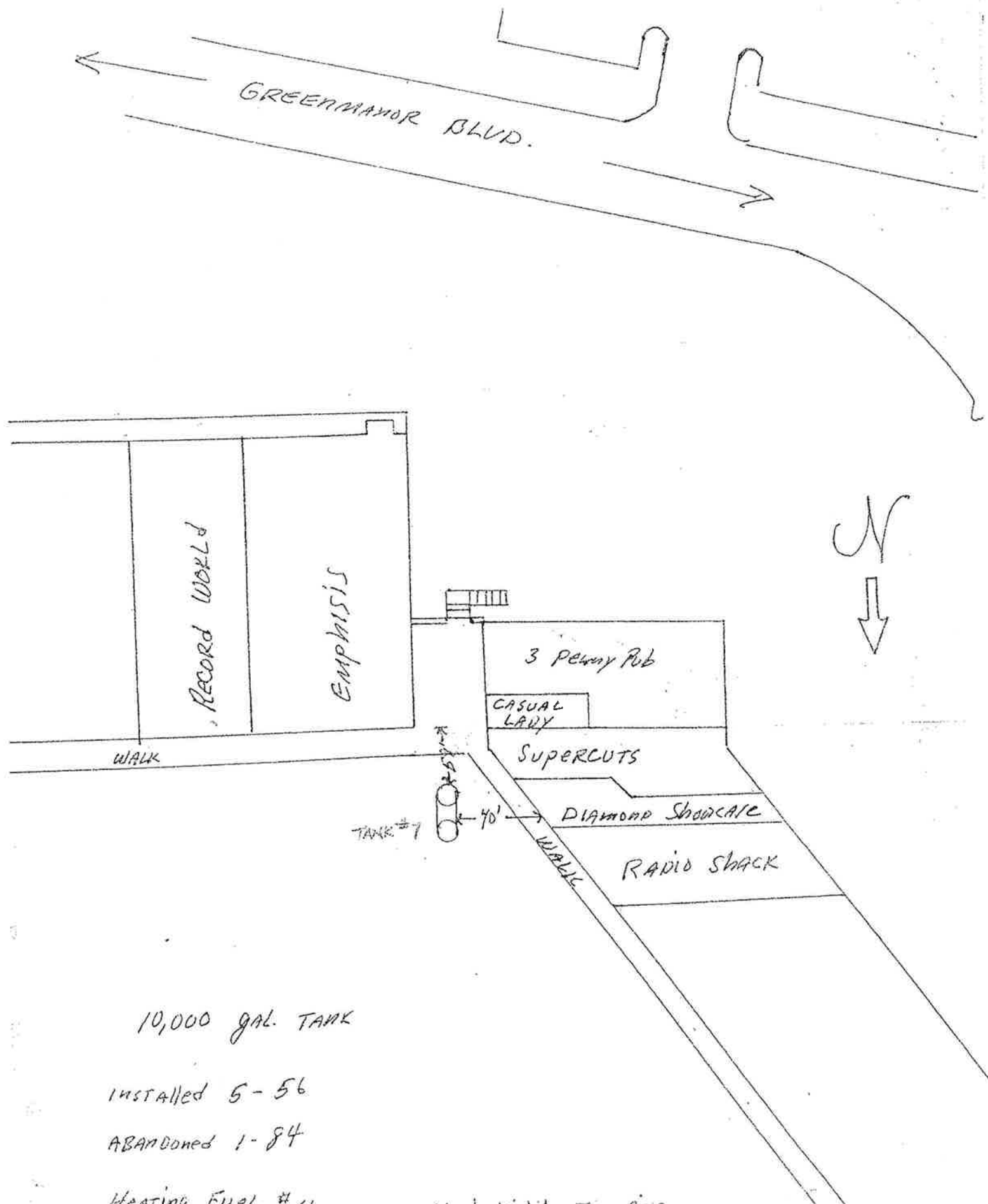
[CONTACT] NAME: RANDY NAYLOR
STREET: 00300 BROAD ST CT 06901-0000
CITY/STATE/ZIP: STAMFORD
PHONE: 203-324-0152

EVIDENT NOTIFICATION/DOCUMENT NUMBERS:

01/87243180 002/87243181 003/87243164 004/87243165 005/87243166 006/87243153 007/87243155 008/87243156

T A N K D A T A									
INSTALL LIFE	LEFT	LAST USED	CAS#	CONSTRUCT	[-PROTECTION-]	PIPING	MONITOR	EXPIRES	
MM-YY	YRS	CAPACITY	USE	STORED	MM-YY	CONTENTS		MM-YY	
05-63	15	500	U	00-00	OIL/PETRO	S	2	G	7
								05-63	U
									05-83

COMMENT:



10,000 GAL. TANK

INSTALLED 5-56

ABANDONED 1-84

HEATING FUEL #11

Interdepartment Message

STD-201 REV. 10/83 STATE OF CONNECTICUT
(Stock No. 6938-051-01)

SAVE TIME: Handwritten messages are acceptable.

Use carbon if you really need a copy. If typewritten, ignore faint lines.

To	NAME	Tom Stark	TITLE	Senior Environmental Analyst	DATE	9/12/84
	AGENCY	DEP Haz. Waste	ADDRESS	132 Washington ST. H.F.D. CT.		
From	NAME	Dave Zimmerman	TITLE	Field Inspector	TELEPHONE	566-7744
	AGENCY	1.	ADDRESS	1.		
SUBJECT						
Complaint # 545 Ability Machine Shop Manchester						

on 9/5/84 Seasonal Maintainer Mark Decaprio and I responded to Complaint # 545. We noted the following

Ability Machine Co. 315R Broad ST. - Manchester had previously been inspected by myself on 6/25/84. Noted on my report was the fact there was a drywell for a tumbling operation. This is a small sand pit that receives tumbling effluent directly from the tumbling machine located indoors. Bridgeable soap and ceramic tumbling media are used in this process.

Upon our visit on 9/15/84 this drywell had increased in size (25' x 5') along with effluent discharge. I asked the owner William Gamache about this and he said he has been doing a job that requires more tumbling.

The Area had ponded up with > 1' ^{deep} of liquid and clay sludge (worn ceramic stones) so as a contingent I procured 2 samples. Sample # 2573 and 2574 are to be run for E-P tox for metals and also Total Hydrocarbons.

The drums mentioned in the complaint report are empty and were visited by me on 6/25/84. They receive scrap metal chips.

The phone company solvent problem is

Interdepartmental Message

STO 211 REV. 10/85 STATE OF CONNECTICUT
(Stock No. 6958-051-01)

SAVE TIME: Handwritten messages are acceptable.

Use carbon if you really need a copy. If typewritten, ignore faint lines.

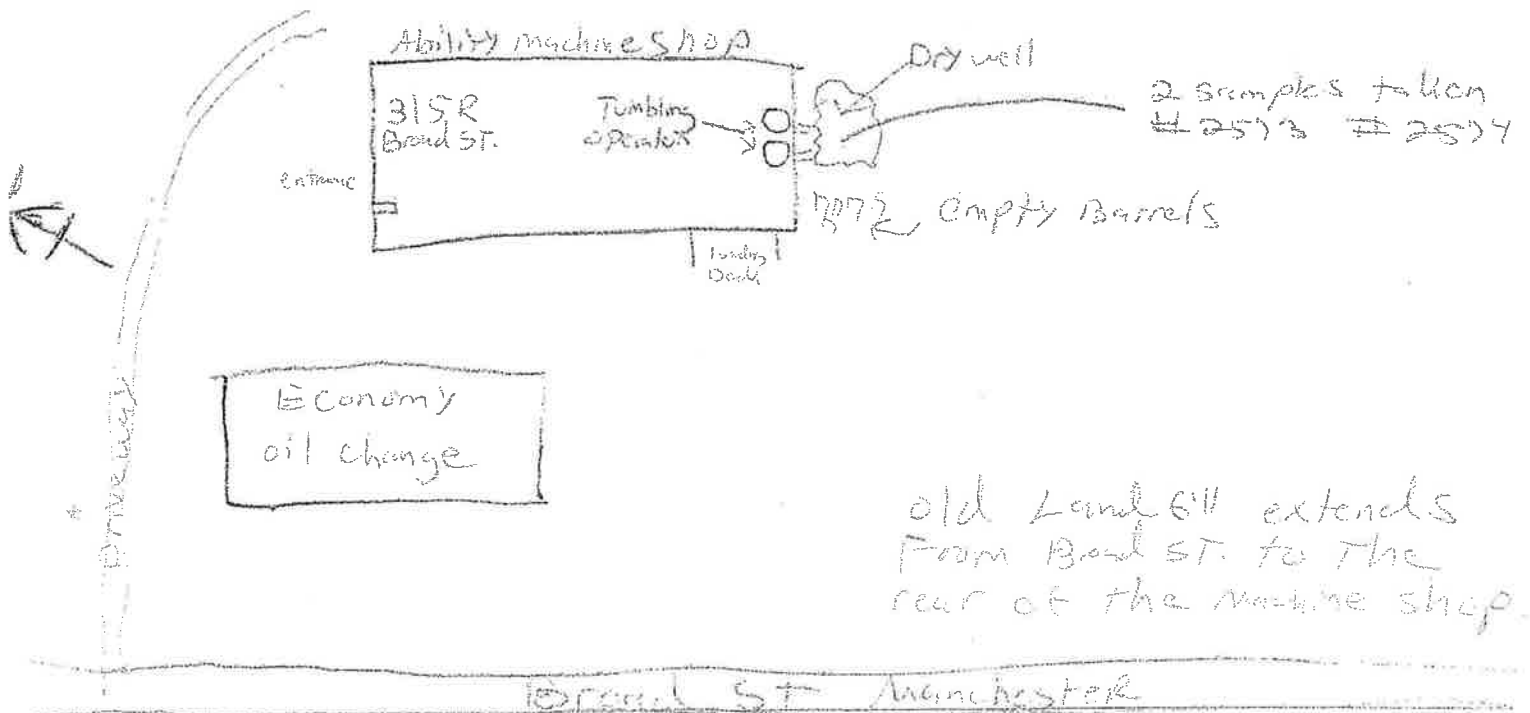
To	NAME	Tom Stark	TITLE	DATE	9/10/89
	AGENCY		ADDRESS		
From	NAME	Dave Zimmerman	TITLE	TELEPHONE	
	AGENCY		ADDRESS		
SUBJECT					
complaint # 545 (cont)					

located Across town on New State Rd. I believe
This is not a related incident.

This building is located Atop the old Broad
St Town landfill. The building (when constructed) had
to be built upon pile-ons driven through the
garbage.

The company still plans to move to the
Buckland Industrial Park, but due to setbacks
it will be another 3 months or so.

At 2:30 PM. we departed the site.



SAVE TIME: If convenient, handwrite reply to sender on this same sheet.

Site:

Inspection Date: 6/25/84Name: Activity Machine & Tool Co. Inc

Inspection Category:

Location: 315 R Broad St.
Manchester CT. 06040

RCRA Notifier as:

Generator: _____

Transporter: _____

TSD: _____

Part A Application No. Yes

UIC: _____

Inventory: PIC1

Complaint No: _____

Other (describe): _____

Phone No: () 643-0716ID No: N/AContact & William S. GamacheTitle: presidentMailing Address (if different from location):

_____Inspector(s): Zimmerman

CHARACTERIZATION OF SITE ACTIVITY

A) Date Established at Present Location: 1973 Company plans to move in 3 months to the Barkland Industrial ParkB) No. of Employees, Shifts: Temp 1 shift 5.5 days a weekC) Type of Activity: Job shopD) Products: Commercial machiningE) Processes: General machining - mill, drill, turn, cut, (Brass, Steels)
Use water soluble cutting fluids. No petroleum based oils utilizedDegreasing - Have 1 Safety-Kleen unit
A 30 gal capacity lift top
Deburring - biodegradable soap using ceramic tumbling stones. Discharges to Drywell.F) Water Supply (if well(s) give approx. location): cityG) Septic System(s), Municipal Sewer(s), Drywell(s): Septic
Drywell on side of Building receiving tumbling detergents

inter-soluble cutting oil - contact states never disposes (Trinisol)
Company uses a Safety-Kleen unit.
Deherring effluent (biodegradable surfactant) discharged to Drywell
SAY 250 gallons a day.

III INVENTORY

- A) Has this site notified EPA under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 PL 96-510 (commonly known as Superfund): ☒ No, ☐ Yes:
(Attach copy of Notification, if available)
- B) Prior to the November 19, 1980 Implementation of RCRA Where; When; What type; Amount/Frequency; How long; and by Who (Transporters, Facilities, Etc.) were wastes disposed of Off-site:

Similar methods used for as long as
contact good company has been in operation.

- C) Is there any evidence of On-site disposal? ☒ No, ☐ Yes.
Give Approximate Location; Type; Amount/Frequency; Length of Time On-site disposal has been used, etc. (Specify any historical On-site disposal):

only on-site disposal is the dry well located
next to the building

IV RECORDS

52.11/
5-54cc(c)-
(a)(3)(A)-7,
-9(3)(3)

- aa) Hazardous Waste Determination.

1) Performed: _____
2) Records Maintained: N/A

INVENTORY WORKSHEET

TOWN: Manchester

INSPECTOR: Zimmerman

DATE INV.: 6/25/84

SITE NAME & ADDRESS	ESTIMATED AMOUNT (volume & unit)	TYPE OF WASTE	COMMENTS
<p>NAME: Ability Machine and Tool Co., Inc.</p> <p>Street ADDRESS: 315 R Broad ST.</p> <p>Date Established: 1973</p> <p>Company planned to move to the Bookland Industrial Park in 3-months 8/1/84.</p>	<p>Approx. 50 gal/day</p> <p>30 gal/mo.</p> <p>very little Perhaps none</p>	<p>Biodegradable Tumbling dependent sludge</p> <p>Safety Klean unit</p> <p>water soluble cutting fluids</p>	<p><input type="checkbox"/> Check if no apparent evidence or available information indicating on-site disposal.</p> <p>to DRYWELL (Surface Type)</p> <p>Existing site is in GB Area. Site atop former landfill.</p> <p>The Future site will be in 6A The Drywell method of disposal should be evaluated Drywell Area extent is 25' x 5' x 1' deep</p> <p>Samples collected on 9/8/84 indicated 7.2 ppm Pb from sludge. EOP Toxicity procedure</p> <p>GB - GW classification</p>

Street Address N/A Town _____ Compliance w/ _____ Complaint # _____
 Previous H.W. Inspection None SAMPLING: P's: _____ Other: _____
 I.D. Number (for note N/A) _____ Job Shop Commercial Machining
 I DO THEY DO OR MAKE? _____
 NOTUS: RCRA NOTIFIER AS: SM-Q GEN. TRANS. TREATMENT STORAGE DISPOSAL // MAJOR MINOR-TSDF MINOR-GEN/TRANS GROUNDWATER, MU
 (time of CT-Permit, Trans. U.U.B. No Haz. Waste CI-Regulated Only Non-notifier Operating As: _____
 (action) SM-Q (4100-1,000kg/mo/accum.) SM-Q (100kg/mo/accum.) Moved to: _____ Exempt because: _____
 Is the actual operation agree with the notification? yes no N/A. Is a status change needed? yes no. If yes, explain: _____
 a TSDF, does the operation agree with the Part A? yes no N/E. Comments: _____

% OF WASTE HANDLED:
 Listed H. Wastes _____ CHARACTER. HAZ. _____ CI REGULATED _____ TREATED/STORED/DISPOSED IN:
 Chlor. Solvents _____ Ignitable _____ Waste Oil _____ Containers: Approx. # on-site None
 Non-Chlor. Solvents _____ Corrosive _____ PCBs _____ Tanks (aboveground) _____ Wastewater Treatment System
 Acutely Toxic ("P") _____ Reactive _____ Paint Waste _____ Tanks (belowground) _____ Thermal Treatment
 UNKNOWN _____ EP Toxic _____ Other: _____ Surface Impoundment _____ Phys/Chem/Bio Treatment
 Other: _____ Potential water soluble contaminant _____ Waste Pile _____ Secure Landfill
_____ Other: _____ Engineered Landfill

PROBLEMS: List ALL violations, deficiencies, etc. noted and briefly EXPLAIN/CLARIFY. BE SPECIFIC.
 If not evaluated, write "N/E" in "In Compliance" column. If not applicable, write "N/A".

Check compliance status at the time of the inspection, in the judgment of the Inspector.

MANIFESTS

USING PERMITTED TRANSPORTERS* _____
 USING PERMITTED TSDFs* _____
 HAZARDOUS WASTE DETERMINATIONS* _____
 INSPECTION SCHEDULE & LOG _____
 PERSONNEL TRAINING _____
 CONTINGENCY PLAN _____
 WASTE ANALYSIS PLAN _____
 CLOSURE PLAN & ESTIMATE (Amount \$ _____)
 POST-CLOSURE PLAN & ESTIMATE (Amount \$ _____)
 FINANCIAL REQUIREMENTS: INSURANCE: _____
 (Note amt. & mechanism) ASSURANCE: _____
 OPERATING RECORDS _____
 SECURITY _____
 PREPAREDNESS & PREVENTION _____
 GROUNDWATER MONITORING _____
 ACTUAL STORAGE, TREATMENT & DISPOSAL* (Include storage < 90 days for Gen. problems w/labels, accum. dates, leaks, imperv. base/berm, sloppy storage, handling or ign/incompal/reactives, proper disposal.) _____

Company plans to move to
 The Buckland Industrial Park in
 Manchester within the next
 3 months.

No cutting oils generated as a waste - company does have
 a drywell that receives the Deburring effluent (Biodegradable
 detergent) discharges according to contract are ~ 50 gallons a day.

Company uses a Safety-Kleen unit for degreasing.

GENERAL COMPLIANCE STATUS: DEFICIENCIES ARE: MAJOR INTERMEDIATE MINOR None (in the judgment of Inspector)

GENERAL COMMENTS: (Under enforcement, compliance deadlines, etc.)

There evidence of on-site disposal or potential for groundwater contamination? no yes possible. GW Class CB
 Comments: Ability machine sits atop the former Bould ST. Landfill.

PY DISTRIBUTION: file District Analyst (HQR GW Group Referral) to: applicable to
 JH 1/84 STATE OF CONNECTICUT DEPT. OF ENVIRONMENTAL PROTECTION HAZARDOUS WASTE MANAGEMENT **small-quantity generator

10 CLINTON STREET
SEP 1 3 07 PM '64

PHONE 586-5626

**SAMPLE
INVOICE**

SAMPLES OF SEWAGE OR TRADE WASTE

To be filled in by person collecting samples

From Abilene Machine in town of Manchester 77

Sample of sewage (), trade waste (), sludge (✓), or

Name of treatment plant

Owned by _____

Plant processes or treatment

Collected by Robt. Zimmerman On 9/5/84

Report to Prof. Cowie 1-11-54 Shipped on 9/5/54

[illegible]

No. and Kind of Bottles | Brown | 17-5 | NOV 13 1947

OL-33 Rev. 10-82

NA Director

10 Clinton Street
Hartford, Connecticut

LABORATORY NUMBER
HYDROCARBONS

27510 (2573)

Headspace F45, 3920R

Telephone: 556-5494

Analysis 5/11/84

NAME	Micrograms per Liter	NAME	Micrograms per Li
ACETONE		METHANOL	
BENZENE	7	METHYL ACETATE	
BROMOCHLOROMETHANE		METHYL iso-BUTYL KETONE	
BROMOETHANE		METHYL CELLOSOLVE	
BROMODICHLOROMETHANE		METHYL CYCLOHEXANE	
BUTANE		METHYL CYCLOPENTANE	
BUTANOL		METHYLENE CHLORIDE	
iso-BUTANOL		METHYL ETHYL KETONE	2,500
sec-BUTANOL		NONANE	
BUTYL ACETATE		OCTANE	
iso-BUTYL ACETATE		iso-OCTANE	
CARBON TETRACHLORIDE		PENTANE	
CHLOROBENZENE		PROPANOL	
1-CHLOROBUTANE		iso-PROPANOL	
2-CHLOROBUTANE		PROPYL ACETATE	
CHLOROFORM		iso-PROPYL ACETATE	
CYCLOHEXANE Cumene	30	STYRENE	800
DI BROMOMETHANE		1,1,2,2-TETRABROMOETHANE	
1, 2-DICHLOROETHANE		1,1,1,2-TETRACHLOROETHANE	
1, 2-DICHLOROETHENE		1,1,2,2-TETRACHLOROETHANE	
1, 1-DICHLOROETHYLENE		TETRACHLOROETHYLENE	100
1, 2-DICHLOROPROPANE		TOLUENE	(Tentative) 41
ETHANOL		1,1,1-TRICHLOROETHANE	
ETHYL ACETATE		TRICHLOROETHYLENE	
ETHYL BENZENE	100	TRICHLOROTRIFLUOROETHANE	
FORMALDEHYDE		VINYL ACETATE	
HEPTANE		META-XYLENE	
HEXANE		ORTHO-XYLENE	
METHANE	Present, not quantitated	PARA-XYLENE	

RECEIVED

NOV 15 1984

100

(Mixed)

CONCLUSION: Elution pattern is that of a mixture of traces of early eluting organic solvents with an undant. Fuel into eluting petroleum product in the very middle of Fuel oil, = 6 Fuel Oil, machine oil range.

I dent. Fuel Components: Listed Above

Director: Dr. Jesse S. Tucker
ASD

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Form P-5

Name of company	Town <u>Manchester</u>	Location on Map <u>84</u>
<u>Ability Machine</u>	Village	
Mailing Address	Rec. Stream	Watershed <u>Conn. R.</u>
<u>315 Broad St.</u>	Contact <u>William T Ganche - President</u>	
<u>Manchester</u>	Type of Problem	Serious <input type="checkbox"/> Routine <input type="checkbox"/> Minor <input type="checkbox"/> None <input type="checkbox"/>
Date Established <u>1972</u>	No. of Emp.	<u>3</u> <u>1</u> <u>2</u> <u>1</u>
Date of Last Ex.	Report by <u>Colette Ready</u>	Date <u>12/10/76</u>
Products <u>machine parts (tools - gauges)</u>		
Processes		
A <u>cutting</u>		
B <u>machining</u>		
C <u>drilling</u>		
D <u>tapping</u>		
Origin of Wastes		
Wastes Contain		
A <u>"cool tool" - cutting oil</u>		
B		
C		
D <u>"cool tool" - cutting oil</u>		
Comments Not Covered by Above Data		
<u>Small amounts of cutting oil used - no waste disposed of</u>		
<u>metal chips - taken to dump</u>		
<u>water bill not available - says bill is for minimum usage</u>		
Water Used For	San. Wastes	Industrial Wastes
Discharged To	<u>ground</u>	
Water Usage	Gals-per-day	How Computed
Sanitary Sewage	<u>45</u>	<u>3 x 15</u>
Industrial Wastes		
Clean Discharge		
Boiler Water		
In Product		
Unaccounted		
	<u>45</u>	
Total Used		
SANITARY TREATMENT - <u>septic tank - size + location unknown</u>		
INDUSTRIAL TREATMENT -		
File Data Available:		
NOTES:		

Ability Machine & Tool Co., Inc.
315 Broad St.
Manchester, CT 06040
643-0716

- 1) CSID: (printed 2/79)
a) gages, tools, jigs, dies
b) emp.: 7
c) SIC: 3545

2) 208F:
not listed

3) P-5 is attached

4) not a RCRA notifier

10 CLINTON STREET
SEP 7 5 1964

PHONE 555-5323

SAMPLE
INVOICE

SAMPLES OF SEWAGE OR TRADE WASTE

To be filled in by person collecting samples

From Habitat Machine in town of Manchester

Sample of sewage (), trade waste (), sludge (✓), or

Name of treatment plant

Owned by

Plant processes or treatment

Collected by Douglas Zimmerman On 9/5/84

Report to ^(Plasma) Pat Bowe Rm 13
120 W. 42nd St. NY 10018
Shipped on ^(Date) 9/5/84

[illegible]

No. and Kind of Bottles | Brown HC

OL-33 Rev. 10-82

Director

① E-P Toxicity For Metals
Also include (Zn, Cu, Sn, Ni, and Fe)

RECEIVED
JAN 10 1967
GENERAL INVESTIGATIVE
DIVISION
U.S. DEPARTMENT OF JUSTICE

A. S. COLLINS

File

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
HAZARDOUS WASTE MANAGEMENT SECTION
165 CAPITOL AVENUE, HARTFORD, CONNECTICUT 06106

DATE 8 1 31 1 84REPORT OF COMPLAINT

Alleged Source Ability Machine Shop
Source Address ^(315?) Broad St. Manchester
(Street) (Town)
Complainant Anonymous
Address _____ Town _____
Phone _____ Zip Code _____
(Home) (Office)

STATEMENT OF COMPLAINT

Complainant stated Ability Machine has a small dug-out pit along south side of shop, into which one or more pipes come into from the bldg. Pit covered with plywood. He stated white powders are in the pit and on ground all around the shop (outdoors); also many unmarked drums scattered around (empty or full?).

The company is located behind Economy Oil Change, isolated and not well visible from Broad St.

Newspapers report solvent problem near phone company in Manchester, and complainant says a stream located ~300' from Ability Machine flows past the phone co. (3/4 mile away).

Received by: P. HawleyAssigned 1 1 To _____ Investigation conductedACTION TAKEN: None _____ Immed. Corr. _____
Order # _____ Prior Action _____1 1
NV # _____

Connecticut Department of Environmental Protection

1991 Biennial Small Quantity Generator Hazardous Waste Report

This report is for waste handled from the period January 1, 1991 through and including December 31, 1991.

Please read all instructions before making any entries on the form.

PLACING & STANDARDS DIVISION
FEB 07 1991

1. Site Address Label If no label, enter Name: CTD981885004 SQG/L STEVEN-A ROSA 111 COACH WORKS 244 BRAD ST MANCHESTER, CT 06040 City/Town: State: Zip:		2. Mailing Address Label (if no label) CTD981885004 SQG/L STEVEN-A ROSA 111 COACH WORKS 244 BRAD ST MANCHESTER, CT 06040 City/Town: State: Zip:		CORRECTIONS TO MAILING LABEL (Note changes below)	
3. What is your EPA identification number? CTD 9818856184		10. Did you recycle any of your own waste on-site during 1991? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
4. Does this company go by any other names? <input type="checkbox"/> No <input type="checkbox"/> Yes: (Provide Name)		11. Check ONE status below which applied to your operation in 1991: a. <input type="checkbox"/> Large Generator (> 1000 kg/mo or accumulated > 1000 kg on-site) b. <input checked="" type="checkbox"/> Small Quantity Generator (100-1000 kg/mo) c. <input type="checkbox"/> Conditionally Exempt SQG (<100 kg/mo) d. <input type="checkbox"/> Non-handler (no hazardous waste generated)			
5. Is the company listed on the site address label above still operating at this site? (Check ONLY ONE) a. <input checked="" type="checkbox"/> Yes. b. <input type="checkbox"/> Yes, but the name has changed - see corrections in Item 1 above. c. <input type="checkbox"/> No, moved on ____ / ____ (mo/yr) to: (provide complete address and new site's EPA ID number in Item 14 comments). d. <input type="checkbox"/> No, out of business since ____ / ____ (mo/yr). e. <input type="checkbox"/> No, sold business/ownership changed on ____ / ____ (mo/yr) to: (provide complete name and address in Item 14 comments and if closed). f. <input type="checkbox"/> No, sold business/ownership changed on ____ / ____ and a different operation is now on-site (provide name, address and type of operation in Item 14 comments). g. <input type="checkbox"/> No, none of the above, but see Item 14 comments for explanation.		12. Indicate whether this status checked in Item 11 is expected to apply: a. <input checked="" type="checkbox"/> Permanently b. <input type="checkbox"/> During 1991 only c. <input type="checkbox"/> Other (explain in Item 14 comments)			
6. Was hazardous waste EVER generated at this site during the time period 11/19/80 - 12/31/91? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		13. Expect your status to be the same in 1992? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (explain in Item 14 comments)			
7. Was hazardous waste generated at this site during 1991? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		14. Comments: None		15. Who should be contacted if the Department has questions regarding this report? Robert L. Latham Last name, then first name Phone No. include area code: 203-646-1111	
8. Do you anticipate generating any hazardous waste in the future? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		16. Read, sign, and date after completing all sections: CERTIFICATION: I certify under penalty of law that I have personally examined and am familiar with the information submitted in page one through ____ and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are substantial penalties for submitting false information, including the possibility of fine and imprisonment.		Signature: Robert L. Latham Title: President Date signed: 1-21-91	
9. Did you ship any hazardous waste off-site during 1991? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					

CONTINUE

1989 SQG Hazardous Waste Annual Report

This report is for waste handled from Jan. 1, 1989 - Dec 31, 1989.
Please read all instructions carefully before making any entries on the form.

RECEIVED

CORRECTIONS TO MAILING LABEL
(Note changes below)

CORRECTIONS TO SITE ADDRESS LABEL
(Note changes below)

MAR 02 1990

1. SITE ADDRESS LABEL

If no label, enter:

2. MAILING ADDRESS LABEL

If no label, enter mailing address:

HAZARDOUS MATERIALS MANAGEMENT UNIT

3. What is your EPA ID number?

CTD 9 21 225684

4. Does this company go by any other names? No Yes:(list) _____

5. Is the company listed on the site address label above still operating at this site? (Check only one of the following):

☒ a. Yes.

☐ b. Yes, but the name has changed - see corrections above.

☐ c. No, moved on _____ (mo/yr) to: (provide complete address and new site's EPA ID number in comments).

☐ d. No, out of business since _____ (mo/yr).

☐ e. No, sold business/ownership changed on _____ (mo/yr) to: (provide complete name and address in comments), and it closed.

☐ f. No, sold business/ownership changed on _____ (mo/yr) and a different operation is now on-site (provide name, address and type of operation in comments).

☐ g. No, none of the above, but see comments for explanation.

6. Was hazardous waste EVER generated at this site during the time period 11/19/80 (effective date for haz. waste regulations) 12/31/89?

☒ Yes ☐ No

7. Was hazardous waste generated at this site during 1989?

☒ Yes ☐ No

a. Was hazardous waste accumulated in containers (e.g. drums)?

☒ Yes ☐ No

b. Was hazardous waste accumulated in tanks?

☒ Yes-aboveground ☐ Yes-underground ☐ No

8. Do you anticipate generating any hazardous waste in the future?

☒ Yes ☐ No

9. Did you ship any hazardous waste off-site during 1989?

☒ Yes ☐ No

10. Did you recycle any of your own waste on-site during 1989?

☐ Yes ☒ No.

11. Check ONE status below which applied to your operation in 1989:

☒ a. Large Generator (>1000 kg/mo or accumulated >1000 kg on-site)

☐ b. Small Quantity Generator (100-1000 kg/mo) ☒ Permanently

☐ c. Conditionally Exempt SQG (<100 kg/mo) ☐ During 1989 only

☐ d. Non-handler (no hazardous waste generated) ☐ Other explain in #13

12. Do you expect your status to be the same in 1990?

☒ Yes ☐ No:(explain in #13)

13. Comments on status:

None

14. Who should be contacted if we have questions regarding this report?

William T. Polegach (203) 686-8253

First name, then last name

Phone No.

15. Sign and date the following CERTIFICATION: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry I believe that the submitted information is true, accurate and complete. I am aware that there are substantial penalties for submitting false information, including the possibility of fine and imprisonment.

William T. Polegach

Type/Print Name

President

Title

2/24/90

Date signed

Signature

16. GENERATOR'S EPA ID NUMBER: C T D 2 3 1 8 2 5 6 2 4

17. FACILITY NAME: Eastman Kodak Co. Waste Recovery
(Where waste listed on this page was shipped)

18. FACILITY'S EPA ID NUMBER: CTD072138969

19. FACILITY'S SITE ADDRESS: 130 Freight St. Waterbury CT 06702
Street City/Town State

1989 SQG Hazardous Waste Annual Report

Please refer to the instructions before making any entries on this form
HAZARDOUS WASTE MANIFESTED OFF-SITE/RECYCLED ON-SITE DURING 1989

20. WASTE IDENTIFICATION (See instructions for clarification on each column)

A. Describe Waste & Process	B. Origin of Waste	C. Amount	D. Unit of Measure	E. EPA Waste Number	F. Physical state	G. Low-Level Radioactive Mixed Waste	H. YEAR(s) GENERATED	I. Ultimate Disposition
Waste Paint & Related	Primary generation Treatment residue Transfer One-time event Other (comment)	225 gal		D001 F003 F005	Liquid (very liquid) Sludge Pumpable slurry solid (not fluid)	Yes No	1989 1988 1987-1980 PRE 1980	Landfill Treatment Burned for disposal Recycled Other (comment) Unknown
	Primary generation Treatment residue Transfer One-time event Other (comment)				Liquid (very liquid) Sludge pumpable slurry solid (not fluid)	Yes No	1989 1988 1987-1980 PRE 1980	Landfill Treatment Burned for disposal Recycled Other (comment) Unknown
	Primary generation Treatment residue Transfer One-time event Other (comment)				Liquid (very liquid) Sludge Pumpable slurry solid (not fluid)	Yes No	1989 1988 1987-1980 PRE 1980	Landfill Treatment Burned for disposal Recycled Other (comment) Unknown
	Primary generation Treatment residue Transfer One-time event Other (comment)				Liquid (very liquid) Sludge pumpable slurry solid (not fluid)	Yes No	1989 1988 1987-1980 PRE 1980	Landfill Treatment Burned for disposal Recycled Other (comment) Unknown
EXAMPLE Ignitable spent solvent used in tool prodn; mixture of mineral spirits & kerosene	x Primary generation Treatment residue Transfer One-time event Other (comment)	100	G	D001	x Liquid (very liquid) Sludge pumpable slurry solid (not fluid)	Yes No	x 1989 1988 1987-1980 PRE 1980	Landfill Treatment Burned for disposal Recycled Other (comment) Unknown

Is the amount and type of waste reported on this form representative of what you normally generate over a 12 month period? ☒ Yes ☐ No.
COMMENTS: (include Section and Line Number. Explain one-time events here).

1988 SQG Hazardous Waste Annual Report

This report is for waste handled from Jan. 1, 1988 - Dec. 31, 1988.
Please read all instructions carefully before making any entries on the form.

SITE ADDRESS LABEL

CORRECTIONS TO SITE ADDRESS LABEL
(Note changes below)

2. MAILING ADDRESS LABEL

CORRECTIONS TO MAILING LABEL
(Note changes below)

If no label, enter:

If no label, enter mailing address:

D981885684
COACHWORKS
4 BROAD ST
MANCHESTER
SS STEVEN A

CTD981885684
RT COACHWORKS
244 BROAD ST
MANCHESTER
ROSS STEVEN A

CT: 06040

State Zip
CT D 981885684

CT: 06040

Is your EPA ID number?

Is this company go by any other names? ☒ No ☐ Yes

Is the company listed on the site address label above still operating at this site? (Check only one of the following).

Yes.

Yes, but the name has changed - see corrections above.

No, moved on ___/___ (mo/yr) to: (provide complete address and new site's EPA ID number in comments).

No, out of business since ___/___ (mo/yr).

No, sold business/ownership changed on ___/___ (mo/yr) to: (provide complete name and address in comments), and it closed.

No, sold business/ownership changed on ___/___ (mo/yr) and a different operation is now on-site (provide name, address and type of operation in comments).

No, none of the above, but see comments for explanation.

Is hazardous waste EVER generated at this site during the time period 1/19/80 (effective date for haz. waste regulations) - 12/31/88?

☒ Yes ☐ No

Is hazardous waste generated at this site during 1988?

☒ Yes ☐ No

Was hazardous waste accumulated in containers (e.g., drums)?

☒ Yes ☐ No

Was hazardous waste accumulated in tanks?

☒ Yes ☐ No

Do you anticipate generating any hazardous waste in the future?

☒ Yes ☐ No

Do you ship any hazardous waste off-site during 1988?

☒ Yes ☐ No

10. Did you recycle any of your own waste on-site during 1988? ☐ Yes ☒ No.
11. Check ONE status below which applied to your operation in 1988:

☐ a. Large Generator (>1000 kg/mo or accumulates >1000 kg on-site)

☒ b. Small Quantity Generator (100-1000 kg/mo) ☒ Permanently

☐ c. Conditionally Exempt SQG (<100 kg/mo) ☐ During 1988 Only

☐ d. Non-handler (no hazardous waste generated) ☐ Other (explain in #13.)

12. Do you expect your status to be the same in 1989?

☒ Yes ☐ No (explain in #13.)

13. Comments on status:

None

14. Who should be contacted if we have questions regarding this report?

Steven A. Ross

First name, then last name

(203) 646-3253

Phone No.

15. Sign and date the following CERTIFICATION: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are substantial penalties for submitting false information, including the possibility of fine and imprisonment.

Steven A. Ross

Type/Print Name

President

Title

Steven A. Ross

Signature

3/20/89

Date signed

1988 SQG Hazardous Waste Annual Report

Please refer to the instructions before making any entries on this

HAZARDOUS WASTE MANIFESTED OFF-SITE/RECYCLED ON-SITE DURING 19

CTD 981885684

Environmental Waste Resources

CTD 073138989

130 Freight St Waterbury CT 06702

Low-level
Radioactive
Mixed Waste

20. WASTE IDENTIFICATION (See instructions for clarification on each column)

Line No.	A. Describe Waste & Process	B. Origin of Waste	C. Amount & Measure	D. Unit of E. EPA Waste	F. Physical State	G. Loc. Level Radioactive Mixed Waste	H. YEAR(s) GENERATED	I. Ultimate Disposition
1	Waste Panel & Related Material	Primary generation Treatment residue Transfer One-time event Other (comment)	225 gal	0001	Liquid (very liquid)	Yes	1988	Landfill
				F003	Sludge (pumpable slurry)	No	1987	Treatment
				F005	Solid (not fluid)		1986-1980	Burned for dis
					Liquid (very liquid)		PRE-1980	Burned for ene
					Sludge (pumpable slurry)			Recycled
					Solid (not fluid)			Other (comment)
2		Primary generation Treatment residue Transfer One-time event Other (comment)			Liquid (very liquid)	Yes	1988	Landfill
					Sludge (pumpable slurry)	No	1987	Treatment
					Solid (not fluid)		1986-1980	Burned for dis
					Liquid (very liquid)		PRE-1980	Burned for ene
					Sludge (pumpable slurry)			Recycled
					Solid (not fluid)			Other (comment)
3		Primary generation Treatment residue Transfer One-time event Other (comment)			Liquid (very liquid)	Yes	1988	Landfill
					Sludge (pumpable slurry)	No	1987	Treatment
					Solid (not fluid)		1986-1980	Burned for dis
					Liquid (very liquid)		PRE-1980	Burned for ene
					Sludge (pumpable slurry)			Recycled
					Solid (not fluid)			Other (comment)
4		Primary generation Treatment residue Transfer One-time event Other (comment)			Liquid (very liquid)	Yes	1988	Landfill
					Sludge (pumpable slurry)	No	1987	Treatment
					Solid (not fluid)		1986-1980	Burned for dis
					Liquid (very liquid)		PRE-1980	Burned for ene
					Sludge (pumpable slurry)			Recycled
					Solid (not fluid)			Other (comment)
EXAMPLE: Ignitable spent solvent used in tool productn; mixture of mineral spirits & kerosene.		Primary generation Treatment residue Transfer One-time event Other (comment)			Liquid (very liquid)	Yes	1988	Landfill
					Sludge (pumpable slurry)	No	1987	Treatment
					Solid (not fluid)		1986-1980	Burned for dis
					Liquid (very liquid)		PRE-1980	Burned for ene
					Sludge (pumpable slurry)			Recycled
					Solid (not fluid)			Other (comment)
5		Primary generation Treatment residue Transfer One-time event Other (comment)			Liquid (very liquid)	Yes	1988	Landfill
					Sludge (pumpable slurry)	No	1987	Treatment
					Solid (not fluid)		1986-1980	Burned for dis
					Liquid (very liquid)		PRE-1980	Burned for ene
					Sludge (pumpable slurry)			Recycled
					Solid (not fluid)			Other (comment)

21. Is the amount and type of waste reported on this form representative of what you normally generate over a 12 month period? Yes. No.

22. COMMENTS: (Include Section and Line Number. Explain one-time events here).

Line 1 Note: 125 gallon of above was shipped under our previous temporary ID CTPO00006. The balance of 100 gallon was shipped under the EPA ID No. shown on page 2 of 2.

Note: Information must be typewritten

COMPLIANCE STATEMENT

Facility name:
Address:

Mr. Auto Wash of Manchester, Inc
344 Broad Street
Manchester, CT 06040

FEB 7 1996

WATER MGMT. BUREAU
PERMITTING, ENFORCEMENT &
REMEDATION DIVISION

In accordance with the directions in the above-referenced Notice, I certify that the noted violations have been corrected in the following manner:

1. violation number 1:

Submitted Application for Permit 2/6/96

[The following documentation is attached to demonstrate that violation number 1 has been corrected:]

2. violation number 2:

[The following documentation is attached to demonstrate that violation number 2 has been corrected:]

(Attach additional sheets as needed for additional violations)

Certification of Accuracy

I certify that the information in this Compliance Statement and its attachments is true, accurate and complete, and I understand that any false statement may be punishable as a criminal offense under Conn. Gen. Stat. §§22a-6 and 53a-157.

2/6/96
date
203-645-6767
telephone

Fred Bauer
(type name and title)
Fred Bauer
Signature

date

telephone

(type name and title)

Signature



DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Permit Processing Unit
79 Elm Street
Hartford, CT 06106-5127

DEPARTMENT OF ENVIRONMENTAL PROTECTION
CENTRAL FEES PROCESSING UNIT

Permit Application Transmittal Form

RECEIVED BY MAJ

DEP USE ONLY	
Document No.	
Rec'd CPPU	
Rec'd Program	

Please complete this transmittal form in accordance with the instructions in order to ensure the proper handling of your application(s) and the associated fee(s). Print legibly or type.

Part I: Applicant Information

Applicant: MR. AUTO WASH OF MANCHESTER, INC.

Company Name or, if applicant is an individual, write name in the following format:
Title (Mr, Ms, Dr) First Name Middle Initial Last Name Suffix (Jr, PE, PhD)

Mailing Address: 344 BROAD ST.

City/Town: MANCHESTER State: CT. Zip Code: 06040

Phone: (860) 645-6767 ext. Fax: 860 6456422

Contact Person: FRED BAUER Phone: (860) 645-6767 ext.

☐ Check if any co-applicants. If so, attach additional sheet(s) with the required information as supplied above.

Applicant Is a(n) (check one): ☐ individual ☒ company ☐ federal ☐ state ☐ municipal
If a Company, list company type (e.g., corporation, limited partnership, etc.) CORPORATION

Applicant Billing Address: 344 BROAD ST.

City/Town: MANCHESTER State: CT. Zip Code: 06040

Billing Contact Name: FRED BAUER Phone: (860) 645-6767 ext.

Part II: Project Information

MR. AUTO WASH OF MANCHESTER, INC.
344 BROAD STREET
MANCHESTER, CT 06040
(203) 645-6767

EXPLANATION	AMOUNT

51-7019/2119

1739

PAY
AMOUNT
OF

DATE 1/29/96 TO THE ORDER OF State of CT

GROSS PAYABLE GROSS DIRECT DISCOUNT CHECK NUMBER

50/100 1739

CHECK
AMOUNT

\$ 437.

MECHANICS SAVINGS BANK
MANCHESTER, CONNECTICUT 06040

11001739 12119701941 963 001 516

AGENCY USE ONLY

Application No. _____

Facility ID No. _____

Permit ID No. GVW

COMPLETE APPLICATION AND SUBMIT WITH:

- A. CERTIFICATION FORM VWT
- B. GRIT SEPARATOR SPECIFICATION SHEET
- C. MUNICIPAL APPROVAL FORM
- D. APPLICATION FEE PAYMENT OF \$437.50

TO: CT DEP/WATER - PERD

79 ELM STREET

HARTFORD, CT 06106-5127

ATTN: PERMIT COORDINATOR

Dep / WPC 077-175

GENERAL PERMIT APPLICATION FOR
CAR WASH WASTEWATER
(TYPE OR PRINT CLEARLY)

1. PURPOSE OF FORM:

APPLICATION FOR GENERAL PERMIT ☒

ADDITIONAL FACILITY ☐

2. APPLICANT:

NAME Mr. Auto Wash of Manchester, Inc. TELEPHONE 203-645-6767

MAILING ADDRESS 344 Broad St.

TOWN Manchester STATE C.T. ZIP 06040

LOCATION ADDRESS 344 Broad St.

TOWN Manchester STATE C.T. ZIP 06040

3. FACILITY INFORMATION:

NAME Mr. Auto Wash of Manchester, Inc. TELEPHONE 203-645-6767

MAILING ADDRESS 344 Broad St.

TOWN Manchester STATE C.T. ZIP 06040

LOCATION ADDRESS 344 Broad St.

TOWN Manchester STATE C.T. ZIP 06040

4. FACILITY OWNER INFORMATION:

NAME Leo Bedrock TELEPHONE 203-561-2310

MAILING ADDRESS 67 Vpland St Drive

TOWN West Hartford STATE C.T. ZIP 06107

LOCATION ADDRESS 344 Broad St.

TOWN Manchester STATE C.T. ZIP 06040

Submit After Installation of Treatment Facilities

Facility Name & Address:

Mr. Auto Wash of Manchester, Inc.
344 Broad St
Manchester, CT 06040

Application No: _____ (See Approval/Permit)

I HEREBY CERTIFY, UNDER PENALTY OF LAW, THAT THE COLLECTION AND TREATMENT FACILITIES, AS REQUIRED UNDER SECTION 22A-430-4(S)(3) OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES, HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPLICATION TO THE BEST OF MY KNOWLEDGE AFTER REASONABLE INVESTIGATION.

I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR IMPROPER INSTALLATION OF THESE FACILITIES AND FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

Fred Bauer
Signature of Applicant

2/6/96
Date

Mr. Fred Bauer
Type Name of Applicant

Signature of Professional Engineer

Date

Type Name of Professional Engineer

AGENCY USE ONLY

Professional Engineer's Stamp
renewal of
SP0000505
A.M. 2/3/95

Return to: ATTN: PERMIT COORDINATOR
CT DEP/Water Management Bureau
PERD
79 Elm Street
Hartford, CT 06106-5127

DISCHARGE OF CAR WASH WASTEWATER FROM THE ABOVE SITE IS AUTHORIZED UPON RECEIPT OF THIS CERTIFICATION FORM BEARING THE DEP AUTHORIZATION STAMP.



DEPARTMENT OF ENVIRONMENTAL PROTECTION



NOTICE OF VIOLATION

1-22-96

TO: Mr. Auto Wash

The purpose of this notice is to inform you of violations which have been found at your facility/property. Be aware that DEP may take action in the future to collect penalties for the violations listed below, and that if these violations are not corrected, penalties will continue to accrue. (See paragraph B.3 below.) In addition, this list is not necessarily all-inclusive. It is your responsibility to comply with all legal requirements whether or not the Department notifies you of a violation.

A. The Division of Permitting, Enforcement & Remediation, Bureau of Water Management, Department of Environmental Protection ("Department"), has found the following violations at your facility/property at 344 Broad Street, Manchester, CT:

1. On July 7, 1995, an inspection of your facility was conducted by the Department of Environmental Protection, Bureau of Water Management. Based upon that inspection, the Department found violations which include, but may not be limited to:

A. a. Discharged wastewater associated with car wash operations without a permit in violation of sections 22a-430 and 22a-430b of the Connecticut General Statutes. Permit no. SP0000505 expired on September 6, 1988 and no renewal application has been received.

Deadline for verifying to the Department that violation has been corrected.

You should immediately correct violation A.1.a., and within 30 days from the date of issuance of this notice submit a Compliance Statement on a form prescribed by the Department (copy enclosed) describing how the above violation has been corrected, and enclosing supporting documentation therefor. Until the Department has received such a statement, the Department will presume you continue to remain in violation. If received, the Department may consider this Compliance Statement when deciding whether to take an enforcement action concerning this violation.

B.1. Compliance Statement. The Compliance Statement shall be signed by a responsible corporate officer or a duly authorized representative of such person, as those terms are defined in section 22a-430-3(b)(2) of the Regulations of Connecticut State Agencies and by the individual responsible for actually preparing such statement, each of whom shall read and sign the

certification regarding false statements on the Compliance Statement. The Compliance Statement, and any questions, shall be directed to:

Colette Ready, Supervising Field Inspector
Department of Environmental Protection
Water Management Bureau
Permitting, Enforcement & Remediation Div.
79 Elm Street
Hartford, Connecticut 06106-5127
(203) 424-3018

A copy of the Compliance Statement and supporting documentation shall be directed to:

Mr. Michael Fedak
Environmental Engineer
U.S. Environmental Protection Agency - Region 1
Water Management Division (WCC)
JFK Federal Building
Boston, Massachusetts 02203

Within fifteen days of the date you become aware of a change in any information in the Compliance Statement, or that any information was inaccurate or misleading or that any relevant information was omitted, submit the correct or omitted information to the person identified above.

2. Other violations may exist; Legal obligations. This Notice does not necessarily specify all violations which may exist at your facility in this or other areas regulated by the Department. It is your responsibility to comply with all legal requirements regardless of whether the Department notifies you of any violation or takes any enforcement action against you. Nothing in this Notice relieves you of other obligations under applicable federal, state and local law. Your facility may be inspected again pursuant to law and without additional prior notice to determine compliance with state and federal law.
3. Penalties; Further enforcement action Civil penalties of up to \$25,000 may be sought for each of the above violations under Section 22a-438 of the Connecticut General Statutes, and such penalties apply for each day that the violations have existed and each day that they continue. Regardless of the issuance of this Notice, the Department may seek such penalties for any violation and may also issue an order, seek an injunction or take other legal action under Chapters 439 and 446k of the Connecticut General Statutes.

4. No assurance by Commissioner. No provision of this Notice and no action or inaction by the Commissioner shall be construed to constitute an assurance by the Commissioner that the corrective actions taken will result in compliance.

ISSUED THIS 22nd DAY OF January , 1996



Michael J. Harder
Director
Water Management Bureau
Permitting, Enforcement & Remediation Div.

DEP/WPC NO. 077-139
PERMIT NO. SP0000505

NOV REQUIRED:

YES

NO

COMPLAINT NUMBER:

295-179

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
COMPLAINT FORM
BUREAU OF WATER MANAGEMENT

TOWN: Manchester

DATE: 6-29-95

COMPLAINANT: See attached

TELEPHONE NUMBER: _____

LOCATION OF SITE: Mr. Auto Wash
Broad St

STATEMENT OF COMPLAINT

Company had permit - permit expired
no reapp. Submitted (per permit
table)

See attached letter from anonymous
complainant

344 Broad St.

body
WT RECEIVED BY

Ed Finger
COMPLAINT REFERRED TO

6-29-95
DATE

INVESTIGATION REPORT:

CONTACT NAME: Lee Couto - Manager PHONE: 645-6767

DESCRIPTION: (Include Diagram if Necessary)

- 1) Mr. Auto Wash is a full-service, fully Automatic car wash using Turtle Wax car wash products
- 2) Effluent discharge is to the Manchester municipal sewer after pretreatment by an oil-water separator
- 3) The oil-water separator has been serviced by M&Vac Services of North Haven.
- 4) The facility had a discharge permit that expired 9-06-88, no application has been received by DEP for renewal.
- 5) Mr. Couto was given a copy of the complaint statement; he was informed that a permit was necessary for effluent discharge.

RECEIVING STREAM: _____

WATERSHED: Connecticut River

ACTION TO BE TAKEN AND/OR NEEDED TO ALLEVIATE CONDITIONS:

NOV - DWOP Permit expired no renewal application made. Permit # SP0000505 (077-139) exp. 9-06-88

INVESTIGATED BY: Ed Finger

DATE(S): 7-07-95

**Emergency Response and Spill Prevention Division
Emergency Incident Report**

Case No.: 2003-06527

Staff Receiving Call: 205 COX, MICHAEL

Assigned To: 000 NO RESPONSE

Date Reported: 09/05/2003

Time Reported: 18:38

Date of Release: 09/05/2003

Time of Release: UNKNOWN

Town of Release: MANCHESTER

State of Release: CT

Location of Reported Release: 340 BROAD STREET

Reported By: SGT BEELER

Phone: (860) 841-5333

Representing: PD

Responsible Party:

Phone:

Street Address:

Town:

State:

Zip Code:

Does the Responsible Party Accept Financial Responsibility?

Release Type: BUILDING MATERIALS

Release Substance: BUILDING MATERIALS

Media: SURFACE WATER

Total Quantity:

0 Gallons

0 Cubic Yards

0 Cubic Feet

0 Drums

0 Pounds

Emergency Measures: detained subject dumping sheet rock and building materials into brook behind the Manchester
Parcade area TOWN REQUIRED TO REMOVE MATERIALS B Y P.D.

Has the Release Been Terminated?: YES

Type of Waterbody Affected: STREAM/BROOK

Name of Waterbody Affected: BIGELOW BROOK

Total Quantity Recovered: 0

Total Quantity in Water: 0

Corrective Actions Taken: SUBJECT DETAINED

Discharge Class: PRIVATE

Cause of Incident: DUMPING

Agencies Notified: DEP DISPATCH

LOCAL POLICE

Status: CLOSED

**Emergency Response and Spill Prevention Division
Emergency Incident Report**

Case No.: 2008-06574

Staff Receiving Call: 205 COX, MICHAEL

Assigned To: 938 SCALORA, RICH

Date Reported: 10/16/2008

Time Reported: 11:38

Date of Release: 10/16/2008

Time of Release: UNKNOWN

Town of Release: MANCHESTER

State of Release: CT

Location of Reported Release: 340 BROAD STREET, MANCHESTER PARKADE

Reported By: KEN HINES

Phone: (860) 250-1926

Representing: CL&P

Responsible Party: SAA

Phone:

Street Address:

Town:

State:

Zip Code:

Does the Responsible Party Accept Financial Responsibility? YES

Release Type: DIELECT

Release Substance: TRANSFORMER OIL

Media: PAVEMENT

GROUND SURFACE

Total Quantity: ~30 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures: ESI RETAINED

Has the Release Been Terminated?: YES

Type of Waterbody Affected: NONE

Name of Waterbody Affected: N/A

Total Quantity Recovered: 0

Total Quantity in Water: 0

Corrective Actions Taken: REMOVING SOIL AND ESI TO EXCAVATE CONTRACTED

Discharge Class: UTILITY

Cause of Incident: TRANS/CAPAC.

Agencies Notified: DEP DISPATCH

Status: CLOSED



Connecticut Department Of Environmental Protection
Bureau of Materials Management & Compliance Assurance
Emergency Response and Spill Prevention Division – Emergency Response Unit
79 Elm Street
Hartford, CT 06106

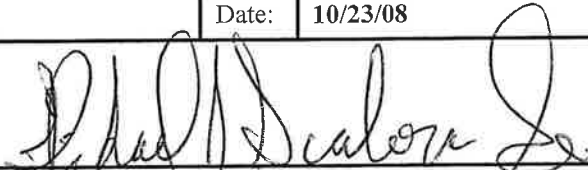
1/15/2007

EMERGENCY INCIDENT FIELD REPORT

INCIDENT INFORMATION							
Case #:	08-06574	Date Reported:	10/16/08	Time Reported:	1138 Hrs	Assigned By:	SERC 937
Reported by:	CL&P Dispatch	Representing:	CL&P	Phone #(s)	860-280-2321		
Assigned to:	938	Additional ERC's On-scene:					
Location of Reported Release:							
Address:	340 Broad St			Town, ST Zip	Manchester Ct, 06040		
Property Owner:							
Name 1:	Manchester Parkade						
Address:	340 Broad St			Town, ST Zip	Manchester Ct, 06040		
Phone #(s):				Contact Name:			
Did the release affect more than one property? If yes, complete next section:							
Name 2:	N/A						
Address:				Town, ST Zip			
Phone #(s):				Contact Name:			
Name 3:	N/A						
Address:				Town, ST Zip			
Phone #(s):				Contact Name:			
Responsible Party Information							
Is the Responsible Party Known?	Yes	If "No", explain in Narrative section of this report					
RP:	Connecticut Light And Power Co.						
Address:	107 Seldon St			Town, ST Zip	Hartford Ct, 06106		
Phone #(s):	860-280-2321			Contact Name:			
Financial Responsibility Accepted?	Yes	Date accepted:	10/16/08	Time Accepted:	1130 Hrs		
Responsibility Accepted or Denied by Whom:	CL&P						
Release Information							
Release Substance:	Dielectric Fluid Non PCB						
Date of Release:	Unknown			Time of Release:	Unknown		
Release Status On Arrival:	Historic		On-going				
	Terminated	X	No Release				
	Other: (Explain)						

Quantity of Release:	30	Gallons	X	Pounds		Tons		Ounces	
		CuYd		Cu Feet		55 gal Drums		Containers	
		Other (explain)							
Media Affected:	Air			Ground Soil		X			
	Ground Surface		X	Ground Water					
	Surface Water			Inside Structure					
	Contained to Container			Other (explain)					
Water Body Affected:	None		X	River			Pond		
	Brook/Stream			LIS			Catch Basin		
	Ground Water			Sanitary			Floor Drain		
	Drywell			Other Explain					
Name of Water Body Affected:		N/A							
Product Recovery:	Total Quantity Recovered:				30 Gallons				
	Total Quantity in Water Body:				N/A				
	Quantity Recovered from Water Body:				N/A				
FOSC Coordination									
Is this an OPA-90 Case?			No	Is the Release Threatening or Impacting a Navigable Waterway?				No	
Describe Nexus:									
NRC Dispatcher				NRC #			Date:		Time:
FOSC:	USEPA				Date:			Time:	
	USCG				Date:			Time:	
Federal Coordination indicating actions taken are consistent with the National Contingency Plan is attached:							Yes		No
Transportation Information									
Transportation Incident? Y/N		No							
Type:			State	Registration				State	Registration
	Tractor					Trailer			
	Passenger Vehicle					Vessel			
	Straight Truck					Other, Explain			
VIN:									
Commercial Vehicle		ICC #:				MCC#:			
		USDOT#:							
Vehicle Owner:		N/A							
Address:						Town, ST Zip			
Phone #(s):						Contact Name:			
Vehicle Operator:		N/A				Drivers License Number:			
Address:						Town, ST Zip			
Phone #(s):									
CSP Press Release Report Attached: Y/N			No	Trooper's Name & Badge #:			N/A		
If no, Explain:		No state police involvement.							

Environmental Clean-Up Contractor Information									
State Licensed Contractor Retained Y/N?				Yes					
Name of Contractor Retained:				Environmental Services Inc.					
Hired by Whom (Who actually called the contractor):				CL&P					
Date & Time Requested:		10/16/08 @ 1100 Hrs			Date & Time Arrived:		10/16/08 @ 1145 Hrs		
Mitigation Equipment		Sea / Sorbent Boom			Sorbent Pads			Sweeper	
		# of Vac Trucks		1	Speedy Dry		X	Level A	
		Boat			Hand Tools			Level B	
		Overpack/Drums			Roll-Off		X	Level C	
		Excavation Equipment		X	Other				
Agencies Involved And Reports Available									
Agencies Involved			On Scene	Report		On Scene	Report		
		Local FD			Local FMO				
		Local PD	X		State FMO				
		CSP			FBI				
		Local Health			State Health				
		EPA			USCG				
		Consultant (Name)							
Other DEP employees on-scene (name & phone #):									
Evidence Available On This Incident									
Photographs of Scene? Y/N		Yes	Taken by:	ERC I 938	Submitted? Y/N		Yes		
Video Tape of Scene? Y/N		No	Taken by:	N/A	Submitted? Y/N		No		
Sketch of Scene Submitted Y/N		No	Invoice Submitted Y/N	No	Map of Scene Submitted Y/N		Yes		
Samples		Samples Taken? Y/N		Yes	Taken By:		CL&P		
		Analytical Results Attached? Y/N		No	Date Taken:		10/16/08		
		Laboratory Performing Analysis?		CL&P Berlin Lab		Chain Of Custody? Y/N		No	
		Split Samples: Y/N		No	Spilt With Whom:		N/A		
		Analysis Required:		PCB by method 8082					
Cost Recovery Information									
Spill Fund Authorized? Y/N		No	Authorized by:	N/A	Date & Time:	N/A	Release Letter Received:		
Whom did you give the "RP Handout" to?									
Was there a witness? Y/N		No	If yes, Name & Phone # of Witness(s):						
Whom did you Fax the "RP Handout" to						Fax Transmission Submitted Y/N			
Explain any statements made by RP as to the assumption of responsibility:									
Explain efforts by DEP to have RP perform clean up (include dates, times, DEP staff, party contacted, witness(s) if any):									
Do you know of any violations, negligence, or intentional acts that may have contributed to this incident?							No	If yes, Explain:	

ERU Internal Safety And Health Critique			
Were there any Safety &/or Health problems encountered during the response? Y/N		No	If yes, notify your Supervisor ASAP.
Case Status Of Incident			
Case Open? Yes / No	No	Case Closed? Date Closed:	10/16/08
Case Referred?	No	If yes, to which program(s)?	
Date that the on-scene work completed:			10/16/08
Report Author:	Richard J. Scalora	Date:	10/23/08
Signature of Case Emergency Response Coordinator: 			

FIELD REPORT NARRATIVE:

Not to scale north

This inspector was assigned to investigate a spill from a pad mounted transformer located in the rear of the above referenced location.

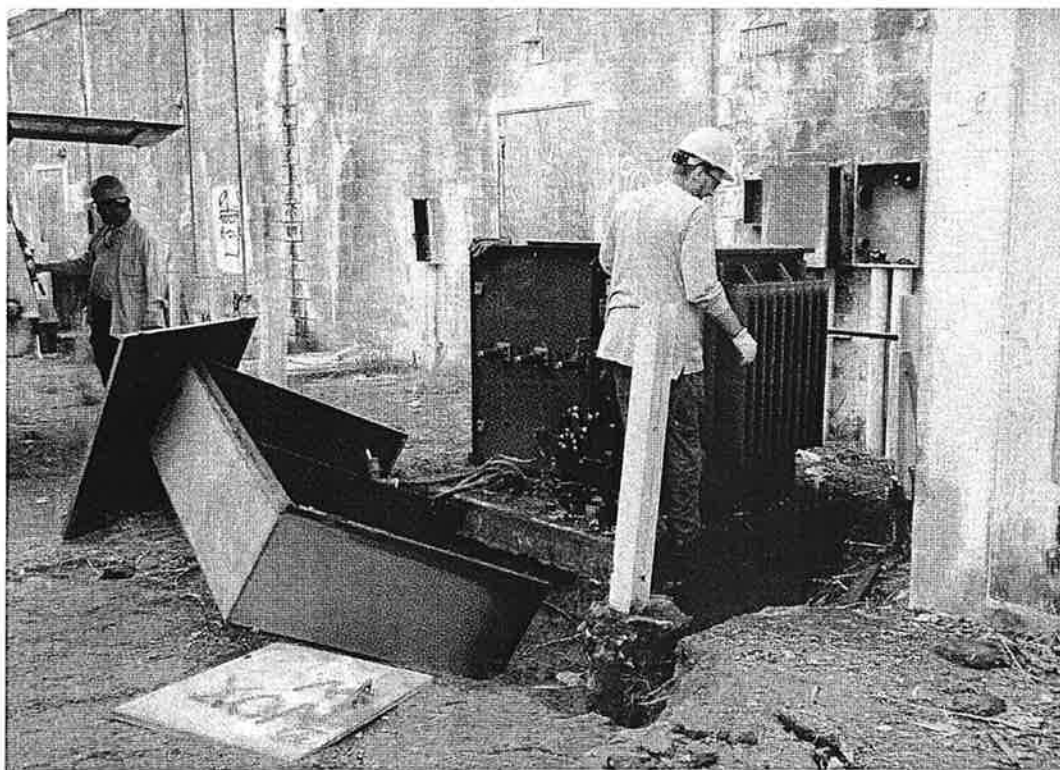
The transformer had been vandalized at an undetermined time for the cooper wire attached to the transformer. One of the bushings on the transformer was damaged and started to leak oil into the cabinet and onto the ground around the transformer.

CL&P contracted Environmental Services Inc. to respond and perform the clean-up of the spilled oil. ESI used a Bobcat to excavate the soil around the transformer and loaded all material into a roll off can staged on site. A supervac was used to excavate the areas around the transformer that could not be accessed with the Bobcat.

CL&P sent an oil sample to their lab for analytical, the sample came back non -detect for PCB content.

ESI removed app. 15 yards of material for later disposal. At this time this case will be considered closed with the Emergency Response Unit of the CT DEP.

Photographs of the Incident - Case # 2008-06155



Picture # 1 of 2
Taken By: ERC I 938
Date: 10/16/08
Description:
CL&P crew
dismantling
transformer to pump
out oil. ESI already
removed soil and
asphalt impacted by
spill.



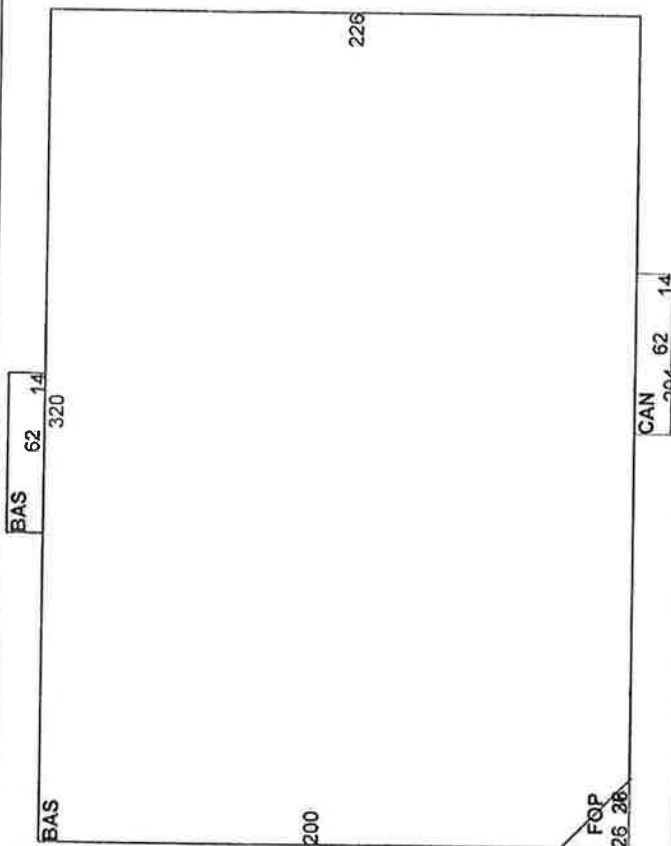
Picture # 2 of 2
Taken By: ERC I 938
Date: 10/16/08
Description:
Area restored
with process stone after
clean up.

CONSTRUCTION DETAIL (CONTINUED)

Element	Cd.	Ch. Description	Element	Cd.	Ch. Description
Style	22	Discount/Super			
Model	94	Comm/Ind			
Grade	03	Average			
Stories	1				
Occupancy	1				
Exterior Wall 1	20	Brick/Masonry			
Exterior Wall 2					
Roof Structure	01	Flat			
Roof Cover	04	Tar + Gravel			
Interior Wall 1	01	Minim/Masonry			
Interior Wall 2	05	Drywall/Sheetr			
Interior Floor 1	05	Tile/Vinyl Cmp			
Interior Floor 2					
Heating Fuel	03	Gas			
Heating Type	04	Forced Air-Duc			
AC Type	03	Central			
Bldg Use	200	Commercial 94			
Total Rooms	00				
Total Bedrms	0				
Total Baths	0				
Heat/AC	01	Heat/AC Packag			
Frame Type	03	Masonry			
Baths/Plumbing	02	Average			
Ceiling/Wall	06	Ceiling & Wall			
Rooms/Ptns	02	Average			
Wall Height	18				
% Conn Wall	0				

OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)									
Code	Description	Sub	Sub Description	L/B	Units	Unit Price	Yr	Gde	Dp Rt Cnd
PAV1	Paving Asphalt			L	50,000	1.60	2000	0	20
FN2	Fence 5' Chain			L	250	11.00	2000	0	50
LT10	Lights 3 Fix			L	2	2,000.00	2000	0	40
SPR1	Sprinklers-Wet			B	72.85	1.50	1978	1	5

BUILDING SUB-AREA SUMMARY SECTION									
Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost	Undeprc. Value			
BAS	First Floor	72,850	72,850	868	96.27	7,013,270			
CAN	Canopy	0	0	338	19.30	16,751			
FOP	Porch, Open	0	0		24.21	8,183			
Ttl. Gross Liv/Lease Area:		72,850	74,056			7,038,204			



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MBLU : 61/ 730/ 330/ / /

Location: 330 BROAD STREET

Account Number: 073000330

Parcel Value

Item	Appraised Value	Assessed Value
Buildings	12,200	8,500
Xtra Bldg Features	300	200
Outbuildings	1,800	1,270
Land	635,700	444,900
Total:	650,000	454,870

Ownership History

Book/Page	Sale Date	Sale Price
2853/ 102	4/15/2004	0
2375/ 075	12/31/2001	0
797/ 023	12/30/1981	545,600

Land Use

Land Use Code	Land Use Description
200	Commercial 94

Land Line Valuation

Size	Zone	Appraised Value	Assessed Value
4.03 AC	GB	635,700	444,900

Construction Detail

Building # 1		
STYLE Shop Center RE	Exterior Wall 1 Brick/Masonry	Exterior Wall 2 Concr/Cinder
Roof Structure Flat	Roof Cover Tar + Gravel	Interior Wall 1 Minim/Masonry
Interior Wall 2 Drywall/Sheetr	Interior Floor 1 Tile/Vinyl Cmp	Interior Floor 2 Carpet
Heating Fuel Gas	Heating Type Forced Air-Duc	AC Type Central

Building Valuation

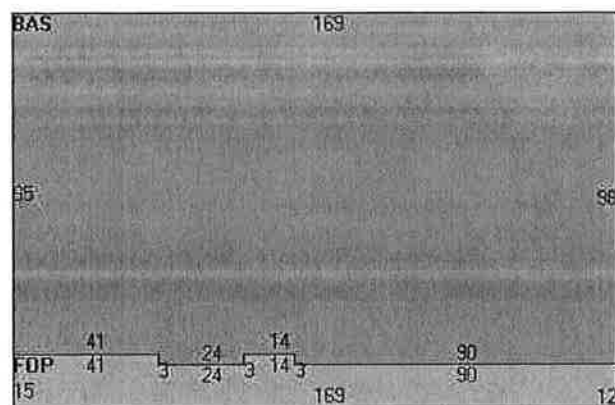
Living Area: 16,397 square feet	Replacement Cost: 1,242,061	Year Built: 1969
Depreciation: 83%	Building Value: 12,200	

Extra Features

Code	Description	Units	Appraised Value
SPR1	Sprinklers-Wet	1000 S.F.	300

Outbuildings

Code	Description	Units	Appraised Value
PAV1	Paving Asphalt	20000 S.F.	1600
LT10	Lights 3 Fix	2 UNITS	200

Building Sketch**Subarea Summary**

Code	Description	Gross Area	Living Area
BAS	First Floor	16397	16397
FOP	Porch, Open	2193	0

CURRENT OWNER FNM MANCHESTER LLC C/O BERENSON ASSOCIATES 1 EXETER PLAZA 10TH FLR BOSTON, MA 02116 Additional Owners:		TOPO. 1 Level 1 All Public		UTILITIES 1 Paved		STRT./ROAD 1 Paved		LOCATION		CURRENT ASSESSMENT Description COMMERCCL COMMERCCL COMMERCCL Code 200 200 200 Assessed Value 327,100 644,700 78,200 Assessed Value 229,000 451,200 55,000		6077 MANCHESTER, CT													
SUPPLEMENTAL DATA Other ID: Major Use St-Dir District Nbhd Call Back GIS ID: 073000334 2 T 000200 C PHOTO REI COFC NBHDTYPE 02 Census Tract 5145 ASSOC PID#										VISION															
RECORD OF OWNERSHIP FNM MANCHESTER LLC FNM ASSOCIATES LLC WILDER JOEL B TR & ETALS										BK-VOL/PAGE 2853/ 102 2375/ 075 797/ 023		SALE DATE 04/15/2004 12/31/2001 12/30/1981		SALE PRICE V.C. 33 33 1,000,300		PREVIOUS ASSESSMENTS (HISTORY) Yr. Code Assessed Value Yr. Code Assessed Value 2006 200 630,600/2005 200 352,400/2000 200 1,415,100 2006 200 451,200/2005 200 351,100/2000 200 534,100 2006 200 106,800/2005 200 66,200/2000 200 57,500 Total: 1,050,000 735,200									
EXEMPTIONS Year Type Description Amount Code Description Number Amount Comm. Intl.										OTHER ASSESSMENTS Total: 1,188,600 769,700 2,006,700		This signature acknowledges a visit by a Data Collector or Assessor													
ASSESSING NEIGHBORHOOD NBHD/ SUB NBHD NAME STREET INDEX NAME TRACING BATCH 6000/A										APPRAISED VALUE SUMMARY Appraised Bldg. Value (Card) 323,300 Appraised XF (B) Value (Bldg) 3,800 Appraised OB (L) Value (Bldg) 78,200 Appraised Land Value (Bldg) 644,700 Special Land Value 0 Total Appraised Parcel Value 1,050,000 Valuation Method: C Adjustment: 0 Net Total Appraised Parcel Value 1,050,000															
BLDG VACANT SEE ORIGINAL CARD FOR MORE INFORMATION 2006 BAA- NO CHANGE 1/2008- INPUT CC PER STIPULATED JUDGMENT (CV-07-4014391S) (JR)										NOTES															
BUILDING PERMIT RECORD Permit ID Issue Date Type Description Amount Insp. Date % Comp. Date Comp. Comments 03-1566 02/19/2003 EL Electric 5,000 04/22/2003 100 04/22/2003 ALARM,CAMERA										VISIT/ CHANGE HISTORY Date Type IS ID Cd Purpose/Result 12/26/2006 JL 40 Hearing No Change 4/22/2003 JR 51 Field review 12/18/2000 RR 41 Hearing Change 1/28/2000 KL 04 Measur/Vac/Boarded up															
LAND LINE VALUATION SECTION B Use Code Use Description Zone D Frontage Depth Units Unit Price 1 2001 Commercial 96 GB 1.00 AC 168,000.00 1 200 Commercial 94 GB 2.00 AC 168,000.00 1 200 Commercial 94 GB 1.33 AC 20,000.00										Acres I. Factor S.A. Disc 1.00 C 1.0000 1.00 0 1.0000 1.00 0 1.0000		C. Factor 0.80 5800 0.80 5800 1.00 5800		ST. Idx 1.50 1.50 1.50		Adj. 1.50 1.50 1.50		Notes- Adj SITE EXCESS		Special Pricing		Adj. Unit Price		Land Value 201,600 403,200 39,900	
Total Card Land Units:										4.33 AC		Parcel Total Land Area: 4.33 AC		Total Land Value:		644,700									

CONSTRUCTION DETAIL			CONSTRUCTION DETAIL (CONTINUED)		
Element	Cd	Ch. Description	Element	Cd	Ch. Description
Style	15	Shop Center RE			
Model	96	Ind/Comm			
Grade	02	Below Average			
Stories	1				
Occupancy	12				
Exterior Wall 1	20	Brick/Masonry			
Exterior Wall 2	15	Concr/Cinder			
Roof Structure	01	Flat			
Roof Cover	04	Tar + Gravel			
Interior Wall 1	01	Minim/Masonry			
Interior Wall 2	05	Drywall/Sheetr			
Interior Floor 1	05	Tile/Vinyl Cmp			
Interior Floor 2	14	Carpet			
Heating Fuel	03	Gas			
Heating Type	04	Forced Air-Duc			
AC Type	03	Central			
Bldg Use	2001	Commercial 96			
Total Rooms	00				
Total Bedrms	0				
Total Baths	0				
Heat/AC	02	Heat AC Split			
Frame Type	03	Masonry			
Baths/Plumbing	02	Average			
Ceiling/Wall	06	Ceiling & Wall			
Rooms/Prtns	02	Average			
Wall Height	14				
% Conn Wall	0				
OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)					
Code	Description	Sub Descrpt	LB Units	Unit Price	Nr
PAV1	Paving Asphalt		L	138,001.60	2000
LT10	Lights 3 Fix		L	20,000.00	2000
SPR1	Sprinklers-Wet		B	50,051.50	1973
BUILDING SUB-AREA SUMMARY SECTION					
Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost
BAS	First Floor	50,056	50,056	50,056	78.35
FOP	Porch, Open	0	0	4,836	19.59
UEP	Porch, Enclosed, Unfinished	0	0	80	39.17
Ttl. Gross Liv/Lense Area:			50,056	54,972	4,019,670

18

10

40

298

154

154

224

220

322

26

8

6

20

88

88

14

FOP

44

UEP

18

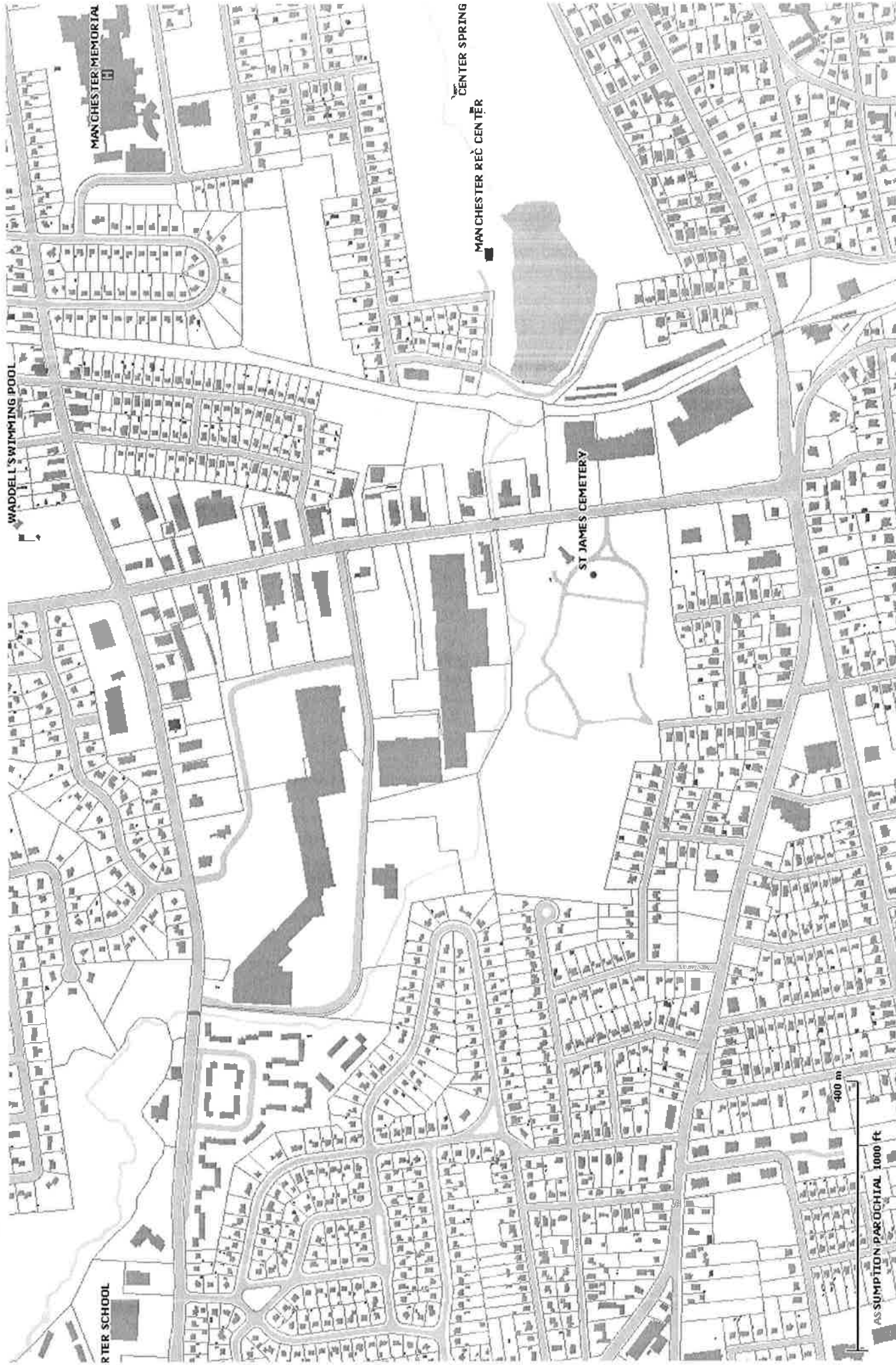
BAS

CURRENT OWNER FNM MANCHESTER LLC C/O BERENSON ASSOCIATES 1 EXETER PLAZA 10 TH FLR BOSTON, MA 02116 Additional Owners:		TOPO. 1 Level		UTILITIES 1 All Public		STRT./ROAD 1 Paved		LOCATION		CURRENT ASSESSMENT Description COMMERCIAL COMMERCIAL COMMERCIAL Code 200 200 200 Assessed Value 2,286,600 1,415,200 48,200 Assessed Value 1,600,600 990,600 33,820		6077 MANCHESTER, CT					
SUPPLEMENTAL DATA Other ID: Major Use 2 St-Dir District T Nbhd 000200 Call Back C GIS ID: 073000340 PHOTO RET COFC NBHDTYPE 02 Census Tract 5145 ASSOC PID#										VISION							
RECORD OF OWNERSHIP FNM MANCHESTER LLC FNM ASSOCIATES LLC WILDER JOEL B TR & ETALS										BK-VOL/PAGE 2853/ 102 2375/ 075 797/ 023		SALE DATE 04/15/2004 12/31/2001 12/30/1981		SALE PRICE V.C. 33 33 1,409,500		PREVIOUS ASSESSMENTS (HISTORY) Yr. Code Assessed Value Yr. Code Assessed Value 2006 200 2,065,200 2005 200 1,921,500 2006 200 990,600 2005 200 679,400 2006 200 79,000 2005 200 45,700 Total: 3,134,800 Total: 2,646,600 Total: 4,004,100	
EXEMPTIONS Year Type Description Amount Code Description Number Amount Comm. Int.										OTHER ASSESSMENTS		APPRAISED VALUE SUMMARY Appraised Bldg. Value (Card) 2,238,200 Appraised XF (B) Value (Bldg) 48,400 Appraised OB (L) Value (Bldg) 48,200 Appraised Land Value (Bldg) 1,415,200 Special Land Value 0 Total Appraised Parcel Value 3,750,000 Valuation Method: C Adjustment: 0 Net Total Appraised Parcel Value 3,750,000					
ASSESSING NEIGHBORHOOD NBHD/SUB 6000/A STREET INDEX NAME TRACING BATCH NOTES										ASSESSING NEIGHBORHOOD		VISIT/CHANGE HISTORY Permit ID Issue Date Type Description Amount Insp. Date % Comp. Date Comp. Comments 04-2729 05/24/2004 EL Electric 1,000 08/09/2004 100 08/09/2004 ELEC FOR CARNIVAL 12/26/2006 40 Hearing No Change 8/9/2004 51 Field review 12/18/2000 41 Hearing Change 1/28/2000 00 Measured & Listed					
LAND LINE VALUATION SECTION B Use Code Use Description Zone D Frontage Depth Units Unit Price 1 200 Commercial 96 GB 1.00 AC 168,000.00 1 200 Commercial 94 GB 6.02 AC 168,000.00										LAND LINE VALUATION SECTION		LAND LINE VALUATION SECTION Acres Disc I. Factor S.A. C. Factor ST. Idx Adj. Notes- Adj. Special Pricing Adj. Unit Price Land Value 1.0000 1.00 C 0.80 5800 1.50 1.0000 1.00 0 0.80 5800 1.50 SITE Total Card Land Units: 7.02 AC Parcel Total Land Area: 7.02 AC Total Land Value: 1,415,200					

CONSTRUCTION DETAIL				CONSTRUCTION DETAIL (CONTINUED)			
Element	Cd.	Ch. Description	Element	Cd.	Ch. Description		
Style	93	Disc Retail					
Model	96	Ind/Comm					
Grade	02	Below Average					
Stories	1						
Occupancy	2						
Exterior Wall 1	20	Brick/Masonry					
Exterior Wall 2	15	Concr/Cinder					
Roof Structure	01	Flat					
Roof Cover	04	Tar + Gravel					
Interior Wall 1	01	Minim/Masonry					
Interior Wall 2	05	Drywall/Sheetr					
Interior Floor 1	14	Carpet					
Interior Floor 2	05	Tile/Vinyl Cmp					
Heating Fuel	03	Gas					
Heating Type	04	Forced Air-Duc					
AC Type	03	Central					
Bldg Use	2001	Commercial 96					
Total Rooms	00						
Total Bedrms	0						
Total Baths	0						
Heat/AC	02	Heat AC Split					
Frame Type	03	Masonry					
Baths/Plumbing	02	Average					
Ceiling/Wall	05	Susp Cell & W1					
Rooms/Ptns	02	Average					
Wall Height	20						
% Conn Wall	0						
OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)				OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)			
Code	Description	Sub	Sub Description	Unit Price	Yr	Gde	Dp Rl
PAV1	Paving Asphalt	L	148.01	1.60	2000	0	46
LT10	Lights 3 Fix	L	4	2,000.00	2000	0	50
SPR1	Sprinklers-Wet	B	119.4	1.50	1973	1	45
BUILDING SUB-AREA SUMMARY SECTION				BUILDING SUB-AREA SUMMARY SECTION			
Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost	Undeprec. Value	
BAS	First Floor	119,472	119,472	119,472	89.14	10,650,152	
FOP	Porch, Open	0	4,368	4,368	22.29	97,345	
Tot. Gross Liv/Lease Area:		119,472	123,840			10,747,497	

Flex Viewer

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Flex Viewer

Powered by ArcGIS Server



APPENDIX F
ENVIRONMENTAL DATABASE REPORT & SUPPLEMENTAL EDR REPORTS

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

Target Property: MANCHESTER PARKADE PARCEL

334 BROAD ST

MANCHESTER CT 06040

Job Number: 05.P000408.11

PREPARED FOR:

GZA GeoEnvironmental, Inc.

655 Winding Brook Drive, Suite 402

Glastonbury, CT 06033

01-17-11



Tel: (781) 551-0470

Fax: (781) 551-0471

Environmental FirstSearch Search Summary Report

Target Site: 334 BROAD ST
MANCHESTER CT 06040

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	10-21-10	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	10-21-10	0.50	0	0	0	0	-	0	0
CERCLIS	Y	11-30-10	0.50	0	1	0	0	-	0	1
NFRAP	Y	11-30-10	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	11-10-10	1.00	0	0	0	0	1	0	1
RCRA TSD	Y	11-10-10	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	11-10-10	0.25	0	3	5	-	-	0	8
RCRA NLR	Y	11-10-10	0.25	0	3	0	-	-	1	4
Federal Brownfield	Y	12-10-10	0.50	0	0	0	0	-	0	0
ERNS	Y	10-21-10	0.15	0	3	0	-	-	0	3
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	1	1
State/Tribal Sites	Y	04-23-10	1.00	0	1	3	4	18	0	26
State Spills 90	Y	11-18-10	0.25	9	31	105	-	-	65	210
State/Tribal SWL	Y	12-16-09	0.50	0	0	0	0	-	1	1
State/Tribal LUST	Y	11-30-10	0.50	0	2	4	9	-	11	26
State/Tribal UST/AST	Y	10-01-10	0.25	2	5	6	-	-	0	13
State/Tribal EC	Y	NA	0.50	0	0	0	0	-	0	0
State/Tribal IC	Y	01-01-05	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	04-23-10	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	05-01-08	0.50	0	0	0	0	-	0	0
State Other	Y	04-23-10	0.25	0	1	5	-	-	3	9
Federal IC/EC	Y	11-04-10	0.50	0	0	0	0	-	0	0
- TOTALS -				11	50	128	13	19	82	303

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

***Environmental FirstSearch
Site Information Report***

Request Date: 01-17-11
Requestor Name: Benjamin Graham
Standard: AAI

Search Type: AREA
0.03 sq mile(s)
Job Number: 05.P000408.11
Filtered Report

Target Site: 334 BROAD ST
MANCHESTER CT 06040

Demographics

Sites: 303	Non-Geocoded: 82	Population: NA
Radon: 0 - 4.1 PCI/L		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
Longitude:	-72.536762	-72:32:12	Easting:	704720.681
Latitude:	41.777735	41:46:40	Northing:	4627818.529
Elevation:	N/A		Zone:	18

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 0.25 Mile(s)

Services:

ZIP				
Code	City Name	ST	Dist/Dir	Sel
06042	MANCHESTER	CT	0.15 NW	Y

	Requested?	Date
Fire Insurance Maps	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch

Sites Summary Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

TOTAL: 303 **GEOCODED:** 221 **NON GEOCODED:** 82 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
1	SPILLS	200705632/CLOSED	308 BROAD ST MANCHESTER CT 06040	0.00 --	N/A	1
1	SPILLS	M.V.A 200003607/CLOSED	308 BROAD ST MANCHESTER CT 06040	0.00 --	N/A	2
2	SPILLS	95114/CLOSED	344 BROAD ST MANCHESTER CT 06040	0.00 --	N/A	4
2	UST	MR. AUTO WASH 01241/PERMANENTLY CLOSED	344 BROAD ST MANCHESTER CT 06040	0.00 --	N/A	5
2	SPILLS	MISTER AUTO WASH 953430/CLOSED	344 BROAD ST MANCHESTER CT 06040	0.00 --	N/A	7
3	SPILLS	MVA 200502381/CLOSED	324 BROAD ST MANCHESTER CT 06040	0.00 --	N/A	8
4	SPILLS	200306527/CLOSED	340 BROAD ST MANCHESTER CT 06040	0.00 --	N/A	9
4	SPILLS	SAA 200806574/CLOSED	340 BROAD ST MANCHESTER CT 06040	0.00 --	N/A	10
5	SPILLS	200104332/CLOSED	314 BROAD ST MANCHESTER CT 06040	0.00 --	N/A	11
6	SPILLS	200806700/CLOSED	304 BROAD ST MANCHESTER CT 06040	0.00 --	N/A	12
7	UST	SEAR S AUTOMOTIVE 01126/PERMANENTLY CLOSED	BROAD ST MANCHESTER CT 06040	0.00 --	N/A	14
8	OTHER	STOP and SHOP ERRAND EXPRESS CTOT-0410-58/PTP	286 BROAD ST MANCHESTER CT 06040	0.01 NE	N/A	15
8	SPILLS	STOP and SHOP, INC 912760/CLOSED	286 BROAD ST MANCHESTER CT 06040	0.01 NE	N/A	17
8	SPILLS	SAME 9704168/CLOSED	286 BROAD ST MANCHESTER CT 06040	0.01 NE	N/A	18
8	SPILLS	200508033/CLOSED	286 BROAD ST MANCHESTER CT 06040	0.01 NE	N/A	19
8	ERNS	STOP and SHOP 411473/HIGHWAY RELATED	286 BROAD ST MANCHESTER CT 06040	0.01 NE	N/A	20
8	ERNS	STOP and SHOP D50420/HIGHWAY	300 MONTOWESE POB 333 AVE MANCHESTER CT 06040	0.01 NE	N/A	21
8	SPILLS	200405040/CLOSED	286 BROAD ST MANCHESTER CT 06040	0.01 NE	N/A	22
8	RCRAGN	STOP and SHOP CT5000001990/SGN	286 BROAD ST MANCHESTER CT 06040	0.01 NE	N/A	23
8	SPILLS	95363/OPEN	286 BROAD ST MANCHESTER CT 06040	0.01 NE	N/A	25
8	SPILLS	200604129/CLOSED	286 BROAD ST MANCHESTER CT 06040	0.01 NE	N/A	26

Environmental FirstSearch

Sites Summary Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

TOTAL: 303 **GEOCODED:** 221 **NON GEOCODED:** 82 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
9	STATE	ABILITY MACHINE and TOOL CO 219/INVENTORY	315 BROAD ST MANCHESTER CT 06040	0.02 NE	N/A	28
9	LUST	JIFFY LUBE 1300-1302/NO	315 BROAD ST MANCHESTER CT 06040	0.02 NE	N/A	29
9	LUST	JIFFY LUBE 29834/INVESTIGATION	315 BROAD ST MANCHESTER CT 06040	0.02 NE	N/A	30
9	CERCLIS	ABLILITY MACHINE and TOOL COMP CTD983869074/NOT PROPOSED	315 BROAD ST MANCHESTER CT 06040	0.02 NE	N/A	31
9	RCRANLR	ECONOMY OIL CHANGE INC CTD983875758/NLR	315 BROAD ST MANCHESTER CT 06040	0.02 NE	N/A	32
9	SPILLS	200200601/CLOSED	315 BROAD ST MANCHESTER CT 06040	0.02 NE	N/A	33
9	SPILLS	BOLAND BROTHERS OIL 912172/CLOSED	315 BROAD ST MANCHESTER CT 06040	0.02 NE	N/A	35
10	SPILLS	MONROE MUFFLER 200601293/CLOSED	325 BROAD ST MANCHESTER CT 06040	0.02 NE	N/A	36
10	UST	CAPITOL TIRE CO 01264/PERMANENTLY CLOSED	325 BROAD ST MANCHESTER CT 06040	0.02 NE	N/A	36
11	SPILLS	BRUCE SIMINS HARTFORD DISPENSI 200905335/CLOSED	331 BROAD ST MANCHESTER CT 06040	0.03 NE	N/A	37
11	SPILLS	MVA 200400660/CLOSED	331 BROAD ST MANCHESTER CT 06040	0.03 NE	N/A	38
12	SPILLS	M/V 200201782/CLOSED	364 MIDDLE TPKE W MANCHESTER CT 06040	0.04 NW	N/A	39
12	UST	DandL STORE MANCHESTER PARKADE 01125/CURRENTLY IN USE	364 MIDDLE TPKE W MANCHESTER CT 06040	0.04 NW	N/A	40
13	SPILLS	MEINEKE MUFFLER 200706039/CLOSED	290 BROAD ST MANCHESTER CT 06040	0.04 NE	N/A	41
14	SPILLS	SILKTOWN ROOFING- FIRESTONE BU 200506799/CLOSED	BROAD ST and GREEN MANOR BL MANCHESTER CT 06040	0.04 NE	N/A	42
14	SPILLS	9901628/CLOSED	BROAD ST and GREEN MANOR BL MANCHESTER CT 06040	0.04 NE	N/A	43
14	SPILLS	TOWN OF MANCHESTER 9803007/CLOSED	BROAD ST and GREEN MANOR BL MANCHESTER CT 06040	0.04 NE	N/A	44
15	SPILLS	UNKNOWN 9806635/CLOSED	299 BROAD ST MANCHESTER CT 06040	0.04 NE	N/A	45
16	SPILLS	200201253/CLOSED	352 MIDDLE TPKE W MANCHESTER CT 06040	0.04 NW	N/A	46
17	SPILLS	SAA 200001483/CLOSED	357 BROAD ST MANCHESTER CT 06040	0.05 SE	N/A	48

Environmental FirstSearch

Sites Summary Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

TOTAL: 303 **GEOCODED:** 221 **NON GEOCODED:** 82 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
17	UST	BERMAN AND BERGEN TIRE CENTERS 09579/PERMANENTLY CLOSED	357 BROAD ST MANCHESTER CT 06040	0.05 SE	N/A	49
18	SPILLS	SAA 200405672/CLOSED	376 MIDDLE TPKE W MANCHESTER CT 06040	0.05 NW	N/A	50
19	SPILLS	UNKNOWN 9906601/CLOSED	295 BROAD ST MANCHESTER CT 06040	0.05 NE	N/A	51
20	SPILLS		PARKADE MALL/CHANNEL HARDWA 911124/CLOSED MANCHESTER CT 06040	0.06 NE	N/A	53
21	UST	ST JAMES CEMETERY 01198/PERMANENTLY CLOSED	360 BROAD ST MANCHESTER CT 06040	0.06 SE	N/A	54
22	SPILLS	CL AND P 200202183/CLOSED	386 MIDDLE TPKE W MANCHESTER CT 06040	0.07 NW	N/A	55
22	ERNS	MANCHESTER PARKADE NRC-598867/FIXED	386 MIDDLE TPKE W MANCHESTER CT 06040	0.07 NW	N/A	57
23	UST	DE CORMIER MOTOR SALES INC 01233/PERMANENTLY CLOSED	285 BROAD ST MANCHESTER CT 06040	0.08 NE	N/A	59
23	RCRANLR	DE CORMIER MOTOR SALES INC CTD018704031/NLR	285 BROAD ST MANCHESTER CT 06040	0.08 NE	N/A	60
23	RCRAGN	DE CORMIER MOTOR SALES INC CTD018704031/VGN	285 BROAD ST MANCHESTER CT 06040	0.08 NE	N/A	61
24	RCRANLR	PARKADE CLEANERS CTD047708086/NLR	394 MIDDLE TPKE W MANCHESTER CT 06040	0.08 NW	N/A	62
24	RCRAGN	PARKADE CLEANERS CTD047708086/VGN	394 MIDDLE TPKE W MANCHESTER CT 06040	0.08 NW	N/A	63
25	SPILLS	UNK. 9901634/CLOSED	BOAD WENDYS RESTAURANT ST MANCHESTER CT 06040	0.08 NE	N/A	64
26	SPILLS	NORTHEAST UTILITIES 961316/CLOSED	381 BROAD ST MANCHESTER CT 06040	0.09 SE	N/A	66
26	SPILLS	200205718/CLOSED	381 BROAD ST MANCHESTER CT 06040	0.09 SE	N/A	67
27	SPILLS	UNKNOWN MOTORIST 200305141/CLOSED	277 BROAD ST MANCHESTER CT 06040	0.09 NE	N/A	68
28	SPILLS	200603432/CLOSED	354 MIDDLE TPKE W MANCHESTER CT 06040	0.11 NW	N/A	69
29	SPILLS	200405954/CLOSED	260 BROAD ST MANCHESTER CT 06040	0.11 NE	N/A	70
29	SPILLS	200905763/CLOSED	260 BROAD ST MANCHESTER CT 06040	0.11 NE	N/A	71
30	SPILLS	200207883/CLOSED	406 MIDDLE TPKE W MANCHESTER CT 06040	0.12 NW	N/A	72

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31	SPILLS	M.V.A 200002038/CLOSED	356 MIDDLE TPKE W MANCHESTER CT 06040	0.13 NW	N/A	73
31	SPILLS	200207806/CLOSED	356 MIDDLE TPKE W MANCHESTER CT 06040	0.13 NW	N/A	74
31	SPILLS	200002323/CLOSED	356 MIDDLE TPKE W MANCHESTER CT 06040	0.13 NW	N/A	75
32	SPILLS	200802543/CLOSED	410 BROAD ST MANCHESTER CT 06040	0.13 SE	N/A	76
33	RCRAGN	R T COACHWORKS CTD981885684/SGN	244 BROAD ST MANCHESTER CT 06040	0.14 NW	N/A	77
33	OTHER	R.T. COACHWORKS 4429/TRANSFER ACT	244 BROAD ST MANCHESTER CT 06040	0.14 NW	N/A	78
33	STATE	R.T. COACHWORKS 4429/SUSPECTED	244 BROAD ST MANCHESTER CT 06040	0.14 NW	N/A	80
33	OTHER	ROUTE COACHWORKS AUTOBODY CTOT-0509-909/PTP	244 BROAD ST MANCHESTER CT 06040	0.14 NW	N/A	81
34	SPILLS	CTS 200804561/CLOSED	257 BROAD ST MANCHESTER CT 06040	0.14 NE	N/A	82
34	SPILLS	200602843/CLOSED	257 BROAD ST MANCHESTER CT 06040	0.14 NE	N/A	83
35	SPILLS	JASON WRIGHT 936428/CLOSED	408 MIDDLE TPKE W MANCHESTER CT 06040	0.14 NW	N/A	85
36	SPILLS	200700426/CLOSED	425 BROAD ST MANCHESTER CT 06040	0.14 SE	N/A	86
36	SPILLS	SAA 200506531/CLOSED	BROAD ST MANCHESTER CT 06040	0.14 SE	N/A	87
36	SPILLS	200503291/CLOSED	425 BROAD ST MANCHESTER CT 06040	0.14 SE	N/A	88
36	SPILLS	200407055/CLOSED	425 BROAD ST MANCHESTER CT 06040	0.14 SE	N/A	89
36	SPILLS	9908245/CLOSED	425 BROAD ST MANCHESTER CT 06040	0.14 SE	N/A	90
36	SPILLS	9806568/CLOSED	425 BROAD ST MANCHESTER CT 06040	0.14 SE	N/A	91
36	SPILLS	200500016/CLOSED	BROAD ST MANCHESTER CT 06040	0.14 SE	N/A	92
36	SPILLS	NABISCO FOODS 200009260/CLOSED	425 BROAD ST MANCHESTER CT 06040	0.14 SE	N/A	93
37	SPILLS	200207726/CLOSED	157 SAINT JOHNS ST MANCHESTER CT 06040	0.14 SW	N/A	94

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38	UST	FIRST FEDERAL SAVINGS and LOAN 09040/PERMANENTLY CLOSED	344 MIDDLE TPKE W MANCHESTER CT 06040	0.14 NW	N/A	95
39	SPILLS	201003482/CLOSED	328 MIDDLE TPKE W MANCHESTER CT 06040	0.15 NW	N/A	96
39	SPILLS	200505550/CLOSED	328 MIDDLE TPKE W MANCHESTER CT 06040	0.15 NW	N/A	97
39	SPILLS	200208965/CLOSED	328 MIDDLE TPKE W MANCHESTER CT 06040	0.15 NW	N/A	98
40	SPILLS	200306185/CLOSED	RIDGEWOOD ST and ROOSEVELT MANCHESTER CT 06040	0.15 SE	N/A	99
41	SPILLS	200901782/CLOSED	410 MIDDLE TPKE W MANCHESTER CT 06040	0.15 NW	N/A	100
41	SPILLS	200606038/CLOSED	410 MIDDLE TPKE W MANCHESTER CT 06040	0.15 NW	N/A	101
42	SPILLS	CLandP 200601888/CLOSED	242 BROAD ST MANCHESTER CT 06040	0.16 NW	N/A	102
43	SPILLS	MULTIPLE MOTORISTS 200306496/CLOSED	355 MIDDLE TPKE W MANCHESTER CT 06042	0.16 NW	N/A	103
43	SPILLS	9907713/CLOSED	355 MIDDLE TPKE W MANCHESTER CT 06042	0.16 NW	N/A	104
44	SPILLS	MVA 200002545/CLOSED	412 MIDDLE TPKE W MANCHESTER CT 06040	0.16 NW	N/A	105
44	SPILLS	943510/CLOSED	412 MIDDLE TPKE W MANCHESTER CT 06040	0.16 NW	N/A	107
44	SPILLS	9805027/CLOSED	412 MIDDLE TPKE W MANCHESTER CT 06040	0.16 NW	N/A	108
45	SPILLS	MVA 200100540/CLOSED	308 MIDDLE TPKE W MANCHESTER CT 06040	0.16 NW	N/A	109
45	UST	DYNAMIC AUTO LLC 01205/PERMANENTLY CLOSED	308 MIDDLE TPKE W MANCHESTER CT 06040	0.16 NW	N/A	111
46	SPILLS	UNKNOWN MOTORIST 200300056/CLOSED	320 MIDDLE TPKE W MANCHESTER CT 06040	0.16 NW	N/A	113
46	SPILLS	200004153/CLOSED	320 MIDDLE TPKE W MANCHESTER CT 06040	0.16 NW	N/A	114
47	SPILLS	9901441/CLOSED	WEST MIDDLE TRPK TOWER MANCHESTER CT 06042	0.16 NW	N/A	115
48	SPILLS	954467/CLOSED	MIDDLE TPKE W and TOWER RD MANCHESTER CT 06042	0.16 NW	N/A	117
48	SPILLS	200703141/CLOSED	MIDDLE TPKE W and TOWER RD MANCHESTER CT 06042	0.16 NW	N/A	118

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48	SPILLS	200502777/CLOSED	MIDDLE TPKE W and TOWER RD MANCHESTER CT 06042	0.16 NW	N/A	119
48	SPILLS	200806648/CLOSED	MIDDLE TPKE W and TOWER RD MANCHESTER CT 06042	0.16 NW	N/A	120
49	SPILLS	HOMEOWNER 200308898/CLOSED	325 MIDDLE TPKE W MANCHESTER CT 06042	0.17 NW	N/A	121
50	LUST	MOTIVA ENTERPRISES 200401046/CLOSED	288 MIDDLE TPKE W MANCHESTER CT 06040	0.17 NW	N/A	122
50	UST	SHELL SERVICE STATION 01201/CURRENTLY IN USE	288 MIDDLE TPKE W MANCHESTER CT 06040	0.17 NW	N/A	124
50	OTHER	SHELL FACILITY 136329 CTOT-0509-1065/PTP	288 MIDDLE TPKE W MANCHESTER CT 06040	0.17 NW	N/A	126
50	SPILLS	SHELL OIL FACILITY 13629 200605248/CLOSED	288 MIDDLE TPKE W MANCHESTER CT 06040	0.17 NW	N/A	126
50	SPILLS	200002055/CLOSED	288 MIDDLE TPKE W MANCHESTER CT 06040	0.17 NW	N/A	127
50	SPILLS	MOTIVA ENTERPRISES 200401046/CLOSED	288 MIDDLE TPKE W MANCHESTER CT 06040	0.17 NW	N/A	128
50	SPILLS	200502739/CLOSED	288 MIDDLE TPKE W MANCHESTER CT 06040	0.17 NW	N/A	129
51	SPILLS	N.U. 200007975/CLOSED	53 ALEXANDER ST MANCHESTER CT 06040	0.17 SW	N/A	130
52	SPILLS	200805154/CLOSED	333 MIDDLE TPKE W MANCHESTER CT 06042	0.17 NW	N/A	131
53	RCRAGN	C and D CLEANERS CO INC CTD018703678/SGN	299 MIDDLE TPKE W MANCHESTER CT 06042	0.18 NW	N/A	132
53	OTHER	U.S. CLEANERS CTOT-0509-1098/PTP	299 MIDDLE TPKE W MANCHESTER CT 06042	0.18 NW	N/A	133
53	OTHER	C and D CLEANERS COMPANY 4408/PTP	299 MIDDLE TPKE W MANCHESTER CT 06042	0.18 NW	N/A	134
53	STATE	C and D CLEANERS COMPANY 4408/SUSPECTED	299 MIDDLE TPKE W MANCHESTER CT 06042	0.18 NW	N/A	136
54	SPILLS	200207709/CLOSED	270 MIDDLE TPKE W MANCHESTER CT 06040	0.18 NE	N/A	137
54	UST	GETTY S/S 6876 01289/CURRENTLY IN USE	270 MIDDLE TPKE W MANCHESTER CT 06040	0.18 NE	N/A	139
54	SPILLS	MOTIVA ENTER. , LLC. 9908199/CLOSED	270 MIDDLE TPKE W MANCHESTER CT 06040	0.18 NE	N/A	141
54	SPILLS	200104692/CLOSED	270 MIDDLE TPKE W MANCHESTER CT 06040	0.18 NE	N/A	142

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54	SPILLS	200507526/CLOSED	270 MIDDLE TPKE W MANCHESTER CT 06040	0.18 NE	N/A	143
55	SPILLS	200009560/CLOSED	307 MIDDLE TPKE W MANCHESTER CT 06042	0.18 NW	N/A	144
55	SPILLS	OIL COMPANY 9906249/CLOSED	307 MIDDLE TPKE W MANCHESTER CT 06042	0.18 NW	N/A	145
56	SPILLS	9802462/CLOSED	377 MIDDLE TPKE W MANCHESTER CT 06042	0.18 NW	N/A	146
57	SPILLS	200201954/CLOSED	441 MIDDLE TPKE W MANCHESTER CT 06042	0.19 NW	N/A	147
57	RCRAGN	BATTISTONS OF MANCHESTER INC CTD981205032/SGN	441 MIDDLE TPKE W MANCHESTER CT 06042	0.19 NW	N/A	148
57	SPILLS	PRIVATE VEHICLE 9800409/CLOSED	441 MIDDLE TPKE W MANCHESTER CT 06042	0.19 NW	N/A	149
58	SPILLS	MANCHESTER S T P 931170/CLOSED	15 LINCOLN ST MANCHESTER CT 06040	0.19 SE	N/A	151
59	SPILLS	200207557/CLOSED	66 ESSEX ST MANCHESTER CT 06040	0.19 NE	N/A	152
60	SPILLS	944714/CLOSED	43 LILAC ST MANCHESTER CT 06040	0.20 SE	N/A	154
61	SPILLS	200108818/CLOSED	240 MIDDLE TPKE W MANCHESTER CT 06040	0.21 NE	N/A	155
61	SPILLS	9702517/CLOSED	250 MIDDLE TPKE W MANCHESTER CT 06040	0.21 NE	N/A	156
61	SPILLS	ATLAS OIL CO 9218/CLOSED	240 MIDDLE TPKE W MANCHESTER CT 06040	0.21 NE	N/A	158
61	STATE	MOBIL 01-QQ5 2318/SUSPECTED	240 MIDDLE TPKE W MANCHESTER CT 06040	0.21 NE	N/A	159
61	SPILLS	200805159/CLOSED	240 MIDDLE TPKE W MANCHESTER CT 06040	0.21 NE	N/A	160
61	SPILLS	200802131/CLOSED	240 MIDDLE TPKE W MANCHESTER CT 06040	0.21 NE	N/A	161
61	UST	MOBIL SERVICE STATION 01-QQ5 01114/CURRENTLY IN USE	250 MIDDLE TPKE W MANCHESTER CT 06040	0.21 NE	N/A	163
62	SPILLS	BROOK HAVEN CONDO ASSOCIATION 200206809/CLOSED	426 MIDDLE TPKE E MANCHESTER CT 06040	0.21 NW	N/A	165
63	SPILLS	RLR /JRJ ASSOCIATES 955907/CLOSED	263 MIDDLE TPKE W MANCHESTER CT 06042	0.21 NW	N/A	167
63	SPILLS	953592/CLOSED	263 MIDDLE TPKE W MANCHESTER CT 06042	0.21 NW	N/A	169

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63	SPILLS	200002276/CLOSED	263 MIDDLE TPKE W MANCHESTER CT 06042	0.21 NW	N/A	170
63	SPILLS	M.V.A 9700104/CLOSED	263 MIDDLE TPKE W MANCHESTER CT 06042	0.21 NW	N/A	171
63	SPILLS	200002332/CLOSED	263 MIDDLE TPKE W MANCHESTER CT 06042	0.21 NW	N/A	172
64	SPILLS	MORANDE FORD 92608/CLOSED	BROAD ST/BIGELOW BRO MANCHESTER CT 06042	0.21 NW	N/A	174
65	SPILLS	MVA 9808721/CLOSED	277 MIDDLE TPKE W MANCHESTER CT 06042	0.21 NW	N/A	175
66	SPILLS	TIRE COUNTRY 200102864/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	176
66	SPILLS	200605704/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	177
66	SPILLS	912698/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	179
66	SPILLS	200303404/CLOSED	BROAD ST and W MIDDLE TPKE MANCHESTER CT 06042	0.21 NE	N/A	180
66	SPILLS	200300592/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	181
66	SPILLS	9800060/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	182
66	SPILLS	200403334/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	183
66	SPILLS	200805946/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	184
66	SPILLS	947120/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	186
66	SPILLS	934411/CLOSED	BROAD ST/WEST MILL MANCHESTER CT 06042	0.21 NE	N/A	188
66	SPILLS	932167/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	190
66	SPILLS	200106736/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	191
66	SPILLS	200404061/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	192
66	SPILLS	200307604/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	193
66	SPILLS	200302170/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	194

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66	SPILLS	MVA 200300083/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	195
66	SPILLS	MVA 9606749/CLOSED	BROAD ST and MIDDLE TPKE W MANCHESTER CT 06042	0.21 NE	N/A	196
67	SPILLS	OWNER 9806695/CLOSED	58 ESSEX and 53 DURAND ST MANCHESTER CT 06040	0.21 NE	N/A	197
68	SPILLS	200701378/CLOSED	387 MIDDLE TPKE W MANCHESTER CT 06042	0.21 NW	N/A	198
69	SPILLS	UNKNOWN 9901005/CLOSED	40 DURANT ST MANCHESTER CT 06040	0.22 NE	N/A	199
70	SPILLS	200003031/CLOSED	95 ST JOHN ST MANCHESTER CT 06040	0.22 SW	N/A	200
71	SPILLS	200105109/CLOSED	430 MIDDLE TPKE E MANCHESTER CT 06040	0.22 NW	N/A	201
72	SPILLS	9906244/CLOSED	255 MIDDLE TPKE W MANCHESTER CT 06042	0.22 NW	N/A	202
73	SPILLS	9905815/CLOSED	241 MIDDLE TPKE W MANCHESTER CT 06042	0.23 NW	N/A	203
73	SPILLS	200203859/CLOSED	241 MIDDLE TPKE W MANCHESTER CT 06042	0.23 NW	N/A	204
73	SPILLS	UNKNOWN MOTORIST 200200597/CLOSED	241 MIDDLE TPKE W MANCHESTER CT 06042	0.23 NW	N/A	205
73	RCRAGN	CVS PHARMACY 04436 CTR000509224/SGN	241 MIDDLE TPKE W MANCHESTER CT 06042	0.23 NW	N/A	206
74	SPILLS	PRIVATE VEHICLE 200009192/CLOSED	467 CENTER ST MANCHESTER CT 06040	0.23 SW	N/A	206
74	SPILLS	UNK 201005343/CLOSED	467 CENTER ST MANCHESTER CT 06040	0.23 SW	N/A	207
75	UST	HAGEDURN SERVICE STATION 01280/PERMANENTLY CLOSED	230 MIDDLE TPKE W MANCHESTER CT 06040	0.23 NE	N/A	208
75	LUST	CENTER MOTORS 29084/LUST COMPLETED (PROG	230 MIDDLE TPKE W MANCHESTER CT 06040	0.23 NE	N/A	209
75	LUST	CENTER MOTORS 4946/Y	230 MIDDLE TPKE W MANCHESTER CT 06040	0.23 NE	N/A	210
75	LUST	9702272/CLOSED	230 MIDDLE TPKE W MANCHESTER CT 06040	0.23 NE	N/A	211
75	SPILLS	9702272/CLOSED	230 MIDDLE TPKE W MANCHESTER CT 06040	0.23 NE	N/A	212
76	SPILLS	BAMBOO GARDENS 924758/CLOSED	50 OLIVER RD MANCHESTER CT 06042	0.24 NW	N/A	214

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77	SPILLS	200501330/CLOSED	436 MIDDLE TPKE E MANCHESTER CT 06040	0.24 NW	N/A	215
77	SPILLS	F.D. 9701773/CLOSED	436 MIDDLE TPKE E MANCHESTER CT 06040	0.24 NW	N/A	216
78	SPILLS	MANCHESTER PARKS DEPT 946115/CLOSED	LODGE DR MANCHESTER CT 06040	0.24 NE	N/A	218
79	SPILLS	PREFERRED ENERGY 953393/CLOSED	56 OLIVER RD MANCHESTER CT 06042	0.24 NW	N/A	220
80	SPILLS	PRIVATE VEHICLE 9904792/CLOSED	12 GRISWOLD ST MANCHESTER CT 06040	0.24 SE	N/A	221
81	RCRAGN	TEXACO SERVICE STATION 100042 CTD983874116/SGN	207 MIDDLE TPKE MANCHESTER CT 06042	0.25 NE	N/A	222
82	SPILLS	MVA 200501288/CLOSED	472 CENTER ST MANCHESTER CT 06040	0.25 SE	N/A	223
83	SPILLS	SHALLER AUTO 200805917/CLOSED	506 CENTER ST MANCHESTER CT 06040	0.25 SW	N/A	224
84	STATE	SCHALLER ACURA, INC. 4432/SUSPECTED	345 CENTER ST MANCHESTER CT 06040	0.28 SE	N/A	226
85	LUST	BOB BOLAND 9703689/CLOSED	369 CENTER ST MANCHESTER CT 06040	0.29 SE	N/A	227
86	LUST	MORIARTY BROS. 1291-1295/NO	301 CENTER ST MANCHESTER CT 06040	0.29 SE	N/A	228
86	LUST	MORIARTY BROS. 28402/INVESTIGATION	301 CENTER ST MANCHESTER CT 06040	0.29 SE	N/A	229
87	STATE	MORANDE BROS. INC. 4426/SUSPECTED	293 CENTER ST MANCHESTER CT 06040	0.30 SE	N/A	231
88	LUST	KAULL GARAGE 4431/YES	342 CENTER ST MANCHESTER CT 06040	0.30 SE	N/A	232
89	STATE	A. MICHAEL LUSSIER 4404/SUSPECTED	568 CENTER ST MANCHESTER CT 06040	0.32 SW	N/A	234
90	STATE	J and M GRINDING, INC. 4420/SUSPECTED	266 CENTER ST MANCHESTER CT 06040	0.33 SE	N/A	236
91	LUST	BROOKHAVEN CONDOMINIUMS 200208507/CLOSED	466 MIDDLE TPKE W MANCHESTER CT 06040	0.35 NW	N/A	237
92	LUST	LINDA BUTTERO/ CONTACT PERSON 200605918/CLOSED	115 RUSSELL ST MANCHESTER CT 06040	0.41 NE	N/A	238
93	LUST	DAIRY MART 31677/LUST COMPLETED (PROG	653 CENTER ST MANCHESTER CT 06040	0.48 SW	N/A	239
93	LUST	GULF STATION 29674/PENDING	CENTER ST MANCHESTER CT 06040	0.48 SW	N/A	240

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TOTAL: 303 **GEOCODED:** 221 **NON GEOCODED:** 82 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
93	LUST	GULF STATION 1281-1283/NO	CENTER ST MANCHESTER CT 06040	0.48 SW	N/A	241
94	STATE	LEON PROPERTY 2768/SUSPECTED	75 CENTER ST MANCHESTER CT 06040	0.55 SE	N/A	242
95	STATE	BALF COMPANY 4406/SUSPECTED	587 N MAIN ST MANCHESTER CT 06040	0.65 SE	N/A	244
96	STATE	INDUSTRIAL GRAPHIC CO. 873/SUSPECTED	338 ADAMS ST MANCHESTER CT 06042	0.67 NW	N/A	245
97	STATE	PEARL APPLIANCES 2604/SUSPECTED	649 MAIN ST MANCHESTER CT 06040	0.69 SE	N/A	246
98	STATE	CHENEY BROS. 727/SUSPECTED	182 PINE ST MANCHESTER CT 06040	0.70 SE	N/A	248
99	STATE	CHRISTY S MARKET 2093/SUSPECTED	706 MAIN ST MANCHESTER CT 06040	0.71 SE	N/A	249
100	STATE	SNET 4435/SUSPECTED	52 E CENTER ST MANCHESTER CT 06040	0.71 SE	N/A	251
101	STATE	ANDERSON S GULF 2775/SUSPECTED	770 MAIN ST MANCHESTER CT 06040	0.73 SE	N/A	252
102	STATE	MAL TOOL 4422/SUSPECTED	273 ADAMS ST MANCHESTER CT 06042	0.76 NW	N/A	254
103	STATE	PRATT and WHITNEY AIRCRAFT 1327/SUSPECTED	15 HALE CT MANCHESTER CT 06040	0.79 SE	N/A	256
103	RCRACOR	PRATT and WHITNEY ENGINE DIV CTD000844324/CA	PINE ST MANCHESTER CT 06040	0.79 SE	N/A	258
104	STATE	MOBIL 01-QQM 2324/SUSPECTED	427 HARTFORD RD MANCHESTER CT 06040	0.84 SW	N/A	259
105	STATE	CT CYCLE ACCESSORIES, INC 1099/SUSPECTED	316 HARTFORD RD MANCHESTER CT 06040	0.86 SE	N/A	260
106	STATE	MANCHESTER TOOL and DESIGN 1072/SUSPECTED	130 HARTFORD RD MANCHESTER CT 06040	0.87 SE	N/A	261
107	STATE	SIFCO SELECTIVE PLATING 4433/SUSPECTED	61 WOODLAND ST MANCHESTER CT 06042	0.90 NE	N/A	263
108	STATE	EDWARD JARVIS, INC. 3299/SUSPECTED	375 NEW STATE RD MANCHESTER CT 06042	0.96 NW	N/A	265
109	STATE	REGIUS PROPERTY 4430/SUSPECTED	21 AND 59-61 LOOMIS ST MANCHESTER CT 06042	0.97 NE	N/A	268
110	STATE	REGIUS PROPERTY 4431/SUSPECTED	81 LOOMIS ST MANCHESTER CT 06042	0.98 NW	N/A	270
111	STATE	HILLIARD STORAGE and WAREHOUSI 4417/SUSPECTED	104 HILLIARD ST MANCHESTER CT 06042	0.99 NE	N/A	272

Environmental FirstSearch

Sites Summary Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

TOTAL: 303 **GEOCODED:** 221 **NON GEOCODED:** 82 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	201002303/CLOSED	MIDDLE TPKE W and DEERFIELD MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	95484/CLOSED	CENTER ST MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200107949/CLOSED	E CENTER POLE 1911 ST MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200107950/CLOSED	E CENTER ST MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200109734/CLOSED	W MIDDLE TURNPIKE AT FOXCRO MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200108894/CLOSED	BROAD ST MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200105627/CLOSED	WOODBIDGE AND LITTLE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200003759/CLOSED	W MIDDLE TPKE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200802026/CLOSED	EAST MIDDLE TPKE and CHARLE MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	201000534/CLOSED	E CENTER ST and WALKER ST MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	9907555/CLOSED	E MIDDLE TPKE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	201000561/CLOSED	E CENTER ST and LENOX ST MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	201003580/CLOSED	PARKER ST and EAST MIDDLE T MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	201004688/CLOSED	MAIN and EAST MIDDLE TPKE MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	9800283/CLOSED	W MIDDLE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200905854/CLOSED	CENTER ST and BROAD ST MANCHESTER CT	NON GC	N/A	N/A
	TRIBALLAND	BUREAU OF INDIAN AFFAIRS CONTA BIA-06040	UNKNOWN CT 06040	NON GC	N/A	N/A
	SPILLS	200905097/CLOSED	MIDDLE TPKE W and ADAMS ST MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	200904499/CLOSED	HARTFORD RD and W CENTER ST MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	201000519/CLOSED	MIDDLE TPKE W ON TOP OF I-8 MANCHESTER CT	NON GC	N/A	N/A

Environmental FirstSearch

Sites Summary Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

TOTAL: 303 **GEOCODED:** 221 **NON GEOCODED:** 82 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	933973/CLOSED	CENTER ST MANCHESTER CT 06040	NON GC	N/A	N/A
	LUST	STANLEY HILIMSKI RESIDENCE 30480/LUST COMPLETED (PROG	89 GRATH RD MANCHESTER CT 06040	NON GC	N/A	N/A
	LUST	SHELL STATION 30418/CLEANUP INITIATED	161 TALCOTTEVILLE RD MANCHESTER CT 06040	NON GC	N/A	N/A
	LUST	SHELL STATION 1297-1299/NO	TALCOTTEVILLE RD MANCHESTER CT 06040	NON GC	N/A	N/A
	LUST	SAA 200904811/CLOSED	131 CHAPEL ROAD MANCHESTER CT 06040	NON GC	N/A	N/A
	LUST	MICHAEL GRANT 9901208/CLOSED	55 MORRIS ST MANCHESTER CT 06040	NON GC	N/A	N/A
	LUST	JOSEPH RUSSO 200008281/CLOSED	5557 N ELM ST MANCHESTER CT 06040	NON GC	N/A	N/A
	LUST	J and R MOBIL STATION 35728/PENDING	TOLLAND TPKE MANCHESTER CT 06040	NON GC	N/A	N/A
	LUST	GAS STATION 38956 45700/CLEANUP INITIATED	UNKNOWN MANCHESTER CT 06040	NON GC	N/A	N/A
	LUST	BRUCE SIMINS HARTFORD DISPENSI 200905335/CLOSED	331 BROAD ST MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	924704/CLOSED	W MIDDLE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	201005718/CLOSED	EAST MIDDLE TPKE and PLAZA MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	9705510/CLOSED	W MIDDLE ST MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	912249/CLOSED	WEST CENTER ST MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	201005986/CLOSED	239 E MIDDLE TPKE MANCHESTER CT 06040	NON GC	N/A	N/A
	LUST	EVELYN FARREELL 201004221/CLOSED	1556 TORTOISE ST MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	200906051/CLOSED	I-84 EAST ON RAMP FROM WEST MANCHESTER CT	NON GC	N/A	N/A
	OTHER	ALLIED PRINTING SERVICES, INC. CTOT-0509-1915/PTP	579 W MIDDLE TPKE MANCHESTER CT 06042	NON GC	N/A	N/A
	OTHER	MORANDE LINCOLN / MERCURY / MA CTOT-0509-1082/PTP	293 293-315 CENTER and 415 MANCHESTER CT	NON GC	N/A	N/A
	OTHER	MORANDE BROTHERS INC. CTOT-0509-1081/PTP	293 293-315 CENTER and 410 MANCHESTER CT	NON GC	N/A	N/A

Environmental FirstSearch

Sites Summary Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

TOTAL: 303 **GEOCODED:** 221 **NON GEOCODED:** 82 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SWL	CTSW-AC-01-18/ACTIVE	OLCOTT ROAD MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	SAA 200603516/CLOSED	W MIDDLE TPKE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200308800/CLOSED	W MIDDLE TPKE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200400041/CLOSED	COOPER HILL and W CENTER ST MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200206859/CLOSED	W MIDDLE TPKE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200204737/CLOSED	W MIDDLE TPKE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200204515/CLOSED	E MIDDLE TURNPIKE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200804563/CLOSED	MIDDLE TPKE W MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	UNKNOWN 9702418/CLOSED	W MIDDLE TPK MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	201004317/CLOSED	1006 W MIDDLE TPKE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	UNKNOWN 200103842/CLOSED	E CENTER TO 400 VERNON ST MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200500001/CLOSED	CENTER ST MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	PRIVATE VEHICLE 9908101/CLOSED	W CENTER ST MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	SAA 9807530/CLOSED	MIDDLE TPKE W MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	CLandP 200304745/CLOSED	BROAD ST MANCHESTER CT 06040	NON GC	N/A	N/A
	RCRANLR	MOTIVA ENTERPRISES LLC CTD983874116/NLR	207 W MIDDLE TPKE MANCHESTER CT 06042	NON GC	N/A	N/A
	LUST	UNION POND 45044/PENDING	KERRY ST MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	MVA 200009068/CLOSED	W MIDDLE TPKE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	MARK SCHAEFFER 200502732/CLOSED	GLASS TOWER MILL APTS MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	EXXON MOBIL STORE QQ5 201003157/CLOSED	240 W MIDDLE TURN PIKE MANCHESTER CT 06040	NON GC	N/A	N/A

Environmental FirstSearch

Sites Summary Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

TOTAL: 303 **GEOCODED:** 221 **NON GEOCODED:** 82 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	UNKNOWN 9800747/CLOSED	W MIDDLE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200403143/CLOSED	EAST CENTER MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	201003099/CLOSED	WOODBIDGE and EAST CENTER MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	201003309/CLOSED	MIDDLE TPKE WEST and TOWER MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	200906348/CLOSED	ADAMS ST and WEST MIDDLE TR MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	200903553/CLOSED	MCKEE ST and W CENTER ST MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	201005879/CLOSED	240 MIDDLE TPKE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	DYNAMIC AUTO 200902726/CLOSED	W MIDDLE TPKE and BROAD ST. MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	201005372/CLOSED	730 W MIDDLE TPKE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200206943/CLOSED	W MIDDLE TRNPK ESSEX TO BRO MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200403740/CLOSED	MCKEE and W CENTER MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200402166/CLOSED	COOPER and W CENTER MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200501014/CLOSED	MIDDLE TPK 1 MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200406177/CLOSED	W MIDDLE TPKE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200504851/CLOSED	E MIDDLE ST MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200707483/CLOSED	MIDDLE TPKE W MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200800605/CLOSED	E CENTER ST MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200800734/CLOSED	E PARKER CENTER MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200506354/CLOSED	MIDDLE TPKE MANCHESTER CT 06040	NON GC	N/A	N/A
	SPILLS	200507651/CLOSED	CENTER ST and MKEE MANCHESTER CT 06040	NON GC	N/A	N/A

***Environmental FirstSearch
Sites Summary Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

TOTAL: 303 **GEOCODED:** 221 **NON GEOCODED:** 82 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Page No.
	SPILLS	201002635/CLOSED	MIDDLE TURNPIKE and SUMMITT MANCHESTER CT	NON GC	N/A	N/A
	SPILLS	200207753/CLOSED	W MIDDLE TPKE BY WICKEM PAR MANCHESTER CT 06040	NON GC	N/A	N/A

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 156	DIST/DIR: 0.00 --	ELEVATION: 148	MAP ID: 1
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NAME: ADDRESS: 308 BROAD ST MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200705632 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 8/31/2007
TIME OF RELEASE: 7:40:00 PM
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 8:18:00 PM
REPORTED BY: ROSS
REPORTER S PHONE: 6656421

MATERIAL RELEASED: TRANSFORMER OIL
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: CLandP TO CLEAN

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 55 **DIST/DIR:** 0.00 -- **ELEVATION:** 148 **MAP ID:** 1

NAME: M.V.A
ADDRESS: 308 BROAD ST
MANCHESTER CT

REV: 11/18/10
ID1: 200003607
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 5/24/2000
TIME OF RELEASE:
ACTION: CONTAINED

DISCHARGER: M.V.A
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

SITE INFORMATION

DATE OF RELEASE: 5/24/2000
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER: M.V.A
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

REPORT TIME: 5/24/2000 4:11:28 PM
REPORTED BY: MANCHESTER FIRE DISPATCH
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: M.V.A - 2 - GALLONS OF ANTIFREEZE DISCHARGED - SANDED BY FIRE DEPARTMENT

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 158 **DIST/DIR:** 0.00 -- **ELEVATION:** 138 **MAP ID:** 2

NAME: ADDRESS: 344 BROAD ST MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 95114 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR REPORT DATE: 01/09/95 ACTUAL TIME: 0 REPORTER: FIRE DEPT	REPORT TIME: 11
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WORK PHONE: 203 647 3262 HOME PHONE: POLE NUMBER: INCIDENT TYPE: CHEMICAL GALLONS: 2 POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	DISCHARGED: ANTIFREEZE YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 01/09/95 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: ONGOING RELEASE: CONTAINED: Y
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ADDITIONAL INFORMATION:

WATERBODY: LIS: CATCH BASIN: AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: 2 RESPONSIBLE PARTY:	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: Y OTHER AREA: TOTAL RECOVERED FROM WATER:
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PHONE: POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: CONTAINED/REMOVED DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: Y NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 158 **DIST/DIR:** 0.00 -- **ELEVATION:** 138 **MAP ID:** 2

NAME: ADDRESS: 344 BROAD ST MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 95114 ID2: STATUS: CLOSED PHONE:
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PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: 110 DISCHARGE CLASS: PRIVATE	NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE: 01/09/95
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CAUSE: MOTOR VEHICLE ACCIDENT

CORRECTIVE ACTION TAKEN: CONTAINED/REMOVED

CONTRACTOR: DID DEP HIRE CONT: WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: GOTHBERG ASSIGNED DATE: NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: CASE NUMBER 2: PIN: INC CODE: OTHER OWNER: PROP NAME:	CONT NAME: HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: ASSIGNED TIME: NOTIFICATION STATUS: CASE NUMBER: FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER:
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: COPY: W
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MISCELLANEOUS INFORMATION:

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 203 **DIST/DIR:** 0.00 -- **ELEVATION:** 138 **MAP ID:** 2

NAME: MR. AUTO WASH ADDRESS: 344 BROAD ST MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 10/5/10 ID1: 01241 ID2: 77-1241 STATUS: PERMANENTLY CLOSED PHONE:
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TOTAL NUMBER OF TANKS: 3

SITE INFORMATION

FACILITY ID: 01241 TANK ID: 1241-1 TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND DATE INSTALLED: 8/1/1969 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: 5/1/1988 CAPACITY (GALS): 10000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01241 TANK ID: 1241-2 TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND DATE INSTALLED: 8/1/1969 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: 5/1/1988 CAPACITY (GALS): 10000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01241 TANK ID: 1241-3 TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND DATE INSTALLED: 8/1/1969 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: 5/1/1988 CAPACITY (GALS): 10000 TANK PROTECTION: PIPE PROTECTION:
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Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 61 **DIST/DIR:** 0.00 -- **ELEVATION:** 138 **MAP ID:** 2

NAME: MISTER AUTO WASH ADDRESS: 344 BROAD ST MANCHESTER CT 06040 HARTFORD CONTACT: MISTER AUTO WASH SOURCE: CT DEP	REV: 3/13/01 ID1: 953430 ID2: STATUS: CLOSED PHONE: 203 645 6767
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: 934 REPORT DATE: 06/28/95 ACTUAL TIME: 7 REPORTER: SCOTT KEHOE SELF	REPORT TIME: 8
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WORK PHONE: 203 474 8978 HOME PHONE: POLE NUMBER: INCIDENT TYPE: PETROLEUM GALLONS: POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	DISCHARGED: WASTE OIL YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 06/28/95 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: ONGOING RELEASE: CONTAINED:
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ADDITIONAL INFORMATION: DUMPING OIL/CAR WASH WATER INTO SANITARY SEWER

WATERBODY: LIS: CATCH BASIN: Y AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: RESPONSIBLE PARTY: MISTER AUTO WASH 344 BROAD ST MANCHESTER CT 6040	RIVER: TRIBUTARY: POND: SURFACE WATER: Y GROUND SURFACE: OTHER AREA: TOTAL RECOVERED FROM WATER:
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PHONE: 203 645 6767 POLLUTER UNKNOWN: Y CLEANUP ACTION TAKEN: DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 61 **DIST/DIR:** 0.00 -- **ELEVATION:** 138 **MAP ID:** 2

NAME: MISTER AUTO WASH
ADDRESS: 344 BROAD ST
MANCHESTER CT 06040
HARTFORD
CONTACT: MISTER AUTO WASH
SOURCE: CT DEP

REV: 3/13/01
ID1: 953430
ID2:
STATUS: CLOSED
PHONE: 203 645 6767

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS:

COMMERCIAL

CAUSE: ILLEGAL DISCHARGE

CORRECTIVE ACTION TAKEN: NONE REQUIRED

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: ALEXANDER
ASSIGNED DATE: 06/28/95
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER: 934
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED: 06/28/95
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT: Y
COPY: 2

MISCELLANEOUS INFORMATION: NOTHING FOUND

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 72 **DIST/DIR:** 0.00 -- **ELEVATION:** 148 **MAP ID:** 3

NAME: MVA
ADDRESS: 324 BROAD ST
MANCHESTER CT

REV: 11/18/10
ID1: 200502381
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 4/21/2005
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER: MVA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 4/21/2005
TIME OF RELEASE:
ACTION: CONTAINED

DISCHARGER: MVA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 4/21/2005 9:55:24 AM
REPORTED BY: DISP OCONNOR
REPORTER S PHONE: 5338625

MATERIAL RELEASED: MOTOR OIL
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SPEEDY DRIED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 137 **DIST/DIR:** 0.00 -- **ELEVATION:** 144 **MAP ID:** 4

NAME: ADDRESS: 340 BROAD ST MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200306527 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 9/5/2003
TIME OF RELEASE:
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 9/5/2003 6:38:14 PM
REPORTED BY: SGT BEELER
REPORTER S PHONE: 8415333

MATERIAL RELEASED: BUILDING MATERIALS
CAUSE OF INCIDENT: DUMPING

EMERGENCY MEASURES: DETAINED SUBJECT DUMPING SHEET ROCK AND BUILDING MATERIALS INTO BROOK BEHIND THE MANCHESTER PARCADE AREA TOWN REQUIRED TO REMOVE MATERIALS B Y P.D.

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 85 **DIST/DIR:** 0.00 -- **ELEVATION:** 144 **MAP ID:** 4

NAME: SAA ADDRESS: 340 BROAD ST MANCHESTER CT HARTFORD CONTACT: 938 SOURCE: CT DEP	REV: 11/18/10 ID1: 200806574 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 10/16/2008
TIME OF RELEASE:
ACTION: OTHER

DISCHARGER: SAA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 10/16/2008
TIME OF RELEASE:
ACTION: CONTRACTED

DISCHARGER: SAA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 10/16/2008 11:38:10 AM
REPORTED BY: KEN HINES
REPORTER S PHONE: 2501926

MATERIAL RELEASED: TRANSFORMER OIL
QUANTITY SPILLED: 30 GAL

CAUSE OF INCIDENT: TRANS/CAPAC.

EMERGENCY MEASURES: ESI RETAINED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 155 **DIST/DIR:** 0.00 -- **ELEVATION:** 150 **MAP ID:** 5

NAME: ADDRESS: 314 BROAD ST MANCHESTER CT	REV: 11/18/10 ID1: 200104332 ID2: STATUS: CLOSED PHONE:
CONTACT: NO RESPONSE SOURCE: CT DEP	

SITE INFORMATION

DATE OF RELEASE: 6/16/2001
TIME OF RELEASE: 3:49:00 PM
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 3:49:00 PM
REPORTED BY: DISPATCHER
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 10 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SPEEDY DRYED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 157	DIST/DIR: 0.00 --	ELEVATION: 147	MAP ID: 6
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NAME: ADDRESS: 304 BROAD ST MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200806700 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 10/21/2008
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 10/21/2008 4:19:46 PM
REPORTED BY: DOLLEY
REPORTER S PHONE: 5338635

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: RADIATOR FLUID.

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 204 **DIST/DIR:** 0.00 -- **ELEVATION:** 143 **MAP ID:** 7

NAME: SEAR S AUTOMOTIVE ADDRESS: BROAD ST MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 10/5/10 ID1: 01126 ID2: 77-1126 STATUS: PERMANENTLY CLOSED PHONE:
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TOTAL NUMBER OF TANKS: 7

SITE INFORMATION

FACILITY ID: 01126 TANK ID: 1126-1 TANK STATUS: PERMANENTLY CLOSED-TANK FILLED WITH INERT MATERIAL DATE INSTALLED: 5/1/1963 SUBSTANCE STORED: USED OIL TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: 1/1/1991 CAPACITY (GALS): 500 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01126 TANK ID: 1126-2 TANK STATUS: PERMANENTLY CLOSED-TANK FILLED WITH INERT MATERIAL DATE INSTALLED: 5/1/1963 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL:	DATE LAST USED: 6/1/1972 CAPACITY (GALS): 5000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01126 TANK ID: 1126-3 TANK STATUS: PERMANENTLY CLOSED-TANK FILLED WITH INERT MATERIAL DATE INSTALLED: 5/1/1963 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL:	DATE LAST USED: 6/1/1972 CAPACITY (GALS): 5000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01126 TANK ID: 1126-4 TANK STATUS: PERMANENTLY CLOSED-TANK FILLED WITH INERT MATERIAL DATE INSTALLED: 5/1/1963 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL:	DATE LAST USED: 6/1/1972 CAPACITY (GALS): 5000 TANK PROTECTION: PIPE PROTECTION:
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- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 204 **DIST/DIR:** 0.00 -- **ELEVATION:** 143 **MAP ID:** 7

NAME: SEAR S AUTOMOTIVE ADDRESS: BROAD ST MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 10/5/10 ID1: 01126 ID2: 77-1126 STATUS: PERMANENTLY CLOSED PHONE:
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SITE INFORMATION

FACILITY ID: 01126 TANK ID: 1126-5 TANK STATUS: PERMANENTLY CLOSED-TANK FILLED WITH INERT MATERIAL DATE INSTALLED: 5/1/1963 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL:	DATE LAST USED: 6/1/1972 CAPACITY (GALS): 5000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01126 TANK ID: 1126-6 TANK STATUS: PERMANENTLY CLOSED-TANK FILLED WITH INERT MATERIAL DATE INSTALLED: 5/1/1963 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL:	DATE LAST USED: 6/1/1972 CAPACITY (GALS): 5000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01126 TANK ID: 1126-7 TANK STATUS: PERMANENTLY CLOSED-TANK FILLED WITH INERT MATERIAL DATE INSTALLED: 5/1/1956 SUBSTANCE STORED: HEATING OIL TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL:	DATE LAST USED: 1/1/1984 CAPACITY (GALS): 10000 TANK PROTECTION: PIPE PROTECTION:
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***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

OTHER

SEARCH ID: 192	DIST/DIR: 0.01 NE	ELEVATION: 142	MAP ID: 8
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NAME: STOP and SHOP ERRAND EXPRESS
ADDRESS: 286 BROAD ST
MANCHESTER CT
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: CTOT-0410-58
ID2:
STATUS: PTP
PHONE:

SITE INFORMATION

TRANSFEROR (SELLER):	DDR SOUTHEAST MANCHESTER, LLC
TRANSFeree (BUYER):	SARA LIGHTING, INC.
CERTIFYING PARTY (CP):	DDR SOUTHEAST MANCHESTER, LLC
CP ATTENTION PERSON:	DANIEL E. BRANIGAN
TITLE OF CP:	VICE PRESIDENT
CP ADDRESS:	3300 ENTERPRISE PARKWAY BEACHWOOD , OH 44122

FORM:	III
DATE RECEIVED:	8/12/2009
DATE ACKNOWLEDGED:	8/21/2009
DETERMINATION DATE:	9/16/2009

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 93 **DIST/DIR:** 0.01 NE **ELEVATION:** 142 **MAP ID:** 8

NAME: STOP and SHOP, INC
ADDRESS: 286 BROAD ST
MANCHESTER CT 06040

REV: 3/13/01
ID1: 912760
ID2:
STATUS: CLOSED
PHONE: 203 772 2310

CONTACT: STOP and SHOP, INC
SOURCE: CT DEP

SITE INFORMATION

INSPECTOR S BADGE NUMBER: 924
REPORT DATE: 07/16/91
ACTUAL TIME: 1
REPORTER: ROSE MARIE MATURIELLO
STOP and SHOP
300 MONTEWESE AVE
NORTH HAVEN CT 6473

REPORT TIME: 9

WORK PHONE: 203 772 2310

HOME PHONE:

POLE NUMBER:

INCIDENT TYPE: PETROLEUM

GALLONS: 1

POUNDS:

DRUMS:

CERCLA:

EMERGENCY CLEANUP:

TOTAL POUNDS:

DISCHARGED: HYDRAULIC OIL

YARDS:

CON:

FEDRAL:

ACROSS PROPERTY LINES:

REP QUAN:

DESCRIPTION:

DATE: 07/16/91

CONTINUOUS SPILL:

RELEASE TERMINATED: Y

UNKNOWN:

DATE UNKNOWN:

SPILL TIME: 830

ONGOING RELEASE:

CONTAINED: Y

ADDITIONAL INFORMATION:

WATERBODY: SURFACE

LIS:

CATCH BASIN:

AIR:

GROUND WATER:

INSIDE BUILDING:

TOTAL IN WATER:

TOTAL RECOVERED: 1

RESPONSIBLE PARTY: STOP and SHOP, INC
300 MONTWESE AVE
NORTH HAVEN CT 6050

RIVER:

TRIBUTARY:

POND:

SURFACE WATER:

GROUND SURFACE: Y

OTHER AREA:

TOTAL RECOVERED FROM WATER:

PHONE: 203 772 2310

POLLUTER UNKNOWN:

CLEANUP ACTION TAKEN: REMOVED

DUN BRAD:

NOTIFIED COAST GAURD:

NOTIFIED LOCAL FIRE DEPT:

NOTIFIED ATTORNEY GENERAL:

NOTIFIED STATE DOHS:

NOTIFIED STATE AIR BUREAU:

NOTIFIED WEED HAZ WASTE:

ACCEPT RESPONSIBILITY: Y

NOTIFIED FEDERAL GOVERNMENT:

NOTIFIED FIRE MARSHALL:

NOTIFIED POLICE:

NOTIFIED AQUACULTURE:

NOTIFIED STATE WATER BUREAU:

NOTIFIED STATE WASTE BUREAU: Y

NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 93 **DIST/DIR:** 0.01 NE **ELEVATION:** 142 **MAP ID:** 8

NAME: STOP and SHOP, INC
ADDRESS: 286 BROAD ST
MANCHESTER CT 06040

REV: 3/13/01
ID1: 912760
ID2:
STATUS: CLOSED
PHONE: 203 772 2310

CONTACT: STOP and SHOP, INC
SOURCE: CT DEP

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME: 93
DISCHARGE CLASS: COMMERCIAL

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE: 07/16/91

CAUSE: HOSE FAILURE

CORRECTIVE ACTION TAKEN: CONTAINED/REMOVED

CONTRACTOR: Y
DID DEP HIRE CONT: N
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: ACETO
ASSIGNED DATE: 07/16/91
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME: IN-HOUSE
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER: 924
ASSIGNED TIME: 9 4
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 89	DIST/DIR: 0.01 NE	ELEVATION: 142	MAP ID: 8
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NAME: SAME ADDRESS: 286 BROAD ST MANCHESTER CT CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9704168 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 7/31/1997
TIME OF RELEASE: 8:00:00 AM
ACTION: CLEANED

DISCHARGER: SAME
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 8:25:00 AM
REPORTED BY: ROBERT LEWIS
REPORTER S PHONE: 2495895

MATERIAL RELEASED: TRANSFORMER FLUID NON-PCB
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: TRANS/CAPAC.

EMERGENCY MEASURES: SANDED AND CLEANED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 160 **DIST/DIR:** 0.01 NE **ELEVATION:** 142 **MAP ID:** 8

NAME: ADDRESS: 286 BROAD ST MANCHESTER CT	REV: 11/18/10 ID1: 200508033 ID2: STATUS: CLOSED PHONE:
CONTACT: NO RESPONSE SOURCE: CT DEP	

SITE INFORMATION

DATE OF RELEASE: 11/24/2005
TIME OF RELEASE:
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 11/24/2005
TIME OF RELEASE:
ACTION: 21

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 11/24/2005 10:31:20 AM
REPORTED BY: OCCONER
REPORTER S PHONE: 5338625

MATERIAL RELEASED: DIESEL FUEL
CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: 300-400 FOOT SLICK

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

ERNS

SEARCH ID: 16 **DIST/DIR:** 0.01 NE **ELEVATION:** 142 **MAP ID:** 8

NAME: STOP and SHOP
ADDRESS: 286 BROAD ST
MANCHESTER CT 06040

REV: 1/15/95
ID1: 411473
ID2:
STATUS: HIGHWAY RELATED
PHONE:

CONTACT:
SOURCE: EPA

SPILL INFORMATION

DATE OF SPILL: 1/15/95 **TIME OF SPILL:** 1430

PRODUCT RELEASED (1): GASOLINE: AUTOMOTIVE (UNLEADED)
QUANTITY (1): 10
UNITS (1): GAL

PRODUCT RELEASED (2):
QUANTITY (2):
UNITS (2):

PRODUCT RELEASED (3):
QUANTITY (3):
UNITS (3):

MEDIUM/MEDIA AFFECTED

AIR:	NO	GROUNDWATER:	NO
LAND:	YES	FIXED FACILITY:	NO
WATER:	NO	OTHER:	NO
WATERBODY AFFECTED BY RELEASE:		ASPHALT>STORM DRAIN	

CAUSE OF RELEASE

DUMPING:	NO	EQUIPMENT FAILURE:	NO
NATURAL PHENOMENON:	NO	OPERATOR ERROR:	NO
OTHER CAUSE:	NO	TRANSP. ACCIDENT:	NO
UNKNOWN:	NO		

ACTIONS TAKEN: SECURED DISCHARGE/ BOOM DEPLOYED RECOVERY IS UNDERWAY
RELEASE DETECTION: EMPLOYEE AUTO/ LEAKED FUEL DUE FAILED TANK
MISC. NOTES:

DISCHARGER INFORMATION

DISCHARGER ID: 411473
TYPE OF DISCHARGER: PRIVATE ENTERPRISE
NAME OF DISCHARGER: STOP and SHOP
ADDRESS: 300 MONTOWESE AVE POB 333
NORTH HAVEN CT 06473

DUN and BRADSTREET :

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

ERNS

SEARCH ID: 15	DIST/DIR: 0.01 NE	ELEVATION: 142	MAP ID: 8
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NAME: STOP and SHOP ADDRESS: 300 MONTOWESE POB 333 AVE MANCHESTER CT 06040 CONTACT: SOURCE: EPA	REV: 01-20-98 ID1: D50420 ID2: STATUS: HIGHWAY PHONE:
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CERCLIS (Y/N):

MAT: GASOLINE: AUTOMOTIVE (UNLEADED) **QUANT:** 10.00 GALLONS

LOCATION: 286 BROAD STREET
CITY: NORTH HAVEN CT 06473 **REPORTED:** 01-18-95

SOURCE: HIGHWAY **MEDIUM:** LAND

CAUSE: EMPLOYEE AUTO
EQUIP FAILURE
EMPLOYEE AUTO/ LEAKED FUEL DUE FAILED TANK

ACT: SECURED DISCHARGE/ BOOM DEPLOYED RECOVERY IS UNDERWAY
BY: DEP

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 161 **DIST/DIR:** 0.01 NE **ELEVATION:** 142 **MAP ID:** 8

NAME: ADDRESS: 286 BROAD ST MANCHESTER CT	REV: 11/18/10 ID1: 200405040 ID2: STATUS: CLOSED PHONE:
CONTACT: NO RESPONSE SOURCE: CT DEP	

SITE INFORMATION

DATE OF RELEASE: 7/24/2004
TIME OF RELEASE: 5:35:00 PM
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 7/24/2004 5:35:16 PM
REPORTED BY: GARISON
REPORTER S PHONE: 6455500

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: LESS THAN TWO GALLONS/ NO WATERWAYS/ LEFT IT IN PLACE

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

RCRAGN

SEARCH ID: 9 **DIST/DIR:** 0.01 NE **ELEVATION:** 142 **MAP ID:** 8

NAME: STOP and SHOP
ADDRESS: 286 BROAD ST
MANCHESTER CT 06040

REV: 11/10/10
ID1: CT5000001990
ID2:
STATUS: SGN
PHONE:

CONTACT:
SOURCE: EPA

SITE INFORMATION

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: N - NO
GPRA POST CLOSURE: N - NO
GPRA CA: N - NO

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: N - NO
GPRA POST CLOSURE: N - NO
GPRA CA: N - NO
GPRA COMPLIANCE MONITORING and ENFORCEMENT: N - NO

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO

SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC: N - NO

PERMIT WORKLOAD: -----

CLOSURE WORKLOAD: -----

POST CLOSURE WORKLOAD: -----

PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: -----

CORRECTIVE ACTION WORKLOAD: N - NO

GENERATOR STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000
KG/MONTH OF HAZARDOUS WASTE

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Silver

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 166 **DIST/DIR:** 0.01 NE **ELEVATION:** 142 **MAP ID:** 8

NAME: ADDRESS: 286 BROAD ST MANCHESTER CT 06040	REV: 3/13/01 ID1: 95363 ID2: STATUS: OPEN PHONE:
CONTACT: SOURCE: CT DEP	

SITE INFORMATION

INSPECTOR S BADGE NUMBER: 913 REPORT DATE: 01/15/95 ACTUAL TIME: 36 REPORTER: JIM SCHUTZ FIRE DEPT	REPORT TIME: 14
WORK PHONE: 203 647 3262 HOME PHONE: POLE NUMBER: INCIDENT TYPE: PETROLEUM GALLONS: POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	DISCHARGED: GASOLINE YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:

DESCRIPTION:

DATE: 01/15/95 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: ONGOING RELEASE: CONTAINED: Y
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ADDITIONAL INFORMATION: LEAKING M/V

WATERBODY: LIS: CATCH BASIN: Y AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: 10 TOTAL RECOVERED: RESPONSIBLE PARTY:	RIVER: TRIBUTARY: POND: SURFACE WATER: Y GROUND SURFACE: OTHER AREA: TOTAL RECOVERED FROM WATER:
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PHONE: POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 166 **DIST/DIR:** 0.01 NE **ELEVATION:** 142 **MAP ID:** 8

NAME: ADDRESS: 286 BROAD ST MANCHESTER CT 06040 CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 95363 ID2: STATUS: OPEN PHONE:
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PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: DISCHARGE CLASS: PRIVATE	NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE:
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CAUSE: FUEL TANK FAILURE

CORRECTIVE ACTION TAKEN:

CONTRACTOR: DID DEP HIRE CONT: WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: ASSIGNED DATE: 01/15/95 NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: CASE NUMBER 2: PIN: INC CODE: OTHER OWNER: PROP NAME:	CONT NAME: HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: 913 ASSIGNED TIME: 14 51 NOTIFICATION STATUS: CASE NUMBER: FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER:
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: COPY: W
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MISCELLANEOUS INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 159 **DIST/DIR:** 0.01 NE **ELEVATION:** 142 **MAP ID:** 8

NAME:
ADDRESS: 286 BROAD ST
MANCHESTER CT

CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 11/18/10
ID1: 200604129
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 7/8/2006
TIME OF RELEASE: 12:52:00 AM
ACTION: CONTRACTED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 7/8/2006
TIME OF RELEASE: 12:52:00 AM
ACTION: REFERRED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 7/9/2006 12:52:40 AM
REPORTED BY: KEN
REPORTER S PHONE: 2501926

MATERIAL RELEASED: TRANSFORMER OIL
QUANTITY SPILLED: 40 GAL

CAUSE OF INCIDENT: SEEPAGE

EMERGENCY MEASURES: CONTRACTED REFERRED TO 912, SPILL IN VAULT, NO DRAINS.

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 18 **DIST/DIR:** 0.02 NE **ELEVATION:** 144 **MAP ID:** 9

NAME: ABILITY MACHINE and TOOL CO
ADDRESS: 315 BROAD ST
MANCHESTER CT

REV: 4/23/10
ID1: 219
ID2: CTD983869074
STATUS: INVENTORY
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1: NCHLR VOC - NON CHLORINATED VOLATILE ORGANIC COMPOUNDS
WASTE TYPE2: METALS
WASTE TYPE3: TUMBLING

DISPOSAL METHOD: DRY WELL DRUMS

SAMPLE AVAILABLE: NO
LOCATION METHOD: MAP
OTHER DEP: WCU, RCRA
UPDATED BY: DANYLUK, M.
UPDATED PROGRAM: FPRE
UPDATED: 12/16/1992
SW CLASSIFICATION: A
GW CLASSIFICATION: GB - HIGH YIELD - N.P.P.

COMMENTS: *CONTAINED LEAD 50 GAL/DAY. DRYWELL USED UNTIL 1984 WHEN COMPANY MOVED.
ADDRESS GIVEN AS 315 BROAD STREET ON INVENTORY AND 315 BROAD STREET ON CERCLIS - THE CORRECT ADDRESS IS 311 BROAD STREET.

SITE NAMES

COMMENTS:

FEDERAL INFORMATION

ON CERCLIS:	YES	EPI SITE:	NO
ARCHIVE:	NO	ARCHIVE DATE:	
EPA REMOVAL:	NO	DEFERRED:	NO
ON NPL:	NO	PART NPL:	NO
RCRA STAT:		RCRA PERMIT:	
FED FAC:	NO		

INVENTORY INFORMATION

REQUEST STAFF:	DEP	PROGRAM:	SUPERFUND
DATE ADDED:	7/6/1987	ON INVENTORY:	YES
ASSESSED:	YES	87 GROUP:	EN
87 ORIGIN:	INVENTORY	ON 87:	YES

GAO INFORMATION

SURVEY STAFF:	DANYLUK, M.	GAO RANK:	H
DEP STATUS:		COMMENTS:	YES
PTP FORM:		FORM RECEIVED:	
PTP STAT:		PTP STAFF:	
ECAF RECEIVED:		OVERSIGHT:	
DETERMINATION DATE:		ON SPL:	NO

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 18 **DIST/DIR:** 0.02 NE **ELEVATION:** 144 **MAP ID:** 9

NAME: ABILITY MACHINE and TOOL CO
ADDRESS: 315 BROAD ST
MANCHESTER CT

REV: 4/23/10
ID1: 219
ID2: CTD983869074
STATUS: INVENTORY
PHONE:

CONTACT:
SOURCE: CT DEP

SRP STATUS:		SRP STAFF:	
ORDER:	NO	USP SITE:	NO
USP STAFF:		RA DONE:	
REMEDIATED:		133Y SITE:	NO
133Y STAFF:		BROWNFIELD SA:	NO
TBSA STAFF:		PWP SITE:	NO

REFERRAL INFORMATION

SOURCE:	SUPERFUND - DEP WASTE BUREAU - SUPERFUND SITE DISCOVERY
RECEIVED:	7/6/1987
STAFF:	DEP
PROGRAM:	SUPERFUND - DEP WASTE BUREAU - SUPERFUND SITE DISCOVERY
ASSIGNED:	7/6/1987
COMPLETED:	7/6/1987
OUTCOME:	INVENTORY

ASSESS INFORMATION

ASSESS INFORMATION

TYPE:	SI	STAFF:	DANYLUK, M.
PROGRAM:	FPRE	ASSIGNED:	
DRAFT:	12/16/1992	REVIEWER:	EPA
REVIEWED:		FINAL:	3/5/1993
NFA:	NO		

TYPE:	PA	STAFF:	BEDSON, M.
PROGRAM:	FPRE	ASSIGNED:	
DRAFT:	1/10/1989	REVIEWER:	EPA
REVIEWED:		FINAL:	1/31/1989
NFA:	NO		

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 214	DIST/DIR: 0.02 NE	ELEVATION: 144	MAP ID: 9
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NAME: JIFFY LUBE
ADDRESS: 315 BROAD ST
MANCHESTER CT 06040

REV:
ID1: 1300-1302
ID2:
STATUS: NO
PHONE:

CONTACT:
SOURCE: CT DEP

REPORT DATE: 06-05-91
MATERIAL: STEEL
LOW CAPACITY: 4000
PRODUCT: GAS

FED REG: YES
NUMBER OF TANKS: 3
HIGH CAPACITY: 6000

TANK REMOVED: YES	UNCONTROLLED RELEASE: YES	EMERGENCY: YES	
TANK RELEASE:	PIPING RELEASE: YES	OVERFILL RELEASE:	YES

REMEDATION: SOIL REMOVAL/MONITOR
REFERRED:
COMMENT:

COMPLETE: NO

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 215	DIST/DIR: 0.02 NE	ELEVATION: 144	MAP ID: 9
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NAME: JIFFY LUBE
ADDRESS: 315 BROAD ST
MANCHESTER CT 06040

REV: 7/18/06
ID1: 29834
ID2: 1725
STATUS: INVESTIGATION
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

INCIDENT DATE: 6/5/1991
SPILL CASE ID:
SITS CASE ID:
UST SITE ID:

MATERIAL:

MOTOR FUEL:	-1
DIESEL:	0
GASOLINE:	-1
OTHER	0

CAUSE

LEAK	0
TANK:	0
PIPING:	0
OVERFILL	0
REMOVAL:	0

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

CERCLIS

SEARCH ID: 1	DIST/DIR: 0.02 NE	ELEVATION: 144	MAP ID: 9
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NAME: ABLILITY MACHINE and TOOL COMPANY
ADDRESS: 315 BROAD ST
MANCHESTER CT 06040

REV: 11/30/10
ID1: CTD983869074
ID2: 0101835
STATUS: NOT PROPOSED
PHONE: 6179181436

CONTACT: NANCY SMITH
SOURCE: EPA

ACTION/QUALITY	AGENCY/RPS	START/RAA	END
site reassessment Low priority for further assessment	EPA Fund-Financed		8/2/2001
discovery	State, Fund Financed		10/28/1988
preliminary assessment Low priority for further assessment	State, Fund Financed		1/31/1989
site inspection Low priority for further assessment	State, Fund Financed		4/13/1993

DESCRIPTION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

RCRANLR

SEARCH ID: 12	DIST/DIR: 0.02 NE	ELEVATION: 144	MAP ID: 9
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NAME: ECONOMY OIL CHANGE INC
ADDRESS: 315 BROAD ST
MANCHESTER CT 06040

REV: 11/10/10
ID1: CTD983875758
ID2:
STATUS: NLR
PHONE:

CONTACT:
SOURCE: EPA

SITE INFORMATION

CONTACT INFORMATION: SEAN LINDSAY
315 BROAD ST
MANCHESTER CT 06040

PHONE: 2036478997

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

D000
Lead
Benzene

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 149	DIST/DIR: 0.02 NE	ELEVATION: 144	MAP ID: 9
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NAME: ADDRESS: 315 BROAD ST MANCHESTER CT	REV: 11/18/10 ID1: 200200601 ID2: STATUS: CLOSED PHONE:
CONTACT: NO RESPONSE SOURCE: CT DEP	

SITE INFORMATION

DATE OF RELEASE: 1/28/2002
TIME OF RELEASE: 4:44:00 PM
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 4:44:00 PM
REPORTED BY: DISPATCHER
REPORTER S PHONE: 6734343

MATERIAL RELEASED: GASOLINE
QUANTITY SPILLED: 3 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SPEEDY DRYED

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 45 **DIST/DIR:** 0.02 NE **ELEVATION:** 144 **MAP ID:** 9

NAME: BOLAND BROTHERS OIL
ADDRESS: 315 BROAD ST
MANCHESTER CT 06040

REV: 3/13/01
ID1: 912172
ID2:
STATUS: CLOSED
PHONE: 203 644 313

CONTACT: BOLAND BROTHERS OIL
SOURCE: CT DEP

SITE INFORMATION

INSPECTOR S BADGE NUMBER: 913
REPORT DATE: 06/05/91
ACTUAL TIME: 23
REPORTER: MANCHESTER DISPATCH
MANCHESTER F D
75 CENTER ST
MANCHESTER CT 6040

REPORT TIME: 13

WORK PHONE: 203 647 3262

HOME PHONE:

POLE NUMBER:

INCIDENT TYPE: PETROLEUM

DISCHARGED: GASOLINE/DIESEL

GALLONS:

YARDS:

POUNDS:

CON:

DRUMS:

FEDRAL:

CERCLA:

ACROSS PROPERTY LINES:

EMERGENCY CLEANUP:

REP QUAN:

TOTAL POUNDS:

DESCRIPTION:

DATE: 06/05/91

DATE UNKNOWN:

CONTINUOUS SPILL:

SPILL TIME: 130

RELEASE TERMINATED: Y

ONGOING RELEASE:

UNKNOWN: Y

CONTAINED:

ADDITIONAL INFORMATION: REMOVED (1) 2000 (3) 4000 (1) 1000 TANKS

WATERBODY:

RIVER:

LIS:

TRIBUTARY:

CATCH BASIN:

POND:

AIR:

SURFACE WATER:

GROUND WATER: Y

GROUND SURFACE: Y

INSIDE BUILDING:

OTHER AREA:

TOTAL IN WATER:

TOTAL RECOVERED FROM WATER:

TOTAL RECOVERED: 150

RESPONSIBLE PARTY: BOLAND BROTHERS OIL
16 LIBERTY ST
MANCHESTER CT 6040

PHONE: 203 644 313

ACCEPT RESPONSIBILITY: Y

POLLUTER UNKNOWN:

CLEANUP ACTION TAKEN: TANKS/SOIL REMOVED

NOTIFIED FEDERAL GOVERNMENT:

DUN BRAD:

NOTIFIED FIRE MARSHALL: Y

NOTIFIED COAST GAURD:

NOTIFIED POLICE:

NOTIFIED LOCAL FIRE DEPT: Y

NOTIFIED AQUACULTURE:

NOTIFIED ATTORNEY GENERAL:

NOTIFIED STATE WATER BUREAU:

NOTIFIED STATE DOHS:

NOTIFIED STATE WASTE BUREAU: Y

NOTIFIED STATE AIR BUREAU:

NOTIFIED WEED SOLID WASTE:

NOTIFIED WEED HAZ WASTE:

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 45 **DIST/DIR:** 0.02 NE **ELEVATION:** 144 **MAP ID:** 9

NAME: BOLAND BROTHERS OIL
ADDRESS: 315 BROAD ST
MANCHESTER CT 06040

REV: 3/13/01
ID1: 912172
ID2:
STATUS: CLOSED
PHONE: 203 644 313

CONTACT: BOLAND BROTHERS OIL
SOURCE: CT DEP

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME: 1331
DISCHARGE CLASS: COMMERCIAL

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE: 06/05/91

CAUSE: INGROUND TANK FAILURE

CORRECTIVE ACTION TAKEN: REMOVED TANK SOIL REMOVAL

CONTRACTOR: Y
DID DEP HIRE CONT: N
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: ACETO
ASSIGNED DATE: 06/05/91
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME: BOLAND
16 LIBERTY ST
MANCHESTER CT 6040

CONT NAME: ACETO CONSTR CO
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER: 913
ASSIGNED TIME: 13 31
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER: 4

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED: 06/05/91
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME: SAME
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT: Y
COPY: P

MISCELLANEOUS INFORMATION: REMOVED 5 TANKS and 150 YDS CONTAM SOIL TO EAST WINDSOR LANDFILL MR BOLAND TO HIRE CONSULTANT TO DO HYDROGEOLOGICAL STUDY HIRED FUSS and O NEILL TO PUT IN MONITORING WELLS

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 62 **DIST/DIR:** 0.02 NE **ELEVATION:** 146 **MAP ID:** 10

NAME: MONROE MUFFLER
ADDRESS: 325 BROAD ST
MANCHESTER CT
HARTFORD
CONTACT: COSS, BRIAN
SOURCE: CT DEP

REV: 11/18/10
ID1: 200601293
ID2:
STATUS: CLOSED
PHONE:

REPORT TIME: 3/7/2006 11:33:58 AM
REPORTED BY: JACKIE PERNELL
REPORTER S PHONE: 4636575

MATERIAL RELEASED: DEGREASER
CAUSE OF INCIDENT: DUMPING

EMERGENCY MEASURES: DEGREASER WASHED DOWN STREET FROM CLEANING FLOOR.

UST

SEARCH ID: 195 **DIST/DIR:** 0.02 NE **ELEVATION:** 146 **MAP ID:** 10

NAME: CAPITOL TIRE CO
ADDRESS: 325 BROAD ST
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 10/5/10
ID1: 01264
ID2: 77-1264
STATUS: PERMANENTLY CLOSED
PHONE:

TOTAL NUMBER OF TANKS: 1

SITE INFORMATION

FACILITY ID: 01264

TANK ID: 1264-1
TANK STATUS: PERMANENTLY CLOSED-

DATE INSTALLED: 1/1/1973
SUBSTANCE STORED: USED OIL
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL: BARE OR GALVONIZED STEEL

DATE LAST USED: 11/30/2009
CAPACITY (GALS): 550
TANK PROTECTION:
PIPE PROTECTION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 47 **DIST/DIR:** 0.03 NE **ELEVATION:** 143 **MAP ID:** 11

NAME: BRUCE SIMINS HARTFORD DISPENSING LLC
ADDRESS: 331 BROAD ST
MANCHESTER CT
HARTFORD
CONTACT: EMANUELSON, BRIAN
SOURCE: CT DEP

REV: 11/18/10
ID1: 200905335
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 9/21/2009
TIME OF RELEASE:
ACTION: OTHER

DISCHARGER: BRUCE SIMINS HARTFORD DISPENSING LLC
433 SOUTH MAIN STREET
WEST HARTFORD CT 06107

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 9/21/2009 9:33:38 AM
REPORTED BY: DEP. FIRE MARSHAL TALBOT
REPORTER S PHONE: 6473267

MATERIAL RELEASED: 2 FUEL OIL
QUANTITY SPILLED: 10 YARDS

CAUSE OF INCIDENT: INGROUND TANK FAILURE

EMERGENCY MEASURES: 550 UST REMOVAL WITH FREE PRODUCT, AREA IS BACKFILLED WITH GARBAGE.

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 73	DIST/DIR: 0.03 NE	ELEVATION: 143	MAP ID: 11
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NAME: MVA ADDRESS: 331 BROAD ST MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200400660 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 2/2/2004
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER: MVA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

REPORT TIME: 2/2/2004 2:54:55 PM
REPORTED BY: DISPATCHER DOUGAN
REPORTER S PHONE: 5338625

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: MINOR MVA SANDED BY FIRE DEPT.

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 57 **DIST/DIR:** 0.04 NW **ELEVATION:** 123 **MAP ID:** 12

NAME: M/V ADDRESS: 364 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200201782 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 3/22/2002
TIME OF RELEASE: 12:43:00 PM
ACTION: SANDED

DISCHARGER: M/V
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 3/22/2002 12:56:33 PM
REPORTED BY: DISP ZAJAC
REPORTER S PHONE: 6437373

MATERIAL RELEASED: MOTOR VEHICLE FLUIDS
QUANTITY SPILLED: 3 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: M/V ACCIDENT SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 196	DIST/DIR: 0.04 NW	ELEVATION: 123	MAP ID: 12
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NAME: DandL STORE MANCHESTER PARKADE
ADDRESS: 364 MIDDLE TPKE W
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 10/5/10
ID1: 01125
ID2: 77-1125
STATUS: CURRENTLY IN USE
PHONE:

TOTAL NUMBER OF TANKS: 1

SITE INFORMATION

FACILITY ID: 01125

TANK ID: 1125-1
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 5/1/1963
SUBSTANCE STORED: HEATING OIL
TANK MATERIAL: ASPHALT COATED OR BARE STEEL
PIPE MATERIAL:

DATE LAST USED:
CAPACITY (GALS): 3000
TANK PROTECTION:
PIPE PROTECTION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 60 **DIST/DIR:** 0.04 NE **ELEVATION:** 144 **MAP ID:** 13

NAME: MEINEKE MUFFLER
ADDRESS: 290 BROAD ST
MANCHESTER CT
HARTFORD
CONTACT: TORRES, NEIL
SOURCE: CT DEP

REV: 11/18/10
ID1: 200706039
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 9/18/2007
TIME OF RELEASE:
ACTION: CONTAINED

DISCHARGER: MEINEKE MUFFLER
290 BROAD STREET
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 9/18/2007 12:28:39 PM
REPORTED BY: CHIEF BROWN
REPORTER S PHONE: 2099459

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 10 GAL

CAUSE OF INCIDENT: DUMPING

EMERGENCY MEASURES: FLUSHING RADIATORS INTO STREET AFFECTING CATCH BASIN.

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 92 **DIST/DIR:** 0.04 NE **ELEVATION:** 142 **MAP ID:** 14

NAME: SILKTOWN ROOFING- FIRESTONE BUILDING
ADDRESS: BROAD ST and GREEN MANOR BLVD
MANCHESTER CT

REV: 11/18/10
ID1: 200506799
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 10/10/2005
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER: SILKTOWN ROOFING- FIRESTONE BUILDING
CT

DISCHARGER S PHONE: 6470198
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 10/10/2005
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER: SILKTOWN ROOFING- FIRESTONE BUILDING
CT

DISCHARGER S PHONE: 6470198
ACCEPTS RESPONSIBILITY:

REPORT TIME: 10/10/2005 9:55:08 AM
REPORTED BY: DISPATCH
REPORTER S PHONE: 6437373

MATERIAL RELEASED: FLASHGUARD ADHESIVE 393
QUANTITY SPILLED: 5 GAL

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 167 **DIST/DIR:** 0.04 NE **ELEVATION:** 142 **MAP ID:** 14

NAME:
ADDRESS: BROAD ST and GREEN MANOR BLVD
MANCHESTER CT

REV: 11/18/10
ID1: 9901628
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 3/15/1999
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 3/15/1999 2:21:47 PM
REPORTED BY: DISP 602
REPORTER S PHONE: 6437373

MATERIAL RELEASED: DIESEL FUEL
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SANDED NO DRAINS

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 95 **DIST/DIR:** 0.04 NE **ELEVATION:** 142 **MAP ID:** 14

NAME: TOWN OF MANCHESTER
ADDRESS: BROAD ST and GREEN MANOR BLVD
MANCHESTER CT

REV: 11/18/10
ID1: 9803007
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 5/15/1998
TIME OF RELEASE: 10:14:00 AM
ACTION: SANDED

DISCHARGER: TOWN OF MANCHESTER
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 5/15/1998
TIME OF RELEASE: 10:14:00 AM
ACTION: CLEANED

DISCHARGER: TOWN OF MANCHESTER
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 10:23:00 AM
REPORTED BY: GO1
REPORTER S PHONE: 6437373

MATERIAL RELEASED: HYDRAULIC OIL
QUANTITY SPILLED: 32 GAL

CAUSE OF INCIDENT: TRANSFER LINE FAILURE

EMERGENCY MEASURES: SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 100 **DIST/DIR:** 0.04 NE **ELEVATION:** 144 **MAP ID:** 15

NAME: UNKNOWN	REV: 11/18/10
ADDRESS: 299 BROAD ST	ID1: 9806635
MANCHESTER CT	ID2:
HARTFORD	STATUS: CLOSED
CONTACT: NO RESPONSE	PHONE:
SOURCE: CT DEP	

SITE INFORMATION

DATE OF RELEASE: 9/29/1998
TIME OF RELEASE: 8:42:00 AM
ACTION: SANDED

DISCHARGER: UNKNOWN
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

REPORT TIME: 8:55:00 AM
REPORTED BY: ALEX SAJAC
REPORTER S PHONE: 6437373

MATERIAL RELEASED: DIESEL FUEL
QUANTITY SPILLED: 5 GAL

CAUSE OF INCIDENT: CONTAINER FAILURE

EMERGENCY MEASURES: SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 112 **DIST/DIR:** 0.04 NW **ELEVATION:** 124 **MAP ID:** 16

NAME: ADDRESS: 352 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200201253 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 2/28/2002
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 2/28/2002 4:43:14 PM
REPORTED BY: DISPATCHER 604
REPORTER S PHONE: 6437373

MATERIAL RELEASED: MOTOR OIL
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: FD SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 87 **DIST/DIR:** 0.05 SE **ELEVATION:** 141 **MAP ID:** 17

NAME: SAA ADDRESS: 357 BROAD ST MANCHESTER CT HARTFORD CONTACT: EMANUELSON, BRIAN SOURCE: CT DEP	REV: 11/18/10 ID1: 200001483 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 3/9/2000
TIME OF RELEASE:
ACTION: CONTRACTED

DISCHARGER: SAA
MANCHESTER CT 06040

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

SITE INFORMATION

DATE OF RELEASE: 3/9/2000
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER: SAA
MANCHESTER CT 06040

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

SITE INFORMATION

DATE OF RELEASE: 3/9/2000
TIME OF RELEASE:
ACTION: REMOVED

DISCHARGER: SAA
MANCHESTER CT 06040

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

SITE INFORMATION

DATE OF RELEASE: 3/9/2000
TIME OF RELEASE:
ACTION: CONTAINED

DISCHARGER: SAA
MANCHESTER CT 06040

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 87	DIST/DIR: 0.05 SE	ELEVATION: 141	MAP ID: 17
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NAME: SAA ADDRESS: 357 BROAD ST MANCHESTER CT HARTFORD CONTACT: EMANUELSON, BRIAN SOURCE: CT DEP	REV: 11/18/10 ID1: 200001483 ID2: STATUS: CLOSED PHONE:
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REPORT TIME: 3/9/2000 4:16:26 PM
REPORTED BY: SCOTT BOOTH
REPORTER S PHONE: 6437373

MATERIAL RELEASED: OIL and SOAP
CAUSE OF INCIDENT: DUMPING

EMERGENCY MEASURES: UNKNOWN AMOUNT OF OIL AND SOAP IN DRAIN

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 194 **DIST/DIR:** 0.05 SE **ELEVATION:** 141 **MAP ID:** 17

NAME: BERMAN AND BERGEN TIRE CENTERS
ADDRESS: 357 BROAD ST
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 10/5/10
ID1: 09579
ID2: 77-9579
STATUS: PERMANENTLY CLOSED
PHONE:

TOTAL NUMBER OF TANKS: 3

SITE INFORMATION

FACILITY ID: 09579

TANK ID: 9579-1
TANK STATUS: PERMANENTLY CLOSED-TANK FILLED WITH INERT MATERIAL

DATE INSTALLED:	3/1/1963	DATE LAST USED:	3/1/1979
SUBSTANCE STORED:	GASOLINE	CAPACITY (GALS):	10000
TANK MATERIAL:	ASPHALT COATED OR BARE STEEL	TANK PROTECTION:	
PIPE MATERIAL:		PIPE PROTECTION:	

SITE INFORMATION

FACILITY ID: 09579

TANK ID: 9579-2
TANK STATUS: PERMANENTLY CLOSED-TANK FILLED WITH INERT MATERIAL

DATE INSTALLED:	3/1/1963	DATE LAST USED:	3/1/1979
SUBSTANCE STORED:	GASOLINE	CAPACITY (GALS):	7500
TANK MATERIAL:	ASPHALT COATED OR BARE STEEL	TANK PROTECTION:	
PIPE MATERIAL:		PIPE PROTECTION:	

SITE INFORMATION

FACILITY ID: 09579

TANK ID: 9579-3
TANK STATUS: PERMANENTLY CLOSED-TANK FILLED WITH INERT MATERIAL

DATE INSTALLED:	3/1/1963	DATE LAST USED:	3/1/1979
SUBSTANCE STORED:	GASOLINE	CAPACITY (GALS):	5000
TANK MATERIAL:	ASPHALT COATED OR BARE STEEL	TANK PROTECTION:	
PIPE MATERIAL:		PIPE PROTECTION:	

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 88 **DIST/DIR:** 0.05 NW **ELEVATION:** 123 **MAP ID:** 18

NAME: SAA ADDRESS: 376 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200405672 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 8/17/2004
TIME OF RELEASE: 2:00:00 PM
ACTION: CONTRACTED

DISCHARGER: SAA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 8/17/2004
TIME OF RELEASE: 2:00:00 PM
ACTION: OTHER

DISCHARGER: SAA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 8/17/2004 3:02:55 PM
REPORTED BY: PAUL MCMILLAN
REPORTER S PHONE: 6656420

MATERIAL RELEASED: TRANSFORMER OIL
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: TRANS/CAPAC.

EMERGENCY MEASURES: EQUIP OVERLOAD/CONTENT UNKNOWN/WILL BE SAMPLED/POSSIBLY MORE OIL SPILLED OUT AND UNIT IS STILL HOT.

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 98	DIST/DIR: 0.05 NE	ELEVATION: 144	MAP ID: 19
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NAME: UNKNOWN ADDRESS: 295 BROAD ST MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9906601 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 9/28/1999
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER: UNKNOWN
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 9/28/1999 11:55:44 AM
REPORTED BY: DISP 601
REPORTER S PHONE: 6437373

MATERIAL RELEASED: 2 FUEL OIL
QUANTITY SPILLED: 20 GAL

CAUSE OF INCIDENT: SEEPAGE

EMERGENCY MEASURES: SANDED NO DRAINS

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 151 **DIST/DIR:** 0.06 NE **ELEVATION:** 144 **MAP ID:** 20

NAME: ADDRESS: PARKADE MALL/CHANNEL HARDWARE MANCHESTER CT 06040 CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 911124 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: 913 REPORT DATE: 04/01/91 ACTUAL TIME: 55 REPORTER: JOHN C ROWSA TOWN OF MANCHESTER FIRE CHIEF	REPORT TIME: 15
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WORK PHONE: 203 647 3266 HOME PHONE: POLE NUMBER: INCIDENT TYPE: CHEMICAL GALLONS: POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	DISCHARGED: UNK YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 04/10/91 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: ONGOING RELEASE: CONTAINED:
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ADDITIONAL INFORMATION: REMOVING DRUMS

WATERBODY: LIS: CATCH BASIN: AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: 5 RESPONSIBLE PARTY:	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: OTHER AREA: TOTAL RECOVERED FROM WATER:
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PHONE: POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: REMOVED DRUMS DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 151 **DIST/DIR:** 0.06 NE **ELEVATION:** 144 **MAP ID:** 20

NAME:
ADDRESS: PARKADE MALL/CHANNEL HARDWARE
MANCHESTER CT 06040

REV: 3/13/01
ID1: 911124
ID2:
STATUS: CLOSED
PHONE:

CONTACT:
SOURCE: CT DEP

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: COMMERCIAL

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CAUSE: DUMPING

CORRECTIVE ACTION TAKEN: REMOVED

CONTRACTOR: Y
DID DEP HIRE CONT: N
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: BURTON
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME: TOWN OF MANCHESTER

CONT NAME: TRI-S
HIRE DATE:
SECOND REQUEST: 9
ARRIVED SECOND TIME: 0
BADGE NUMBER: 913
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER: 2

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED: 04/11/91
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT: Y
COPY: P

MISCELLANEOUS INFORMATION: TRI-S ARRIVED 9:00 REPACKED DRUMS FOR DIS-POSAL TOTAL 5 GAL OF PRODUCT IN 3 DRUMS TRI-S LEFT 10:00

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 206	DIST/DIR: 0.06 SE	ELEVATION: 146	MAP ID: 21
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NAME: ST JAMES CEMETERY
ADDRESS: 360 BROAD ST
MANCHESTER CT 06040

REV: 10/5/10
ID1: 01198
ID2: 77-1198
STATUS: PERMANENTLY CLOSED
PHONE:

CONTACT:
SOURCE: CT DEP

TOTAL NUMBER OF TANKS: 1

SITE INFORMATION

FACILITY ID: 01198

TANK ID: 1198-1

TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 3/1/1970

DATE LAST USED: 1/1/1990

SUBSTANCE STORED: GASOLINE

CAPACITY (GALS): 1000

TANK MATERIAL: ASPHALT COATED OR BARE STEEL

TANK PROTECTION:

PIPE MATERIAL: BARE OR GALVONIZED STEEL

PIPE PROTECTION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 48	DIST/DIR: 0.07 NW	ELEVATION: 124	MAP ID: 22
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NAME: CL AND P ADDRESS: 386 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: STAVOLA, ROSANNE SOURCE: CT DEP	REV: 11/18/10 ID1: 200202183 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 4/8/2002
TIME OF RELEASE:
ACTION: CONTRACTED

DISCHARGER: CL AND P
400 SHELDON STREET
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 4/8/2002 2:37:24 PM
REPORTED BY: PAUL MCMILLIAN
REPORTER S PHONE: 2495895

MATERIAL RELEASED: TRANSFORMER OIL
QUANTITY SPILLED: 30 GAL

CAUSE OF INCIDENT: VANDALISM

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: PAD MOUNT TRANSFORMER, WITH BULLET HOLE, WINSTON IS ON SITE 860-841-0020, GALLON IN CATCH BASIN, LESS THAN 2 PPM BY LABEL

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

ERNS

SEARCH ID: 14 **DIST/DIR:** 0.07 NW **ELEVATION:** 124 **MAP ID:** 22

NAME: MANCHESTER PARKADE ADDRESS: 386 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: SOURCE: NRC	REV: 12/31/02 ID1: NRC-598867 ID2: STATUS: FIXED PHONE:
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SITE INFORMATION

THIS INFORMATION WAS OBTAINED FROM THE NATIONAL RESPONSE CENTER

DATE RECEIVED: 4/8/2002 2:27:05 PM 2:35:21 PM	DATE COMPLETE: 4/8/2002
CALL TAKER:	CALL TYPE: INC

RESPONSIBLE PARTY:
PHONE 1:
PHONE 2:
PHONE 3:

RESPONSIBLE COMPANY:
ORGANIZATION TYPE: UNKNOWN

ADDRESS:
XX

SOURCE: TELEPHONE

INCIDENT INFORMATION

INCIDENT DESCRIPTION: THE MATERIAL WAS RELEASED FROM A PAD MOUNTED TRANSFORMER ONTO A PARKING AREA DUE TO A BULLET HOLE.

INCIDENT TYPE: FIXED	INCIDENT CAUSE: OTHER
INCIDENT DATE: 4/8/2002 12:48:00 PM DISCOVERED	INCIDENT DATE DESC:

DISTANCE FROM CITY:	DISTANCE UNITS:
DIRECTION FROM CITY:	LOCATION SECTION:
LOCATION TOWNSHIP:	LOCATION RANGE:

AIRCRAFT TYPE: UNKNOWN	AIRCRAFT MODEL:
AIRCRAFT ID:	AIRCRAFT FUEL CAPACITY:
AIRCRAFT FUEL CAPACITY UNITS:	AIRCRAFT FUEL ON BOARD:
AIRCRAFT FUEL ON BOARD UNITS:	AIRCRAFT SPOT NUMBER:
AIRCRAFT HANGER:	AIRCRAFT RUNWAY NUM:
ROAD MILE MARKER:	BUILDING ID:
TYPE OF FIXED OBJECT: TRANSFORMER	POWER GEN FACILITY: NO
GENERATING CAPACITY:	TYPE OF FUEL:
NPDES:	NPDES COMPLIANCE: UNKNOWN
PIPELINE TYPE:	DOT REGULATED: UNKNOWN
PIPELINE ABOVE GROUND: ABOVE	EXPOSED UNDERWATER: NO
PIPELINE COVERED: UNKNOWN	GRADE CROSSING: NO
LOCATION SUBDIVISION:	RAILROAD MILEPOST:
TYPE VEHICLE INVOLVED:	CROSSING DEVICE TYPE:
DEVICE OPERATIONAL: YES	

DOT CROSSING NUMBER:	BRAKE FAILURE: NO
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- Continued on next page -

JOB: 05.P000408.11

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

ERNS

SEARCH ID: 14 **DIST/DIR:** 0.07 NW **ELEVATION:** 124 **MAP ID:** 22

NAME: MANCHESTER PARKADE ADDRESS: 386 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: SOURCE: NRC	REV: 12/31/02 ID1: NRC-598867 ID2: STATUS: FIXED PHONE:
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COMMUNITY IMPACT: NO	WIND SPEED UNITS:	
EMPLOYEE INJURIES:	PASSENGER INJURIES:	
OCCUPANT FATALITY:	CURRENT SPEED UNITS:	
ROAD CLOSURE UNITS:	TRACK CLOSURE UNITS:	
SHEEN SIZE UNITS:	STATE AGENCY NOTIFIED:	
FED AGENCY NOTIFIED:	NEAREST RIVER MILE MARK:	
SHEEN SIZE LENGTH:	SHEEN SIZE LENGTH UNITS:	
SHEEN SIZE WIDTH:	SHEEN SIZE WIDTH UNITS:	
OFFSHORE: N	DURATION UNIT:	
RELEASE RATE UNIT:	RELEASE RATE RATE:	

ADDITIONAL INFO: CALLER STATED THE RELEASE CONTAINED LESS THAN ONE PARTS PER MILLION OF PCB
S. CALLER STATED PART OF THE PARKING AREA HAS BEEN BLOCKED. CALLER PLANS TO NOTIFY THE CTDEP.

MATERIAL INFORMATION

CHRIS CODE: OTF	CASE NUMBER: 000000-00-0	
UN NUMBER:	REACHED WATER: YES	

NAME OF MATERIAL:	OIL, MISC; TRANSFORMER
AMOUNT OF MATERIAL:	30 GALLON(S)
AMOUNT IN WATER:	1 GALLON(S)

CHRIS CODE: PCB	CASE NUMBER: 000000-00-0	
UN NUMBER:	REACHED WATER: YES	

NAME OF MATERIAL:	POLYCHLORINATED BIPHENYLS
AMOUNT OF MATERIAL:	1 PART(S) PER MILLION
AMOUNT IN WATER:	1 PART(S) PER MILLION

OTHER MATERIAL INFORMATION

MOBILE DETAILS INFORMATION

TRAIN INFORMATION

VESSEL INFORMATION

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 197 **DIST/DIR:** 0.08 NE **ELEVATION:** 151 **MAP ID:** 23

NAME: DE CORMIER MOTOR SALES INC ADDRESS: 285 BROAD ST MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 10/5/10 ID1: 01233 ID2: 77-1233 STATUS: PERMANENTLY CLOSED PHONE:
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TOTAL NUMBER OF TANKS: 3

SITE INFORMATION

FACILITY ID: 01233 TANK ID: 1233-1 TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND DATE INSTALLED: 10/1/1960 SUBSTANCE STORED: USED OIL TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: 8/1/1988 CAPACITY (GALS): 200 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01233 TANK ID: 1233-2 TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND DATE INSTALLED: 10/1/1960 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: 8/1/1988 CAPACITY (GALS): 1000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01233 TANK ID: 1233-3 TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND DATE INSTALLED: 10/1/1960 SUBSTANCE STORED: USED OIL TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: 8/1/1988 CAPACITY (GALS): 1000 TANK PROTECTION: PIPE PROTECTION:
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***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

RCRANLR

SEARCH ID: 11	DIST/DIR: 0.08 NE	ELEVATION: 151	MAP ID: 23
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NAME: DE CORMIER MOTOR SALES INC
ADDRESS: 285 BROAD ST
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: EPA

REV: 11/10/10
ID1: CTD018704031
ID2:
STATUS: NLR
PHONE:

SITE INFORMATION

CONTACT INFORMATION: WILLIAM DECORMIER
285 BROAD ST
MANCHESTER CT 06040

PHONE: 2036435159

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

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; a D000

Ignitable waste

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 contain

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

RCRAGN

SEARCH ID: 6	DIST/DIR: 0.08 NE	ELEVATION: 151	MAP ID: 23
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NAME: DE CORMIER MOTOR SALES INC
ADDRESS: 285 BROAD ST
MANCHESTER CT 06040
HARTFORD
CONTACT: WILLIAM DECORMIER
SOURCE: EPA

REV: 10/8/02
ID1: CTD018704031
ID2:
STATUS: VGN
PHONE: 2036435159

CT MANIFEST INFORMATION

<u>MANIFEST ID</u>	<u>SHIPPED</u>	<u>TSD ID</u>	<u>TRANS ID</u>	<u>QTY</u>	<u>MATERIAL</u>
CTF0087372	12/02/1991	CTD021816889	CTD021816889	0060 G	WASTE FLAMMABLE LIQUID

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

RCRANLR

SEARCH ID: 13	DIST/DIR: 0.08 NW	ELEVATION: 124	MAP ID: 24
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NAME: PARKADE CLEANERS
ADDRESS: 394 MIDDLE TPKE W
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: EPA

REV: 11/10/10
ID1: CTD047708086
ID2:
STATUS: NLR
PHONE:

SITE INFORMATION

CONTACT INFORMATION: EVA LIBITZKY
394 W MIDDLE TNPk
MANCHESTER CT 06040

PHONE: 2036495559

UNIVERSE INFORMATION:

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

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
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 contain
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; a

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

RCRAGN

SEARCH ID: 7	DIST/DIR: 0.08 NW	ELEVATION: 124	MAP ID: 24
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NAME: PARKADE CLEANERS
ADDRESS: 394 MIDDLE TPKE W
MANCHESTER CT 06040
HARTFORD
CONTACT: EVA LIBITZKY
SOURCE: EPA

REV: 10/8/02
ID1: CTD047708086
ID2:
STATUS: VGN
PHONE: 2036495559

CT MANIFEST INFORMATION

<u>MANIFEST ID</u>	<u>SHIPPED</u>	<u>TSD ID</u>	<u>TRANS ID</u>	<u>QTY</u>	<u>MATERIAL</u>
CTF0321306	07/13/1994	CTD000845982	ILD984908202	0195 P	WASTE TETRACHLOROETHYLENE

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 97 **DIST/DIR:** 0.08 NE **ELEVATION:** 153 **MAP ID:** 25

NAME: UNK.
ADDRESS: BOAD WENDYS RESTAURANT ST
MANCHESTER CT

REV: 11/18/10
ID1: 9901634
ID2:
STATUS: CLOSED
PHONE:

CONTACT: STAVOLA, ROSANNE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 3/15/1999
TIME OF RELEASE:
ACTION: NONE REQUIRED

DISCHARGER: UNK.
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

REPORT TIME: 3/15/1999 3:58:33 PM
REPORTED BY: DISP
REPORTER S PHONE: 7695560

MATERIAL RELEASED: OIL
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: CONTAINER FAILURE

EMERGENCY MEASURES: FIRE DEPT. ONSITE/916 ONROUTE

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 77 **DIST/DIR:** 0.09 SE **ELEVATION:** 153 **MAP ID:** 26

NAME: NORTHEAST UTILITIES ADDRESS: 381 BROAD ST MANCHESTER CT 06040 CONTACT: NORTHEAST UTILITIES SOURCE: CT DEP	REV: 3/13/01 ID1: 961316 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR REPORT DATE: 03/25/96 ACTUAL TIME: 35 REPORTER: BOB BROWN C LandP WORK PHONE: 860 249 5895 HOME PHONE: POLE NUMBER: INCIDENT TYPE: DIELECT GALLONS: 5 POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	REPORT TIME: 11 DISCHARGED: TRANSFORMER OIL YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 03/25/96 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: 1120 ONGOING RELEASE: CONTAINED: Y
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ADDITIONAL INFORMATION:

WATERBODY: LIS: CATCH BASIN: AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: 5 RESPONSIBLE PARTY: NORTHEAST UTILITIES	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: Y OTHER AREA: TOTAL RECOVERED FROM WATER:
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------

PHONE: POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: Y NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 77 **DIST/DIR:** 0.09 SE **ELEVATION:** 153 **MAP ID:** 26

NAME: NORTHEAST UTILITIES
ADDRESS: 381 BROAD ST
MANCHESTER CT 06040

REV: 3/13/01
ID1: 961316
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NORTHEAST UTILITIES
SOURCE: CT DEP

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS:

UTILITY

CAUSE: TRANS/CAPACITOR

CORRECTIVE ACTION TAKEN: CONTAINED/REMOVED

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: STAVOLA
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 147	DIST/DIR: 0.09 SE	ELEVATION: 153	MAP ID: 26
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NAME: ADDRESS: 381 BROAD ST MANCHESTER CT CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200205718 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 8/18/2002
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 8/18/2002 4:52:33 PM
REPORTED BY: DISPATCHER SISE
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 102 **DIST/DIR:** 0.09 NE **ELEVATION:** 152 **MAP ID:** 27

NAME: UNKNOWN MOTORIST	REV: 11/18/10
ADDRESS: 277 BROAD ST	ID1: 200305141
MANCHESTER CT	ID2:
HARTFORD	STATUS: CLOSED
CONTACT: NO RESPONSE	PHONE:
SOURCE: CT DEP	

SITE INFORMATION

DATE OF RELEASE: 7/9/2003
TIME OF RELEASE:
ACTION: CONTAINED

DISCHARGER: UNKNOWN MOTORIST
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

SITE INFORMATION

DATE OF RELEASE: 7/9/2003
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER: UNKNOWN MOTORIST
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

REPORT TIME: 7/9/2003 1:43:16 PM
REPORTED BY: PD DISPATCH
REPORTER S PHONE: 5338625

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: MVA, CONTENTS OF 1 RADIATOR, NO DRAINS INVOLVED, FD TO SAND

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 120 **DIST/DIR:** 0.11 NW **ELEVATION:** 137 **MAP ID:** 28

NAME: ADDRESS: 354 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200603432 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 6/9/2006
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 6/9/2006 5:00:02 PM
REPORTED BY: 9
REPORTER S PHONE: 5338625

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 3 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 139 **DIST/DIR:** 0.11 NE **ELEVATION:** 149 **MAP ID:** 29

NAME: ADDRESS: 260 BROAD ST MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200405954 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 8/27/2004
TIME OF RELEASE: 7:21:00 PM
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 8/27/2004
TIME OF RELEASE: 7:21:00 PM
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 8/27/2004 7:21:05 PM
REPORTED BY: GARRISON
REPORTER S PHONE: 5338625

MATERIAL RELEASED: GASOLINE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: TWO GALLON OF GASOLINE/ SPEEDY DRY / NO WATERWAYS

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 138	DIST/DIR: 0.11 NE	ELEVATION: 149	MAP ID: 29
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NAME: ADDRESS: 260 BROAD ST MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200905763 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 10/8/2009
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 10/8/2009 3:20:04 PM
REPORTED BY: MANCHESTER FD
REPORTER S PHONE: 5338625

MATERIAL RELEASED: MOTOR VEHICLE FLUIDS
QUANTITY SPILLED: 0.5 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: MIXED FLUIDS.

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 123 **DIST/DIR:** 0.12 NW **ELEVATION:** 126 **MAP ID:** 30

NAME: ADDRESS: 406 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200207883 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 11/9/2002
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 11/9/2002 5:20:13 PM
REPORTED BY: BOB SODERBURG
REPORTER S PHONE: 2495895

MATERIAL RELEASED: TRANSFORMER OIL
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: < 1 PPM, CLEANED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 56 **DIST/DIR:** 0.13 NW **ELEVATION:** 131 **MAP ID:** 31

NAME: M.V.A ADDRESS: 356 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200002038 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 3/31/2000
TIME OF RELEASE:
ACTION: CONTAINED

DISCHARGER: M.V.A
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 3/31/2000
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER: M.V.A
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 3/31/2000 11:40:12 AM
REPORTED BY: DISPATCHER EASTON
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: M.V.A - SANDED IN PLACE BY FIRE DEPARTMENT

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 113 **DIST/DIR:** 0.13 NW **ELEVATION:** 131 **MAP ID:** 31

NAME: ADDRESS: 356 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200207806 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 11/6/2002
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 11/6/2002 5:39:47 PM
REPORTED BY: DISP 603
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 5 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SPEEDY DRIED, ONE RADIATORS CONTENTS

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 114 **DIST/DIR:** 0.13 NW **ELEVATION:** 131 **MAP ID:** 31

NAME: ADDRESS: 356 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200002323 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 4/10/2000
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 4/10/2000
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 4/10/2000 10:28:28 PM
REPORTED BY: 603
REPORTER S PHONE: 6437373

MATERIAL RELEASED: TRANSMISSION OIL
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 148	DIST/DIR: 0.13 SE	ELEVATION: 162	MAP ID: 32
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NAME: ADDRESS: 410 BROAD ST MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200802543 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 4/27/2008
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 4/27/2008 3:58:53 PM
REPORTED BY: SEAN
REPORTER S PHONE: 6455500

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: CONTENTS OF RADIATOR.

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

RCRAGN

SEARCH ID: 8 **DIST/DIR:** 0.14 NW **ELEVATION:** 149 **MAP ID:** 33

NAME: R T COACHWORKS
ADDRESS: 244 BROAD ST
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: EPA

REV: 11/10/10
ID1: CTD981885684
ID2:
STATUS: SGN
PHONE:

SITE INFORMATION

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: N - NO
GPRA POST CLOSURE: N - NO
GPRA CA: N - NO

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: N - NO
GPRA POST CLOSURE: N - NO
GPRA CA: N - NO
GPRA COMPLIANCE MONITORING and ENFORCEMENT: N - NO

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO

SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC: N - NO

PERMIT WORKLOAD: ----

CLOSURE WORKLOAD: ----

POST CLOSURE WORKLOAD: ----

PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: ----

CORRECTIVE ACTION WORKLOAD: N - NO

GENERATOR STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000
KG/MONTH OF HAZARDOUS WASTE

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

D000

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 Ignitable waste

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

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

OTHER

SEARCH ID: 189 **DIST/DIR:** 0.14 NW **ELEVATION:** 149 **MAP ID:** 33

NAME: R.T. COACHWORKS ADDRESS: 244 BROAD ST MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 11/21/01 ID1: 4429 ID2: STATUS: TRANSFER ACT PHONE:
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INFORMATION

ESTABLISHMENT:	R.T. COACHWORKS (LEASE)		
SELLER:	STEVEN A. ROSS		
BUYER:	ROSS COACHWORKS, INC.		
FORM:	FORM I	RECEIVED:	9/9/1993
ACKNOWLEDGED:	11/12/1993	RETURNED:	
CERTIFIED:		REVISED:	
ECAF RECEIVED:		ECAF REVIEWED:	

STATUS:

STAFF:

CERTIFIER:

FIRST PAYMENT:	\$200	SECOND PAYMENT:	\$
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COMMENTS:

INFORMATION

ESTABLISHMENT:	R.T. COACHWORKS (STOCK)		
SELLER:	WILLIAM T. POLESHUK		
BUYER:	EDWARD J. DYMENT		
FORM:	FORM I	RECEIVED:	9/9/1993
ACKNOWLEDGED:	11/9/1993	RETURNED:	
CERTIFIED:		REVISED:	
ECAF RECEIVED:		ECAF REVIEWED:	

STATUS:

STAFF:

CERTIFIER:

FIRST PAYMENT:	\$200	SECOND PAYMENT:	\$
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COMMENTS:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 37 **DIST/DIR:** 0.14 NW **ELEVATION:** 149 **MAP ID:** 33

NAME: R.T. COACHWORKS
ADDRESS: 244 BROAD ST
MANCHESTER CT
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 4429
ID2:
STATUS: SUSPECTED
PHONE:

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

R.T. COACHWORKS (STOCK)
R.T. COACHWORKS (LEASE)

COMMENTS:

INFORMATION

ESTABLISHMENT: R.T. COACHWORKS (STOCK)
SELLER: WILLIAM T. POLESHUK
BUYER: EDWARD J. DYMENT

FORM: FORM I **RECEIVED:** 9/9/1993
ACKNOWLEDGED: 11/9/1993 **RETURNED:**
CERTIFIED: **REVISED:**
ECAF RECEIVED: **ECAF REVIEWED:**

STATUS:

STAFF:

CERTIFIER:

FIRST PAYMENT: \$200 **SECOND PAYMENT:** \$

COMMENTS:

INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 37 **DIST/DIR:** 0.14 NW **ELEVATION:** 149 **MAP ID:** 33

NAME: R.T. COACHWORKS
ADDRESS: 244 BROAD ST
MANCHESTER CT
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 4429
ID2:
STATUS: SUSPECTED
PHONE:

ESTABLISHMENT: R.T. COACHWORKS (LEASE)
SELLER: STEVEN A. ROSS
BUYER: ROSS COACHWORKS, INC.

FORM: FORM I **RECEIVED:** 9/9/1993
ACKNOWLEDGED: 11/12/1993 **RETURNED:**
CERTIFIED: **REVISED:**
ECAF RECEIVED: **ECAF REVIEWED:**

STATUS:

STAFF:

CERTIFIER: ,

FIRST PAYMENT: \$200 **SECOND PAYMENT:** \$

COMMENTS:

REFERRAL INFORMATION

SOURCE: PTP - PROPERTY TRANSFER PROGRAM
RECEIVED: 9/9/1993
STAFF:
PROGRAM: PTP - PROPERTY TRANSFER PROGRAM
ASSIGNED:
COMPLETED: 9/9/1993
OUTCOME: PTP

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

OTHER

SEARCH ID: 190 **DIST/DIR:** 0.14 NW **ELEVATION:** 149 **MAP ID:** 33

NAME: ROUTE COACHWORKS AUTOBODY
ADDRESS: 244 BROAD ST
MANCHESTER CT
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: CTOT-0509-909
ID2:
STATUS: PTP
PHONE:

SITE INFORMATION

SITE INFORMATION

SITE INFORMATION

TRANSFEROR (SELLER): STEVEN A. ROSS
TRANSFeree (BUYER): ROSS COACHWORKS, INC.
CERTIFYING PARTY (CP):
CP ATTENTION PERSON:
TITLE OF CP:
CP ADDRESS:

,

FORM: I
DATE RECEIVED: 9/9/1993
DATE ACKNOWLEDGED: 11/12/1993
DETERMINATION DATE:

TRANSFEROR (SELLER): WILLIAM T. POLESHUK
TRANSFeree (BUYER): EDWARD J. DYMENT
CERTIFYING PARTY (CP):
CP ATTENTION PERSON:
TITLE OF CP:
CP ADDRESS:

,

FORM: I
DATE RECEIVED: 9/9/1993
DATE ACKNOWLEDGED: 11/9/1993
DETERMINATION DATE:

TRANSFEROR (SELLER): STEVEN AND FRANI ROSS
TRANSFeree (BUYER): JREC, LLC
CERTIFYING PARTY (CP): STEVEN A. ROSS
CP ATTENTION PERSON: STEVEN A. ROSS
TITLE OF CP: OWNER
CP ADDRESS: 14 SANDALWOOD LANE
OLD LYME , CT 06371

FORM: III
DATE RECEIVED: 2/25/2008
DATE ACKNOWLEDGED: 5/5/2008
DETERMINATION DATE: 5/29/2008

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 50 **DIST/DIR:** 0.14 NE **ELEVATION:** 149 **MAP ID:** 34

NAME: CTS ADDRESS: 257 BROAD ST MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200804561 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 7/21/2008
TIME OF RELEASE: 12:00:00 PM
ACTION: CLEANED

DISCHARGER: CTS
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 7/21/2008
TIME OF RELEASE: 12:00:00 PM
ACTION: OTHER

DISCHARGER: CTS
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 7/21/2008
TIME OF RELEASE: 12:00:00 PM
ACTION: REMOVED

DISCHARGER: CTS
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 7/21/2008 1:15:31 PM
REPORTED BY: SHAY ROSEMEN
REPORTER S PHONE: 5661710

MATERIAL RELEASED: LATEX PAINT
QUANTITY SPILLED: 30 GAL

CAUSE OF INCIDENT: CONTAINER FAILURE

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 168	DIST/DIR: 0.14 NE	ELEVATION: 149	MAP ID: 34
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NAME: ADDRESS: 257 BROAD ST MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200602843 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 5/16/2006
TIME OF RELEASE: 11:51:00 AM
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 5/16/2006 12:53:38 PM
REPORTED BY: APRIL URBAN
REPORTER S PHONE: 6436636

MATERIAL RELEASED: LATEX PAINT
QUANTITY SPILLED: 15 GAL

CAUSE OF INCIDENT: CONTAINER FAILURE

EMERGENCY MEASURES: ABSORBANTS APPLIED - 80-90 % ABSORBED.

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 53 **DIST/DIR:** 0.14 NW **ELEVATION:** 120 **MAP ID:** 35

NAME: JASON WRIGHT ADDRESS: 408 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: JASON WRIGHT SOURCE: CT DEP	REV: 3/13/01 ID1: 936428 ID2: STATUS: CLOSED PHONE: 203 291 492
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: 936 REPORT DATE: 11/26/93 ACTUAL TIME: 43 REPORTER: DISP DAPPOLLONI FIRE DEPT	REPORT TIME: 15
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WORK PHONE: 203 647 3262 HOME PHONE: POLE NUMBER: INCIDENT TYPE: PETROLEUM GALLONS: 2 POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	DISCHARGED: MOTOR OIL YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 11/26/93 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: ONGOING RELEASE: CONTAINED: Y
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ADDITIONAL INFORMATION: DEP CHIEF MCDONALD ON SITE

WATERBODY: LIS: CATCH BASIN: Y AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: 2 TOTAL RECOVERED: 2 RESPONSIBLE PARTY: JASON WRIGHT 5B DOWNEY DRIVE MANCHESTER CT 6040	RIVER: TRIBUTARY: POND: SURFACE WATER: Y GROUND SURFACE: OTHER AREA: TOTAL RECOVERED FROM WATER: 2
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PHONE: 203 291 492 POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: SORBENTS DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: Y NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 53 **DIST/DIR:** 0.14 NW **ELEVATION:** 120 **MAP ID:** 35

NAME: JASON WRIGHT ADDRESS: 408 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: JASON WRIGHT SOURCE: CT DEP	REV: 3/13/01 ID1: 936428 ID2: STATUS: CLOSED PHONE: 203 291 492
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PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: DISCHARGE CLASS: PRIVATE	NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE:
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CAUSE: DUMPING

CORRECTIVE ACTION TAKEN: CONTAINED/REMOVED

CONTRACTOR: DID DEP HIRE CONT: WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: DECAPRIO ASSIGNED DATE: 11/26/93 NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: CASE NUMBER 2: PIN: INC CODE: OTHER OWNER: PROP NAME:	CONT NAME: HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: 936 ASSIGNED TIME: 15 45 NOTIFICATION STATUS: CASE NUMBER: FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER:
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: 11/26/93 QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: Y COPY: 2
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MISCELLANEOUS INFORMATION: JASON WRIGHT DUMPED MOTOR OIL INTO CATCH M P D ARRESTED WRIGHT FD CLEANED CATCH BASINS

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 152 **DIST/DIR:** 0.14 SE **ELEVATION:** 164 **MAP ID:** 36

NAME: ADDRESS: 425 BROAD ST MANCHESTER CT	REV: 11/18/10 ID1: 200700426 ID2: STATUS: CLOSED PHONE:
CONTACT: NO RESPONSE SOURCE: CT DEP	

SITE INFORMATION

DATE OF RELEASE: 1/21/2007
TIME OF RELEASE: 12:56:00 PM
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 1/21/2007 12:56:07 PM
REPORTED BY: DISPATCHER
REPORTER S PHONE: 5338625

MATERIAL RELEASED: GASOLINE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 86 **DIST/DIR:** 0.14 SE **ELEVATION:** 164 **MAP ID:** 36

NAME: SAA
ADDRESS: BROAD ST
MANCHESTER CT

REV: 11/18/10
ID1: 200506531
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 9/29/2005
TIME OF RELEASE: 3:47:00 PM
ACTION: CONTRACTED

DISCHARGER: SAA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 9/29/2005
TIME OF RELEASE: 3:47:00 PM
ACTION: OTHER

DISCHARGER: SAA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 9/29/2005 3:59:49 PM
REPORTED BY: KEN HYNES
REPORTER S PHONE: 2501926

MATERIAL RELEASED: TRANSFORMER OIL
QUANTITY SPILLED: 10 GAL

CAUSE OF INCIDENT: TRANS/CAPAC.

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: PCB TO BE SAMPLED/PRESUMED CONTAMINATED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 153 **DIST/DIR:** 0.14 SE **ELEVATION:** 164 **MAP ID:** 36

NAME:
ADDRESS: 425 BROAD ST
MANCHESTER CT

REV: 11/18/10
ID1: 200503291
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 5/28/2005
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 5/28/2005 10:13:06 AM
REPORTED BY: 5159
REPORTER S PHONE: 5338625

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 143	DIST/DIR: 0.14 SE	ELEVATION: 164	MAP ID: 36
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NAME: ADDRESS: 425 BROAD ST MANCHESTER CT	REV: 11/18/10 ID1: 200407055 ID2: STATUS: CLOSED PHONE:
CONTACT: NO RESPONSE SOURCE: CT DEP	

SITE INFORMATION

DATE OF RELEASE: 10/11/2004
TIME OF RELEASE: 6:23:00 PM
ACTION: REFERRED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 10/11/2004 6:23:39 PM
REPORTED BY: DONAHUE
REPORTER S PHONE: 5338625

MATERIAL RELEASED: UNKNOWN SUBSTANCE
CAUSE OF INCIDENT: SEEPAGE

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: UNKNOWN SUBSTANCE AND UNKNOWN AMOUNT OF FLUID LEAKING

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 144	DIST/DIR: 0.14 SE	ELEVATION: 164	MAP ID: 36
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NAME: ADDRESS: 425 BROAD ST MANCHESTER CT CONTACT: EMANUELSON, BRIAN SOURCE: CT DEP	REV: 11/18/10 ID1: 9908245 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 12/7/1999
TIME OF RELEASE:
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 12:33:00 AM
REPORTED BY: MANCHESTER FIRE
REPORTER S PHONE: 6437373

MATERIAL RELEASED: DIESEL FUEL
QUANTITY SPILLED: 30 GAL

CAUSE OF INCIDENT: MV ACCIDENT

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: SPILL INTO STORM DRAIN

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 145	DIST/DIR: 0.14 SE	ELEVATION: 164	MAP ID: 36
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NAME: ADDRESS: 425 BROAD ST MANCHESTER CT CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9806568 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 9/26/1998
TIME OF RELEASE: 12:06:00 AM
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 12:16:00 AM
REPORTED BY: MANCHESTER FIRE 603
REPORTER S PHONE: 6437373

MATERIAL RELEASED: MOTOR OIL
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: HOSE FAILURE

EMERGENCY MEASURES: SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 154 **DIST/DIR:** 0.14 SE **ELEVATION:** 164 **MAP ID:** 36

NAME: ADDRESS: BROAD ST MANCHESTER CT CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200500016 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 1/3/2005
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 1/3/2005 10:00:36 AM
REPORTED BY: DOUGAN
REPORTER S PHONE: 5338625

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SPEEDY DRY. PREVIOUSLY ASSIGNED CASE 2004-08919.

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 76 **DIST/DIR:** 0.14 SE **ELEVATION:** 164 **MAP ID:** 36

NAME: NABISCO FOODS
ADDRESS: 425 BROAD ST
MANCHESTER CT

REV: 11/18/10
ID1: 200009260
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 12/8/2000
TIME OF RELEASE:
ACTION: REMOVED
DISCHARGER: NABISCO FOODS
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 12/8/2000
TIME OF RELEASE:
ACTION: CONTAINED
DISCHARGER: NABISCO FOODS
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 12/8/2000 8:03:46 AM
REPORTED BY: DISP. 605
REPORTER S PHONE: 6437373

MATERIAL RELEASED: DIESEL FUEL
QUANTITY SPILLED: 20 GAL

CAUSE OF INCIDENT: FUEL TANK FAILURE

EMERGENCY MEASURES: TRUCK WITH LEAKING SADDLE TANK, FD ON SCENE ATTEMPTING TO STOP LEAK AND CONTAIN SPILL, REQUESTING RESPONSE, FD CALLED BACK AND ADVISED SPILL CONTAINED AND REMOVED, NO RESPONSE NECESSARY

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 129	DIST/DIR: 0.14 SW	ELEVATION: 142	MAP ID: 37
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NAME: ADDRESS: 157 SAINT JOHNS ST MANCHESTER CT CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200207726 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 11/3/2002
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 11/3/2002 1:03:39 PM
REPORTED BY: PETER CORNNORTON
REPORTER S PHONE: 6473216

MATERIAL RELEASED: RAW SEWAGE
QUANTITY SPILLED: 100 GAL

CAUSE OF INCIDENT: BLOW BACK

EMERGENCY MEASURES: CLEANED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

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SEARCH ID: 199	DIST/DIR: 0.14 NW	ELEVATION: 128	MAP ID: 38
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NAME: FIRST FEDERAL SAVINGS and LOAN, E. HTFD.
ADDRESS: 344 MIDDLE TPKE W
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 10/5/10
ID1: 09040
ID2: 77-9040
STATUS: PERMANENTLY CLOSED
PHONE:

TOTAL NUMBER OF TANKS: 1

SITE INFORMATION

FACILITY ID: 09040

TANK ID: 9040-1

TANK STATUS: PERMANENTLY CLOSED-TANK WAS ABANDONED IN GROUND

DATE INSTALLED: 5/1/1974

SUBSTANCE STORED: HEATING OIL

TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3)

PIPE MATERIAL:

DATE LAST USED:

CAPACITY (GALS): 4000

PIPE PROTECTION:

TANK PROTECTION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 107 **DIST/DIR:** 0.15 NW **ELEVATION:** 151 **MAP ID:** 39

NAME: ADDRESS: 328 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 201003482 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 6/11/2010
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 6/11/2010 3:11:13 PM
REPORTED BY: DISP SISE
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ENGINE OIL
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: 2 QUARTS

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 108 **DIST/DIR:** 0.15 NW **ELEVATION:** 151 **MAP ID:** 39

NAME: ADDRESS: 328 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200505550 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 8/20/2005
TIME OF RELEASE: 5:24:00 PM
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 8/20/2005
TIME OF RELEASE: 5:24:00 PM
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 8/20/2005 5:36:06 PM
REPORTED BY: 7
REPORTER S PHONE: 5338625

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 109 **DIST/DIR:** 0.15 NW **ELEVATION:** 151 **MAP ID:** 39

NAME: ADDRESS: 328 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200208965 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 12/27/2002
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 12/27/2002 7:47:23 PM
REPORTED BY: JOSH STODDARD
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 119	DIST/DIR: 0.15 SE	ELEVATION: 160	MAP ID: 40
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NAME:
ADDRESS: RIDGEWOOD ST and ROOSEVELT ST
MANCHESTER CT

REV: 11/18/10
ID1: 200306185
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 8/21/2003
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 8/21/2003 9:03:21 PM
REPORTED BY: CONNORTON PETER
REPORTER S PHONE: 3890924

MATERIAL RELEASED: RAW SEWAGE
QUANTITY SPILLED: 40 GAL

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: DRAINED DOWN AND TREATED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 125 **DIST/DIR:** 0.15 NW **ELEVATION:** 119 **MAP ID:** 41

NAME: ADDRESS: 410 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200901782 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 4/10/2009
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 4/10/2009 9:42:53 PM
REPORTED BY: MURDOCK
REPORTER S PHONE: 5338625

MATERIAL RELEASED: GASOLINE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: FUEL TANK FAILURE

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 126 **DIST/DIR:** 0.15 NW **ELEVATION:** 119 **MAP ID:** 41

NAME: ADDRESS: 410 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200606038 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 9/22/2006
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 9/22/2006
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 8:20:00 PM
REPORTED BY: DOOLEY
REPORTER S PHONE: 5338625

MATERIAL RELEASED: GASOLINE
QUANTITY SPILLED: 5 GAL

CAUSE OF INCIDENT: FUEL TANK FAILURE

EMERGENCY MEASURES: 5 GALLONS GAS LEAKED FROM A MOTOR VEHICLE - FIRE PUT DOWN SAND AND CLEANED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 49 **DIST/DIR:** 0.16 NW **ELEVATION:** 150 **MAP ID:** 42

NAME: CLandP ADDRESS: 242 BROAD ST MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200601888 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 4/4/2006
TIME OF RELEASE:
ACTION: CONTRACTED

DISCHARGER: CLandP
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 4/4/2006
TIME OF RELEASE:
ACTION: REMOVED

DISCHARGER: CLandP
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 4/4/2006
TIME OF RELEASE:
ACTION: CONTAINED

DISCHARGER: CLandP
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 4/4/2006 10:54:17 AM
REPORTED BY: WILLIAM BILLINGS
REPORTER S PHONE: 6656421

MATERIAL RELEASED: TRANSFORMER OIL
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: TRANS/CAPAC.

EMERGENCY MEASURES: TRANSFORMER LEAKED TO PAVEMENT, ESI CONTRACTED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 66 **DIST/DIR:** 0.16 NW **ELEVATION:** 128 **MAP ID:** 43

NAME: MULTIPLE MOTORISTS	REV: 11/18/10
ADDRESS: 355 MIDDLE TPKE W MANCHESTER CT HARTFORD	ID1: 200306496
CONTACT: NO RESPONSE	ID2:
SOURCE: CT DEP	STATUS: CLOSED
	PHONE:

SITE INFORMATION

DATE OF RELEASE: 9/4/2003
TIME OF RELEASE: 1:49:00 PM
ACTION: CONTAINED

DISCHARGER: MULTIPLE MOTORISTS
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 9/4/2003 2:05:32 PM
REPORTED BY: DISP. CHRISTIANSEN
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 3 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SAND

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 122	DIST/DIR: 0.16 NW	ELEVATION: 128	MAP ID: 43
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NAME: ADDRESS: 355 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9907713 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 11/11/1999
TIME OF RELEASE: 4:25:00 PM
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 4:25:00 PM
REPORTED BY: EASTON
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 3 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 67 **DIST/DIR:** 0.16 NW **ELEVATION:** 119 **MAP ID:** 44

NAME: MVA ADDRESS: 412 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200002545 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 4/19/2000
TIME OF RELEASE: 1:41:00 PM
ACTION: OTHER

DISCHARGER: MVA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

REPORT TIME: 4/19/2000 1:47:54 PM
REPORTED BY: DISP EASTON
REPORTER S PHONE: 6437373

MATERIAL RELEASED: MOTOR VEHICLE FLUIDS
QUANTITY SPILLED: 0.75 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: MVA, SPEEDI DRI APPLIED.

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 128 **DIST/DIR:** 0.16 NW **ELEVATION:** 119 **MAP ID:** 44

NAME: ADDRESS: 412 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 943510 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: 933 REPORT DATE: 06/29/94 ACTUAL TIME: 6 REPORTER: DISP GASKELL POLICE/FIRE DEPT WORK PHONE: 203 645 5500 HOME PHONE: 203 647 3262 POLE NUMBER: INCIDENT TYPE: CHEMICAL GALLONS: POUNDS: DRUMS: 6 CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	REPORT TIME: 11 DISCHARGED: TCP and WATER ON LABELS YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 06/29/94 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: ONGOING RELEASE: CONTAINED: Y
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ADDITIONAL INFORMATION: DRUMS DUMPED

WATERBODY: LIS: CATCH BASIN: AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: RESPONSIBLE PARTY:	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: Y OTHER AREA: TOTAL RECOVERED FROM WATER:
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PHONE: POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: REMOVED DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 128 **DIST/DIR:** 0.16 NW **ELEVATION:** 119 **MAP ID:** 44

NAME: ADDRESS: 412 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 943510 ID2: STATUS: CLOSED PHONE:
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PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: DISCHARGE CLASS: OTHER DUMPING	NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE:
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CAUSE: DUMPING

CORRECTIVE ACTION TAKEN: CONTRACTED

CONTRACTOR: Y DID DEP HIRE CONT: Y WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: CIASULLO ASSIGNED DATE: 06/29/94 NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: Y CASE NUMBER 2: 3510 PIN: INC CODE: OTHER OWNER: PROP NAME: L M CHARNEY and ASSOC 1440 BROADWAY NEW YORK NY	CONT NAME: CLEAN HARBORS HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: 933 ASSIGNED TIME: 11 20 NOTIFICATION STATUS: CASE NUMBER: 94 FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER: 3
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: 06/29/94 QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: Y COPY: 2
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MISCELLANEOUS INFORMATION: 7 DRUMS DISCOVERED 6/27 W SOME SPILLAGE CLEAN HARBORS HIRED W 1136 FUNDS 2 DRMS MARKED TCP and WATER NO REFERENCE FOUND FOR TCP DRUMS WERE OPENED AFTER EXAM BY PD DUE TO INCLEMENT WEATHER NO PRINTS

TAKEN HG READINGS NEG W EXCEPTION OF 1 THIS WAS OVERPACKED ALL WERE PROFILED ASSOLID NOS MANIFESTED TO CLEAN HARBORS 7/31 REPORT FROM CLEAN HARBOR SHOWS 1 DRMWAS TRICHLORBENZENE OTHERS GENERIC PETRO

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 127	DIST/DIR: 0.16 NW	ELEVATION: 119	MAP ID: 44
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NAME: ADDRESS: 412 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9805027 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 7/31/1998
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 7/31/1998 8:11:10 PM
REPORTED BY: 603
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 68 **DIST/DIR:** 0.16 NW **ELEVATION:** 153 **MAP ID:** 45

NAME: MVA ADDRESS: 308 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200100540 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 1/26/2001
TIME OF RELEASE: 3:08:00 PM
ACTION: CONTAINED

DISCHARGER: MVA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 1/26/2001
TIME OF RELEASE: 3:08:00 PM
ACTION: SANDED

DISCHARGER: MVA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 3:16:00 PM
REPORTED BY: DISPATCHER BOOTH
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: CONTAINED WITH SPEEDI-DRY APPLIED, NO STORM DRAINS IN AREA

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 198 **DIST/DIR:** 0.16 NW **ELEVATION:** 153 **MAP ID:** 45

NAME: DYNAMIC AUTO LLC ADDRESS: 308 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 10/5/10 ID1: 01205 ID2: 77-1205 STATUS: PERMANENTLY CLOSED PHONE:
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TOTAL NUMBER OF TANKS: 10

SITE INFORMATION

FACILITY ID: 01205 TANK ID: 1205-1 TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND DATE INSTALLED: 4/1/1958 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: 8/1/2005 CAPACITY (GALS): 3000 TANK PROTECTION: PIPE PROTECTION: CATHODICALLY PROTECTED
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SITE INFORMATION

FACILITY ID: 01205 TANK ID: 1205-10 TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND DATE INSTALLED: 6/1/1991 SUBSTANCE STORED: USED OIL TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: CAPACITY (GALS): 550 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01205 TANK ID: 1205-2 TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND DATE INSTALLED: 4/1/1958 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL:	DATE LAST USED: CAPACITY (GALS): 3000 TANK PROTECTION: PIPE PROTECTION: CATHODICALLY PROTECTED
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SITE INFORMATION

FACILITY ID: 01205 TANK ID: 1205-3 TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND DATE INSTALLED: 4/1/1958 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL:	DATE LAST USED: CAPACITY (GALS): 2000 TANK PROTECTION: PIPE PROTECTION:
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- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 198 **DIST/DIR:** 0.16 NW **ELEVATION:** 153 **MAP ID:** 45

NAME: DYNAMIC AUTO LLC ADDRESS: 308 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 10/5/10 ID1: 01205 ID2: 77-1205 STATUS: PERMANENTLY CLOSED PHONE:
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SITE INFORMATION

FACILITY ID: 01205
TANK ID: 1205-4
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 4/1/1958 **DATE LAST USED:**
SUBSTANCE STORED: GASOLINE **CAPACITY (GALS):** 4000
TANK MATERIAL: ASPHALT COATED OR BARE STEEL **TANK PROTECTION:**
PIPE MATERIAL: **PIPE PROTECTION:**

SITE INFORMATION

FACILITY ID: 01205
TANK ID: 1205-5
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 1/1/1981 **DATE LAST USED:**
SUBSTANCE STORED: GASOLINE **CAPACITY (GALS):** 5000
TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3) **TANK PROTECTION:**
PIPE MATERIAL: BARE OR GALVONIZED STEEL **PIPE PROTECTION:** CATHODICALLY PROTECTED

SITE INFORMATION

FACILITY ID: 01205
TANK ID: 1205-6
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 4/1/1958 **DATE LAST USED:**
SUBSTANCE STORED: GASOLINE **CAPACITY (GALS):** 550
TANK MATERIAL: ASPHALT COATED OR BARE STEEL **TANK PROTECTION:**
PIPE MATERIAL: **PIPE PROTECTION:**

SITE INFORMATION

FACILITY ID: 01205
TANK ID: 1205-7
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 4/1/1958 **DATE LAST USED:** 8/1/2005
SUBSTANCE STORED: USED OIL **CAPACITY (GALS):** 550
TANK MATERIAL: ASPHALT COATED OR BARE STEEL **TANK PROTECTION:**
PIPE MATERIAL: **PIPE PROTECTION:**

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 198 **DIST/DIR:** 0.16 NW **ELEVATION:** 153 **MAP ID:** 45

NAME: DYNAMIC AUTO LLC	REV: 10/5/10
ADDRESS: 308 MIDDLE TPKE W	ID1: 01205
MANCHESTER CT 06040	ID2: 77-1205
HARTFORD	STATUS: PERMANENTLY CLOSED
CONTACT:	PHONE:
SOURCE: CT DEP	

SITE INFORMATION

FACILITY ID:	01205		
TANK ID:	1205-8		
TANK STATUS:	PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND		
DATE INSTALLED:	2/1/1988	DATE LAST USED:	8/1/2005
SUBSTANCE STORED:	OTHER PETROLEUM (SPECIFY)	CAPACITY (GALS):	6000
TANK MATERIAL:	COATED and CATHODICALLY PROTECTED STEEL (STI-P3)	TANK PROTECTION:	
PIPE MATERIAL:	BARE OR GALVONIZED STEEL	PIPE PROTECTION:	

SITE INFORMATION

FACILITY ID:	01205		
TANK ID:	1205-9		
TANK STATUS:	PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND		
DATE INSTALLED:	2/1/1988	DATE LAST USED:	8/1/2005
SUBSTANCE STORED:	HEATING OIL	CAPACITY (GALS):	5000
TANK MATERIAL:	COATED and CATHODICALLY PROTECTED STEEL (STI-P3)	TANK PROTECTION:	
PIPE MATERIAL:	BARE OR GALVONIZED STEEL	PIPE PROTECTION:	

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 103 **DIST/DIR:** 0.16 NW **ELEVATION:** 153 **MAP ID:** 46

NAME: UNKNOWN MOTORIST ADDRESS: 320 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200300056 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 1/6/2003
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER: UNKNOWN MOTORIST
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 1/6/2003
TIME OF RELEASE:
ACTION: CONTAINED

DISCHARGER: UNKNOWN MOTORIST
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 1/6/2003 10:58:38 AM
REPORTED BY: DISPATCHER 604
REPORTER S PHONE: 6437373

MATERIAL RELEASED: MOTOR OIL
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: MVA, ANDED AND CONTAINED, NO DRAINS INVOLVED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 106 **DIST/DIR:** 0.16 NW **ELEVATION:** 153 **MAP ID:** 46

NAME: ADDRESS: 320 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200004153 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 6/10/2000
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 6/10/2000
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 6/10/2000 11:56:59 AM
REPORTED BY: DISPATCHER CRISTCHENSON
REPORTER S PHONE: 6437373

MATERIAL RELEASED: OIL
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 111 **DIST/DIR:** 0.16 NW **ELEVATION:** 133 **MAP ID:** 47

NAME: ADDRESS: WEST MIDDLE TRPK TOWER MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9901441 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 3/4/1999
TIME OF RELEASE: 7:49:00 PM
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 3/4/1999
TIME OF RELEASE: 7:49:00 PM
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 7:58:00 PM
REPORTED BY: DISPATCHER 603
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 5 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 118 **DIST/DIR:** 0.16 NW **ELEVATION:** 128 **MAP ID:** 48

NAME: ADDRESS: MIDDLE TPKE W and TOWER RD MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 954467 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR REPORT DATE: 07/29/95 ACTUAL TIME: 9 REPORTER: FIRE DEPT	REPORT TIME: 22
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WORK PHONE: 203 643 7373 HOME PHONE: POLE NUMBER: INCIDENT TYPE: CHEMICAL GALLONS: 2 POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	DISCHARGED: ANTIFREEZE YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 07/29/95 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: ONGOING RELEASE: CONTAINED: Y
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ADDITIONAL INFORMATION:

WATERBODY: LIS: CATCH BASIN: AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: RESPONSIBLE PARTY:	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: Y OTHER AREA: TOTAL RECOVERED FROM WATER:
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PHONE: POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: SANDED DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 118 **DIST/DIR:** 0.16 NW **ELEVATION:** 128 **MAP ID:** 48

NAME: ADDRESS: MIDDLE TPKE W and TOWER RD MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 954467 ID2: STATUS: CLOSED PHONE:
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PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: DISCHARGE CLASS: PRIVATE	NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE:
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CAUSE: MOTOR VEHICLE ACCIDENT

CORRECTIVE ACTION TAKEN: SANDED

CONTRACTOR: DID DEP HIRE CONT: WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: ASSIGNED DATE: NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: CASE NUMBER 2: PIN: INC CODE: OTHER OWNER: PROP NAME:	CONT NAME: HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: ASSIGNED TIME: NOTIFICATION STATUS: CASE NUMBER: FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER:
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: COPY: W
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MISCELLANEOUS INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 116	DIST/DIR: 0.16 NW	ELEVATION: 128	MAP ID: 48
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NAME: ADDRESS: MIDDLE TPKE W and TOWER RD MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200703141 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 5/19/2007
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 5/19/2007 2:48:31 PM
REPORTED BY: MARVIN
REPORTER S PHONE: 6437373

MATERIAL RELEASED: MOTOR VEHICLE FLUIDS
QUANTITY SPILLED: 5 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 117 **DIST/DIR:** 0.16 NW **ELEVATION:** 128 **MAP ID:** 48

NAME: ADDRESS: MIDDLE TPKE W and TOWER RD MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200502777 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 5/7/2005
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 5/7/2005
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 5/7/2005 11:37:59 AM
REPORTED BY: DISPATCHER 603
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 1.5 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SPEEDY DRI

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 115 **DIST/DIR:** 0.16 NW **ELEVATION:** 128 **MAP ID:** 48

NAME: ADDRESS: MIDDLE TPKE W and TOWER RD MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200806648 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 10/18/2008
TIME OF RELEASE:
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 10/18/2008
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 10/18/2008 4:18:55 PM
REPORTED BY: DISPATCHER TURCOTTE
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: ABOVE GROUND TANK FAILURE

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 52 **DIST/DIR:** 0.17 NW **ELEVATION:** 144 **MAP ID:** 49

NAME: HOMEOWNER ADDRESS: 325 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200308898 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 12/15/2003
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER: HOMEOWNER
MANCHESTER CT 06040

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 12/15/2003
TIME OF RELEASE:
ACTION: REMOVED

DISCHARGER: HOMEOWNER
MANCHESTER CT 06040

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 12/15/2003
TIME OF RELEASE:
ACTION: CONTAINED

DISCHARGER: HOMEOWNER
MANCHESTER CT 06040

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 12/15/2003 3:39:06 PM
REPORTED BY: JIM CHRISTENSON
REPORTER S PHONE: 6437373

MATERIAL RELEASED: 2 FUEL OIL
QUANTITY SPILLED: 5 GAL

CAUSE OF INCIDENT: OVERFILL

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 220 **DIST/DIR:** 0.17 NW **ELEVATION:** 154 **MAP ID:** 50

NAME: MOTIVA ENTERPRISES ADDRESS: 288 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/30/10 ID1: 200401046 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 2/19/2004
TIME OF RELEASE:

DISHCHARGER: MOTIVA ENTERPRISES
PO BOX 282 35-31 TALCOTTVILLE RD
VERNON CT 06066

DISCHARGER S PHONE: 860 7492839
ACCEPTS RESPONSIBILITY: YES

MATERIAL RELEASED (GAL): GASOLINE 1

CAUSE OF INCIDENT: 3 - INGROUND TANK FAILURE
OTHER:

REPORT TIME: 2/19/2004 10:12:15 AM
REPORTED BY: DREW KUKUCKKA
REPORTER S PHONE: 5284723

AGENCY NOTIFIED: 9 - DEP
OTHER:

DEP BUREAU: BUREAU OF WASTE MANAGEMENT
DEP DIVISPN: OIL AND CHEMICAL SPILL RESPONSE

AGENCY NOTIFIED: 10 - DEP
OTHER:
DEP BUREAU: BUREAU OF WASTE MANAGEMENT
DEP DIVISPN: PESTICIDE, PCB, UNDERGROUND TANK and TERMINAL

ACTION TAKEN: 10 - REFERRED
OTHER:

EMERGENCY MEASURES: 0.15-0.19 PPM ETPh, 1.1-37.4 PPB MTBE, 2.2 PPB 1, 2 DCB, 3.1-35.9 PPB DCE. AND OTHER
CONSTITUANTS FOUND IN GROUND WATER. CONSULTANT TO EVALUATE INVENTORY RECORDS AND CONTINUE GROUND WATER
MONITORING

RELEASE CLASS: 8 - COMMERCIAL

MEDIA AFFECTED: 3 - GROUND WATER

WATERBODY AFFECTED: 4 - GROUNDWATER

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 205 **DIST/DIR:** 0.17 NW **ELEVATION:** 154 **MAP ID:** 50

NAME: SHELL SERVICE STATION ADDRESS: 288 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 10/5/10 ID1: 01201 ID2: 77-1201 STATUS: CURRENTLY IN USE PHONE:
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TOTAL NUMBER OF TANKS: 8

SITE INFORMATION

FACILITY ID: 01201

TANK ID: 1201-1
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 1/1/1950 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: CAPACITY (GALS): 8000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01201

TANK ID: 1201-2
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 6/1/1988 SUBSTANCE STORED: GASOLINE TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC	DATE LAST USED: CAPACITY (GALS): 12000 TANK PROTECTION: DOUBLE-WALLED PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01201

TANK ID: 1201-3
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 1/1/1950 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: CAPACITY (GALS): 8000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01201

TANK ID: 1201-4
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 6/1/1988 SUBSTANCE STORED: GASOLINE TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC	DATE LAST USED: CAPACITY (GALS): 10000 TANK PROTECTION: DOUBLE-WALLED PIPE PROTECTION:
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- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 205 **DIST/DIR:** 0.17 NW **ELEVATION:** 154 **MAP ID:** 50

NAME: SHELL SERVICE STATION ADDRESS: 288 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 10/5/10 ID1: 01201 ID2: 77-1201 STATUS: CURRENTLY IN USE PHONE:
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SITE INFORMATION

FACILITY ID: 01201 TANK ID: 1201-5 TANK STATUS: CURRENTLY IN USE- DATE INSTALLED: 1/1/1950 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: CAPACITY (GALS): 8000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01201 TANK ID: 1201-6 TANK STATUS: CURRENTLY IN USE- DATE INSTALLED: 6/1/1988 SUBSTANCE STORED: GASOLINE TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC	DATE LAST USED: CAPACITY (GALS): 12000 TANK PROTECTION: DOUBLE-WALLED PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01201 TANK ID: 1201-7 TANK STATUS: PERMANENTLY CLOSED-TANK FILLED WITH INERT MATERIAL DATE INSTALLED: 1/1/1950 SUBSTANCE STORED: USED OIL TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: 1/1/1982 CAPACITY (GALS): 550 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01201 TANK ID: 1201-8 TANK STATUS: CURRENTLY IN USE- DATE INSTALLED: 6/1/1988 SUBSTANCE STORED: HEATING OIL TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC PIPE MATERIAL: OTHER (SPECIFY)	DATE LAST USED: CAPACITY (GALS): 1000 TANK PROTECTION: DOUBLE-WALLED PIPE PROTECTION:
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- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 205	DIST/DIR: 0.17 NW	ELEVATION: 154	MAP ID: 50
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NAME: SHELL SERVICE STATION
ADDRESS: 288 MIDDLE TPKE W
MANCHESTER CT 06040
HARTFORD

REV: 10/5/10
ID1: 01201
ID2: 77-1201
STATUS: CURRENTLY IN USE
PHONE:

CONTACT:
SOURCE: CT DEP

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

OTHER

SEARCH ID: 191 **DIST/DIR:** 0.17 NW **ELEVATION:** 154 **MAP ID:** 50

NAME: SHELL FACILITY 136329 ADDRESS: 288 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: SOURCE: CT DEP	REV: 4/23/10 ID1: CTOT-0509-1065 ID2: STATUS: PTP PHONE:
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SITE INFORMATION

TRANSFEROR (SELLER):	MOTIVA ENTERPRISES LLC
TRANSFeree (BUYER):	THAPAN GROUP, LLC
CERTIFYING PARTY (CP):	MOTIVA ENTERPRISES LLC
CP ATTENTION PERSON:	CHARLES T. BADRICK
TITLE OF CP:	MANAGER REAL ESTATE CONTRACTS
CP ADDRESS:	P O BOX 4540 HOUSTON , TX 77210
FORM:	III
DATE RECEIVED:	12/28/2006
DATE ACKNOWLEDGED:	3/29/2007
DETERMINATION DATE:	5/1/2007

SPILLS

SEARCH ID: 91 **DIST/DIR:** 0.17 NW **ELEVATION:** 154 **MAP ID:** 50

NAME: SHELL OIL FACILITY 13629 ADDRESS: 288 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200605248 ID2: STATUS: CLOSED PHONE:
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REPORT TIME:	8/21/2006 3:40:57 PM
REPORTED BY:	SHERRIE HARDMAN
REPORTER S PHONE:	2701007
MATERIAL RELEASED:	GASOLINE
QUANTITY SPILLED:	1 GAL
CAUSE OF INCIDENT:	PUMP FAILURE
EMERGENCY MEASURES:	LEAK FROM PUMP TO PEA GRAVEL, VERY SMALL QUANTITY, WILL CONTINUE TO MONITOR

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 187 **DIST/DIR:** 0.17 NW **ELEVATION:** 154 **MAP ID:** 50

NAME: ADDRESS: 288 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200002055 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 3/31/2000
TIME OF RELEASE: 8:56:00 PM
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 8:56:00 PM
REPORTED BY: DISPATCH
REPORTER S PHONE: 6437373

MATERIAL RELEASED: GASOLINE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 65 **DIST/DIR:** 0.17 NW **ELEVATION:** 154 **MAP ID:** 50

NAME: MOTIVA ENTERPRISES
ADDRESS: 288 MIDDLE TPKE W
MANCHESTER CT
HARTFORD
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 11/18/10
ID1: 200401046
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 2/19/2004
TIME OF RELEASE:
ACTION: REFERRED

DISCHARGER: MOTIVA ENTERPRISES
PO BOX 282 35-31 TALCOTTVILLE RD
VERNON CT 06066

DISCHARGER S PHONE: 7492839
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 2/19/2004 10:12:15 AM
REPORTED BY: DREW KUKUCKKA
REPORTER S PHONE: 5284723

MATERIAL RELEASED: GASOLINE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: INGROUND TANK FAILURE

EMERGENCY MEASURES: 0.15-0.19 PPM ETPH, 1.1-37.4 PPB MTBE, 2.2 PPB 1, 2 DCB, 3.1-35.9 PPB DCE. AND OTHER
CONSTITUANTS FOUND IN GROUND WATER. CONSULTANT TO EVALUATE INVENTORY RECORDS AND CONTINUE GROUND WATER
MONITORING

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 186	DIST/DIR: 0.17 NW	ELEVATION: 154	MAP ID: 50
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NAME: ADDRESS: 288 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: THIGPEN, DONNELL SOURCE: CT DEP	REV: 11/18/10 ID1: 200502739 ID2: STATUS: CLOSED PHONE:
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REPORT TIME: 5/5/2005 4:32:06 PM
REPORTED BY: STEVE WROBLESKI
REPORTER S PHONE: 6739619

MATERIAL RELEASED: GASOLINE
QUANTITY SPILLED: 20 GAL

CAUSE OF INCIDENT: CARGO TANK FAILURE

EMERGENCY MEASURES: GCS, CONTRACTED. LEAKING SUBMERSIBLE PUMP IN GASOLINE TANK AT GAS STATION.

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 75 **DIST/DIR:** 0.17 SW **ELEVATION:** 142 **MAP ID:** 51

NAME: N.U.
ADDRESS: 53 ALEXANDER ST
MANCHESTER CT

REV: 11/18/10
ID1: 200007975
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 10/19/2000
TIME OF RELEASE: 3:50:00 PM
ACTION: SANDED

DISCHARGER: N.U.
107 seldon st.
BERLIN CT 06037

DISCHARGER S PHONE: 2495895
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 10/19/2000 4:03:07 PM
REPORTED BY: BOB SODERBURG
REPORTER S PHONE: 2495895

MATERIAL RELEASED: HYDRAULIC OIL
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: HOSE FAILURE

EMERGENCY MEASURES: SANDED.

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 121 **DIST/DIR:** 0.17 NW **ELEVATION:** 138 **MAP ID:** 52

NAME: ADDRESS: 333 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200805154 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 8/13/2008
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 1:45:00 PM
REPORTED BY: SISE
REPORTER S PHONE: 6437373

MATERIAL RELEASED: MOTOR OIL
QUANTITY SPILLED: 5 GAL

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: OIL SLICK APPROX. 1/4 MILE LONG, AND D.O.T WILL SAND.

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

RCRAGN

SEARCH ID: 4 **DIST/DIR:** 0.18 NW **ELEVATION:** 156 **MAP ID:** 53

NAME: C and D CLEANERS CO INC
ADDRESS: 299 MIDDLE TPKE W
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: EPA

REV: 11/10/10
ID1: CTD018703678
ID2:
STATUS: SGN
PHONE:

SITE INFORMATION

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: N - NO
GPRA POST CLOSURE: N - NO
GPRA CA: N - NO

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: N - NO
GPRA POST CLOSURE: N - NO
GPRA CA: N - NO
GPRA COMPLIANCE MONITORING and ENFORCEMENT: N - NO

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO

SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC: N - NO

PERMIT WORKLOAD: -----

CLOSURE WORKLOAD: -----

POST CLOSURE WORKLOAD: -----

PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: -----

CORRECTIVE ACTION WORKLOAD: N - NO

GENERATOR STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000
KG/MONTH OF HAZARDOUS WASTE

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

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 contain

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; a

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

OTHER

SEARCH ID: 193 **DIST/DIR:** 0.18 NW **ELEVATION:** 156 **MAP ID:** 53

NAME: U.S. CLEANERS ADDRESS: 299 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: SOURCE: CT DEP	REV: 4/23/10 ID1: CTOT-0509-1098 ID2: STATUS: PTP PHONE:
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SITE INFORMATION

TRANSFEROR (SELLER):	JIN SUNG BOK
TRANSFeree (BUYER):	DJ AND FAMILY, LLC
CERTIFYING PARTY (CP):	JIN SUNG BOK
CP ATTENTION PERSON:	JIN SUNG BOK
TITLE OF CP:	
CP ADDRESS:	136 WOODFIELD CROSSING GLASTONBURY , CT 06033

FORM:	II
DATE RECEIVED:	10/12/2004
DATE ACKNOWLEDGED:	12/1/2004
DETERMINATION DATE:	

TRANSFEROR (SELLER):	JIN SUNG BOK
TRANSFeree (BUYER):	SOO WON SUH AND EOM BUN SUH
CERTIFYING PARTY (CP):	JIN SUNG BOK
CP ATTENTION PERSON:	JIN SUNG BOK
TITLE OF CP:	OWNER
CP ADDRESS:	136 WOODFIELD CROSSING GLASTONBURY , CT 06033

FORM:	III
DATE RECEIVED:	10/12/2004
DATE ACKNOWLEDGED:	12/1/2004
DETERMINATION DATE:	2/7/2005

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

OTHER

SEARCH ID: 188 **DIST/DIR:** 0.18 NW **ELEVATION:** 156 **MAP ID:** 53

NAME: C and D CLEANERS COMPANY ADDRESS: 299 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: SOURCE: CT DEP	REV: 4/23/10 ID1: 4408 ID2: STATUS: PTP PHONE:
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INFORMATION

ESTABLISHMENT:	C and D CLEANERS COMPANY
SELLER:	PETER P. DIROSA, JR.
BUYER:	JIN YOUNG LEE

FORM:	FORM I	RECEIVED:	5/2/1990
ACKNOWLEDGED:	8/7/1990	RETURNED:	3/27/1990
CERTIFIED:		REVISED:	
ECAF RECEIVED:		ECAF REVIEWED:	

STATUS:

STAFF:

CERTIFIER:

FIRST PAYMENT:	\$	SECOND PAYMENT:	\$
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COMMENTS:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 21 **DIST/DIR:** 0.18 NW **ELEVATION:** 156 **MAP ID:** 53

NAME: C and D CLEANERS COMPANY
ADDRESS: 299 MIDDLE TPKE W
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 4408
ID2: CTD018703678
STATUS: SUSPECTED
PHONE:

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

FIRESTONE STORE

COMMENTS:

INFORMATION

ESTABLISHMENT: C and D CLEANERS COMPANY
SELLER: PETER P. DIROSA, JR.
BUYER: JIN YOUNG LEE

FORM: FORM I **RECEIVED:** 5/2/1990
ACKNOWLEDGED: 8/7/1990 **RETURNED:** 3/27/1990
CERTIFIED: **REVISED:**
ECAF RECEIVED: **ECAF REVIEWED:**

STATUS:

STAFF:

CERTIFIER: ,

FIRST PAYMENT: \$ **SECOND PAYMENT:** \$

COMMENTS:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 21	DIST/DIR: 0.18 NW	ELEVATION: 156	MAP ID: 53
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NAME: C and D CLEANERS COMPANY
ADDRESS: 299 MIDDLE TPKE W
MANCHESTER CT 06040
HARTFORD

REV: 4/23/10
ID1: 4408
ID2: CTD018703678
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

REFERRAL INFORMATION

SOURCE:	PTP - PROPERTY TRANSFER PROGRAM
RECEIVED:	5/2/1990
STAFF:	
PROGRAM:	PTP - PROPERTY TRANSFER PROGRAM
ASSIGNED:	
COMPLETED:	5/2/1990
OUTCOME:	PTP

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 142 **DIST/DIR:** 0.18 NE **ELEVATION:** 148 **MAP ID:** 54

NAME: ADDRESS: 270 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200207709 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 11/1/2002
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 11/1/2002 4:51:44 PM
REPORTED BY: LEREUX
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 4 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 200 **DIST/DIR:** 0.18 NE **ELEVATION:** 148 **MAP ID:** 54

NAME: GETTY S/S 6876 ADDRESS: 270 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 10/5/10 ID1: 01289 ID2: 77-1289 STATUS: CURRENTLY IN USE PHONE:
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TOTAL NUMBER OF TANKS: 15

SITE INFORMATION

FACILITY ID: 01289

TANK ID: 1289-1
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 1/1/1971 SUBSTANCE STORED: GASOLINE TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3) PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: 6/1/1989 CAPACITY (GALS): 4000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01289

TANK ID: 1289-10
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 6/1/1989 SUBSTANCE STORED: HEATING OIL TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC	DATE LAST USED: 12/1/1999 CAPACITY (GALS): 1000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01289

TANK ID: 1289-11
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 6/1/1989 SUBSTANCE STORED: USED OIL TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC	DATE LAST USED: 12/1/1999 CAPACITY (GALS): 550 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01289

TANK ID: 1289-12
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 8/1/1989 SUBSTANCE STORED: GASOLINE TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC	DATE LAST USED: 12/1/1999 CAPACITY (GALS): 10000 TANK PROTECTION: PIPE PROTECTION:
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- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 200 **DIST/DIR:** 0.18 NE **ELEVATION:** 148 **MAP ID:** 54

NAME: GETTY S/S 6876 ADDRESS: 270 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 10/5/10 ID1: 01289 ID2: 77-1289 STATUS: CURRENTLY IN USE PHONE:
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SITE INFORMATION

FACILITY ID: 01289 TANK ID: 1289-13 TANK STATUS: CURRENTLY IN USE- DATE INSTALLED: 1/1/2000 SUBSTANCE STORED: OTHER PETROLEUM (SPECIFY) TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC DOUBLE-WALLED	DATE LAST USED: CAPACITY (GALS): 10000 TANK PROTECTION: DOUBLE-WALLED PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01289 TANK ID: 1289-14 TANK STATUS: CURRENTLY IN USE- DATE INSTALLED: 1/1/2000 SUBSTANCE STORED: OTHER PETROLEUM (SPECIFY) TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC DOUBLE-WALLED	DATE LAST USED: CAPACITY (GALS): 8000 TANK PROTECTION: DOUBLE-WALLED PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01289 TANK ID: 1289-15 TANK STATUS: CURRENTLY IN USE- DATE INSTALLED: 1/1/2000 SUBSTANCE STORED: DIESEL TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC DOUBLE-WALLED	DATE LAST USED: CAPACITY (GALS): 6000 TANK PROTECTION: DOUBLE-WALLED PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01289 TANK ID: 1289-2 TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND DATE INSTALLED: 6/1/1989 SUBSTANCE STORED: GASOLINE	DATE LAST USED: 12/1/1999 CAPACITY (GALS): 10000
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- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 200 **DIST/DIR:** 0.18 NE **ELEVATION:** 148 **MAP ID:** 54

NAME: GETTY S/S 6876 ADDRESS: 270 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 10/5/10 ID1: 01289 ID2: 77-1289 STATUS: CURRENTLY IN USE PHONE:
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TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC	TANK PROTECTION:	PIPE PROTECTION:
PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC		

SITE INFORMATION

FACILITY ID: 01289

TANK ID: 1289-3
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 1/1/1969	DATE LAST USED: 6/1/1989	
SUBSTANCE STORED: GASOLINE	CAPACITY (GALS): 10000	
TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3)	TANK PROTECTION:	
PIPE MATERIAL: BARE OR GALVONIZED STEEL	PIPE PROTECTION:	

SITE INFORMATION

FACILITY ID: 01289

TANK ID: 1289-4
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 6/1/1989	DATE LAST USED: 12/1/1999	
SUBSTANCE STORED: GASOLINE	CAPACITY (GALS): 10000	
TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC	TANK PROTECTION:	
PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC	PIPE PROTECTION:	

SITE INFORMATION

FACILITY ID: 01289

TANK ID: 1289-5
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 1/1/1969	DATE LAST USED: 6/1/1989	
SUBSTANCE STORED: GASOLINE	CAPACITY (GALS): 10000	
TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3)	TANK PROTECTION:	
PIPE MATERIAL: BARE OR GALVONIZED STEEL	PIPE PROTECTION:	

SITE INFORMATION

FACILITY ID: 01289

TANK ID: 1289-6
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 6/1/1989	DATE LAST USED: 12/1/1999	
SUBSTANCE STORED: GASOLINE	CAPACITY (GALS): 10000	
TANK MATERIAL: FIBERGLASS REINFORCED PLASTIC	TANK PROTECTION:	

- More Details Exist For This Site; Max Page Limit Reached -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 64 **DIST/DIR:** 0.18 NE **ELEVATION:** 148 **MAP ID:** 54

NAME: MOTIVA ENTER. , LLC. ADDRESS: 270 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9908199 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 12/3/1999
TIME OF RELEASE:
ACTION: PUMPED OUT

DISCHARGER: MOTIVA ENTER. , LLC.
211 riverside dr.
EAST HARTFORD CT 06108

DISCHARGER S PHONE: 5683481
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 12/3/1999
TIME OF RELEASE:
ACTION: REMOVED TANK

DISCHARGER: MOTIVA ENTER. , LLC.
211 riverside dr.
EAST HARTFORD CT 06108

DISCHARGER S PHONE: 5683481
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 12/3/1999
TIME OF RELEASE:
ACTION: SOIL REMOVED

DISCHARGER: MOTIVA ENTER. , LLC.
211 riverside dr.
EAST HARTFORD CT 06108

DISCHARGER S PHONE: 5683481
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 12/3/1999 4:26:27 PM
REPORTED BY: DAVE SELGER
REPORTER S PHONE: 2909300

MATERIAL RELEASED: GASOLINE OR WASTE OIL
CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: SAMPLES TAKEN. REMOVING 1K UST , 10K UST. EXCAVATING SOIL.

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 180 **DIST/DIR:** 0.18 NE **ELEVATION:** 148 **MAP ID:** 54

NAME: ADDRESS: 270 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200104692 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 6/26/2001
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 6/26/2001 7:24:40 PM
REPORTED BY: MANCHESTER FIRE
REPORTER S PHONE: 6437373

MATERIAL RELEASED: DIESEL FUEL
QUANTITY SPILLED: 4 GAL

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 141	DIST/DIR: 0.18 NE	ELEVATION: 148	MAP ID: 54
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NAME: ADDRESS: 270 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200507526 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 11/1/2005
TIME OF RELEASE: 6:50:00 PM
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 6:50:00 PM
REPORTED BY: DISPATCHER
REPORTER S PHONE: 5338625

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 110 **DIST/DIR:** 0.18 NW **ELEVATION:** 156 **MAP ID:** 55

NAME: ADDRESS: 307 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200009560 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 12/19/2000
TIME OF RELEASE: 5:46:00 PM
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 5:46:00 PM
REPORTED BY: DISPATCHER
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SPEEDY DRYED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 78 **DIST/DIR:** 0.18 NW **ELEVATION:** 156 **MAP ID:** 55

NAME: OIL COMPANY ADDRESS: 307 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9906249 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 9/16/1999
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER: OIL COMPANY
MANCHESTER CT 06040

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 9/16/1999 11:28:22 AM
REPORTED BY: DISPATCH EASTON
REPORTER S PHONE: 6437373

MATERIAL RELEASED: 2 FUEL OIL
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: OVERFILL

EMERGENCY MEASURES: SPEEDY DRY and REMOVE

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 124	DIST/DIR: 0.18 NW	ELEVATION: 122	MAP ID: 56
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NAME: ADDRESS: 377 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: WILLIAMSON, MATT SOURCE: CT DEP	REV: 11/18/10 ID1: 9802462 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 4/25/1998
TIME OF RELEASE: 9:02:00 AM
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 4/25/1998 9:16:17 AM
REPORTED BY: DARCY
REPORTER S PHONE: 6437373

MATERIAL RELEASED: UNKNOWN
CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: ATTEMPTING TO BOOM

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 130 **DIST/DIR:** 0.19 NW **ELEVATION:** 114 **MAP ID:** 57

NAME: ADDRESS: 441 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200201954 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 3/29/2002
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 3/29/2002
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 3/29/2002 4:44:01 PM
REPORTED BY: DISPATCHER CHRISTIANSON
REPORTER S PHONE: 6437373

MATERIAL RELEASED: MOTOR VEHICLE FLUIDS
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: DISPATCHER 201

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

RCRAGN

SEARCH ID: 3 **DIST/DIR:** 0.19 NW **ELEVATION:** 114 **MAP ID:** 57

NAME: BATTISTONS OF MANCHESTER INC
ADDRESS: 441 MIDDLE TPKE W
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: EPA

REV: 11/10/10
ID1: CTD981205032
ID2:
STATUS: SGN
PHONE:

SITE INFORMATION

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: N - NO
GPRA POST CLOSURE: N - NO
GPRA CA: N - NO

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: N - NO
GPRA POST CLOSURE: N - NO
GPRA CA: N - NO
GPRA COMPLIANCE MONITORING and ENFORCEMENT: N - NO

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO

SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC: N - NO

PERMIT WORKLOAD: ----

CLOSURE WORKLOAD: ----

POST CLOSURE WORKLOAD: ----

PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: ----

CORRECTIVE ACTION WORKLOAD: N - NO

GENERATOR STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000
KG/MONTH OF HAZARDOUS WASTE

NAIC INFORMATION

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

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; a

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 83 **DIST/DIR:** 0.19 NW **ELEVATION:** 114 **MAP ID:** 57

NAME: PRIVATE VEHICLE ADDRESS: 441 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9800409 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 1/23/1998
TIME OF RELEASE: 1:48:00 PM
ACTION: SANDED

DISCHARGER: PRIVATE VEHICLE
CT

DISCHARGER S PHONE: 0000000
ACCEPTS RESPONSIBILITY:

REPORT TIME: 2:04:00 PM
REPORTED BY: DISPATCHER 601
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SANDED

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 59 **DIST/DIR:** 0.19 SE **ELEVATION:** 160 **MAP ID:** 58

NAME: MANCHESTER S T P ADDRESS: 15 LINCOLN ST MANCHESTER CT 06040 CONTACT: MANCHESTER S T P SOURCE: CT DEP	REV: 3/13/01 ID1: 931170 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR REPORT DATE: 03/12/93 ACTUAL TIME: 19 REPORTER: FRAN TAYLOR TOWN WATER and SEWER WORK PHONE: 203 647 3111 HOME PHONE: POLE NUMBER: INCIDENT TYPE: SEWAGE RELATED GALLONS: 30 POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	REPORT TIME: 18 DISCHARGED: SEWER BYPASS YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 03/12/93 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: 1819 ONGOING RELEASE: CONTAINED: Y
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ADDITIONAL INFORMATION:

WATERBODY: LIS: CATCH BASIN: AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: RESPONSIBLE PARTY: MANCHESTER S T P	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: Y OTHER AREA: TOTAL RECOVERED FROM WATER:
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PHONE: POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: Y NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 59 **DIST/DIR:** 0.19 SE **ELEVATION:** 160 **MAP ID:** 58

NAME: MANCHESTER S T P
ADDRESS: 15 LINCOLN ST
MANCHESTER CT 06040

REV: 3/13/01
ID1: 931170
ID2:
STATUS: CLOSED
PHONE:

CONTACT: MANCHESTER S T P
SOURCE: CT DEP

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: GOVERNMENTAL

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CAUSE: NATURAL
CORRECTIVE ACTION TAKEN: REFERRED

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: KELLEY
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION: REFERRED TO WATER

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 150 **DIST/DIR:** 0.19 NE **ELEVATION:** 168 **MAP ID:** 59

NAME:
ADDRESS: 66 ESSEX ST
MANCHESTER CT

CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 11/18/10
ID1: 200207557
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 10/28/2002
TIME OF RELEASE:
ACTION: REFERRED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 10/28/2002
TIME OF RELEASE:
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 10/28/2002 2:21:04 AM
REPORTED BY: ROGER
REPORTER S PHONE: 6473125

MATERIAL RELEASED: RAW SEWAGE
QUANTITY SPILLED: 1000 GAL

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: BYPASS

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 140 **DIST/DIR:** 0.20 SE **ELEVATION:** 176 **MAP ID:** 60

NAME: ADDRESS: 43 LILAC ST MANCHESTER CT 06040	REV: 3/13/01 ID1: 944714 ID2: STATUS: CLOSED PHONE:
CONTACT: SOURCE: CT DEP	

SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR REPORT DATE: 08/18/94 ACTUAL TIME: 7 REPORTER: KEN A-1 OIL	REPORT TIME: 12
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WORK PHONE: HOME PHONE: POLE NUMBER: INCIDENT TYPE: PETROLEUM GALLONS: 2 POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	DISCHARGED: 2 FUEL OIL YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 08/18/94 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: ONGOING RELEASE: CONTAINED: Y
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ADDITIONAL INFORMATION:

WATERBODY: LIS: CATCH BASIN: AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: RESPONSIBLE PARTY:	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: Y OTHER AREA: TOTAL RECOVERED FROM WATER:
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PHONE: POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 140 **DIST/DIR:** 0.20 SE **ELEVATION:** 176 **MAP ID:** 60

NAME: ADDRESS: 43 LILAC ST MANCHESTER CT 06040 CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 944714 ID2: STATUS: CLOSED PHONE:
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PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: DISCHARGE CLASS: PRIVATE	NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE:
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CAUSE: OVERFILL

CORRECTIVE ACTION TAKEN: CONTRACTED

CONTRACTOR: Y DID DEP HIRE CONT: N WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: STAVOLA ASSIGNED DATE: NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: CASE NUMBER 2: PIN: INC CODE: OTHER OWNER: PROP NAME:	CONT NAME: TRI S HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: ASSIGNED TIME: NOTIFICATION STATUS: CASE NUMBER: FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER:
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: COPY: W
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MISCELLANEOUS INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 171 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 61

NAME: ADDRESS: 240 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200108818 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 10/28/2001
TIME OF RELEASE:
ACTION: REFERRED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 10/28/2001
TIME OF RELEASE:
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 10/28/2001 12:07:09 PM
REPORTED BY: DISPATCHER 604
REPORTER S PHONE: 6437373

MATERIAL RELEASED: GASOLINE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: CONTAINER FAILURE

EMERGENCY MEASURES: GASOLINE RELEASED DUE TO A DEFECTIVE GAS CONTAINER

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 162	DIST/DIR: 0.21 NE	ELEVATION: 150	MAP ID: 61
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NAME: ADDRESS: 250 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9702517 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 5/19/1997
TIME OF RELEASE: 6:13:00 AM
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 6:23:00 AM
REPORTED BY: MANCHESTER FIRE
REPORTER S PHONE: 6473262

MATERIAL RELEASED: GAS
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: SPEEDY DRY

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 43 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 61

NAME: ATLAS OIL CO ADDRESS: 240 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: ATLAS OIL CO SOURCE: CT DEP	REV: 3/13/01 ID1: 9218 ID2: STATUS: CLOSED PHONE: 203 289 6435
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: 913 REPORT DATE: 01/02/92 ACTUAL TIME: 30 REPORTER: LARRY BORENSTEIN PETROLEUM CONTRACTORS	REPORT TIME: 14
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WORK PHONE: 203 243 8914 HOME PHONE: POLE NUMBER: INCIDENT TYPE: PETROLEUM GALLONS: POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	DISCHARGED: GASOLINE YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 12/10/91 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: ONGOING RELEASE: CONTAINED:
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ADDITIONAL INFORMATION: PRIOR TO DATE OF LINE REMOVAL BY P C NORTHEAST TANK SVC TESTED ALL SYSTEMS THIS ONE ABORTED INITIALLY

WATERBODY: LIS: CATCH BASIN: AIR: GROUND WATER: Y INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: RESPONSIBLE PARTY: ATLAS OIL CO TNPK	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: OTHER AREA: TOTAL RECOVERED FROM WATER:
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EAST HARTFORD CT

PHONE: 203 289 6435	ACCEPT RESPONSIBILITY: Y
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POLLUTER UNKNOWN:
CLEANUP ACTION TAKEN: LINE TEST/MONITORING WELLS

DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU:	NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU:
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- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 43 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 61

NAME: ATLAS OIL CO ADDRESS: 240 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: ATLAS OIL CO SOURCE: CT DEP	REV: 3/13/01 ID1: 9218 ID2: STATUS: CLOSED PHONE: 203 289 6435
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NOTIFIED WEED HAZ WASTE: PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: DISCHARGE CLASS:	NOTIFIED WEED SOLID WASTE: NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE:
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DISCHARGE CLASS:	COMMERCIAL
CAUSE:	OTHER X-SIPHON
CORRECTIVE ACTION TAKEN:	TEST WELLS

CONTRACTOR: DID DEP HIRE CONT: WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: COSS ASSIGNED DATE: NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: CASE NUMBER 2: PIN: INC CODE: OTHER OWNER: PROP NAME:	CONT NAME: HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: 913 ASSIGNED TIME: NOTIFICATION STATUS: CASE NUMBER: FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER:
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: 01/02/92 QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: Y COPY: 2
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MISCELLANEOUS INFORMATION: CONTACT IS JACK CHAGNON TANKS ARE 3 10K STEEL (SINGLE WALL) 1987
VINTAGE SINGLE M-WELL BY AET SHOWS 2-3 FT PRODUCT

NORTHEAST TESTED TANKS A LINES LINE ON REG UNLEADED LEAKED TO DATE APPRX 35 GAL REMOVED OUT OF WELL 1 ATLAS OIL TO DO SITE ASSESMENT HIRING CONSULTANT TO PUT IN MONITORING WELLS

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 32 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 61

NAME: MOBIL 01-QQ5 ADDRESS: 240 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: SOURCE: CT DEP	REV: 4/23/10 ID1: 2318 ID2: STATUS: SUSPECTED PHONE:
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SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: LOCATION METHOD: OTHER DEP: UPDATED BY: UPDATED PROGRAM: UPDATED: SW CLASSIFICATION: GW CLASSIFICATION:	NO POST, M. CORE 3/28/1995
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COMMENTS:

SITE NAMES

ATLAS OIL
ATLAS OIL

COMMENTS:

REFERRAL INFORMATION

SOURCE: RECEIVED: STAFF: PROGRAM: ASSIGNED: COMPLETED: OUTCOME:	REMEDIAL - DEP WATER BUREAU - REMEDIATION SECTION 3/28/1995
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***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 169 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 61

NAME: ADDRESS: 240 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200805159 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 8/13/2008
TIME OF RELEASE:
ACTION: CONTAINED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 8/13/2008
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 8/13/2008 5:25:55 PM
REPORTED BY: ERIC X2699
REPORTER S PHONE: 9977725

MATERIAL RELEASED: GASOLINE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: PUMP FAILURE

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 170 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 61

NAME: ADDRESS: 240 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200802131 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 4/9/2008
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 4/9/2008 6:37:28 PM
REPORTED BY: 8
REPORTER S PHONE: 5338625

MATERIAL RELEASED: MOTOR VEHICLE FLUIDS
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 202 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 61

NAME: MOBIL SERVICE STATION 01-QQ5 R/S 12549 ADDRESS: 250 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 10/5/10 ID1: 01114 ID2: 77-1114 STATUS: CURRENTLY IN USE PHONE:
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TOTAL NUMBER OF TANKS: 9

SITE INFORMATION

FACILITY ID: 01114 TANK ID: 1114-1 TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND DATE INSTALLED: 6/1/1971 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: 3/1/1987 CAPACITY (GALS): 10000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01114 TANK ID: 1114-2 TANK STATUS: CURRENTLY IN USE- DATE INSTALLED: 4/1/1987 SUBSTANCE STORED: GASOLINE TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3) PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC	DATE LAST USED: CAPACITY (GALS): 10000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01114 TANK ID: 1114-3 TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND DATE INSTALLED: 6/1/1971 SUBSTANCE STORED: GASOLINE TANK MATERIAL: ASPHALT COATED OR BARE STEEL PIPE MATERIAL: BARE OR GALVONIZED STEEL	DATE LAST USED: 3/1/1987 CAPACITY (GALS): 10000 TANK PROTECTION: PIPE PROTECTION:
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SITE INFORMATION

FACILITY ID: 01114 TANK ID: 1114-4 TANK STATUS: CURRENTLY IN USE- DATE INSTALLED: 4/1/1987 SUBSTANCE STORED: GASOLINE TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3) PIPE MATERIAL: RIGID FIBERGLASS REINFORCED PLASTIC	DATE LAST USED: CAPACITY (GALS): 10000 TANK PROTECTION: PIPE PROTECTION:
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- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 202 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 61

NAME: MOBIL SERVICE STATION 01-QQ5 R/S 12549	REV: 10/5/10
ADDRESS: 250 MIDDLE TPKE W	ID1: 01114
MANCHESTER CT 06040	ID2: 77-1114
HARTFORD	STATUS: CURRENTLY IN USE
CONTACT:	PHONE:
SOURCE: CT DEP	

SITE INFORMATION

FACILITY ID:	01114	
TANK ID:	1114-5	
TANK STATUS:	PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND	
DATE INSTALLED:	6/1/1971	DATE LAST USED: 3/1/1987
SUBSTANCE STORED:	GASOLINE	CAPACITY (GALS): 10000
TANK MATERIAL:	ASPHALT COATED OR BARE STEEL	TANK PROTECTION:
PIPE MATERIAL:	BARE OR GALVONIZED STEEL	PIPE PROTECTION:

SITE INFORMATION

FACILITY ID:	01114	
TANK ID:	1114-6	
TANK STATUS:	CURRENTLY IN USE-	
DATE INSTALLED:	4/1/1987	DATE LAST USED:
SUBSTANCE STORED:	GASOLINE	CAPACITY (GALS): 10000
TANK MATERIAL:	COATED and CATHODICALLY PROTECTED STEEL (STI-P3)	TANK PROTECTION:
PIPE MATERIAL:	RIGID FIBERGLASS REINFORCED PLASTIC	PIPE PROTECTION:

SITE INFORMATION

FACILITY ID:	01114	
TANK ID:	1114-7	
TANK STATUS:	CURRENTLY IN USE-	
DATE INSTALLED:	6/1/1971	DATE LAST USED:
SUBSTANCE STORED:	KEROSENE	CAPACITY (GALS): 2000
TANK MATERIAL:	FIBERGLASS REINFORCED PLASTIC	TANK PROTECTION:
PIPE MATERIAL:	RIGID FIBERGLASS REINFORCED PLASTIC	PIPE PROTECTION:

SITE INFORMATION

FACILITY ID:	01114	
TANK ID:	1114-8	
TANK STATUS:	CURRENTLY IN USE-	
DATE INSTALLED:	4/1/1987	DATE LAST USED:
SUBSTANCE STORED:	GASOLINE	CAPACITY (GALS): 10000
TANK MATERIAL:	COATED and CATHODICALLY PROTECTED STEEL (STI-P3)	TANK PROTECTION:
PIPE MATERIAL:	OTHER (SPECIFY)	PIPE PROTECTION: DOUBLE-WALLED

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 202	DIST/DIR: 0.21 NE	ELEVATION: 150	MAP ID: 61
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NAME: MOBIL SERVICE STATION 01-QQ5 R/S 12549
ADDRESS: 250 MIDDLE TPKE W
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 10/5/10
ID1: 01114
ID2: 77-1114
STATUS: CURRENTLY IN USE
PHONE:

SITE INFORMATION

FACILITY ID: 01114

TANK ID: 1114-9
TANK STATUS: CURRENTLY IN USE-

DATE INSTALLED: 4/1/1987	DATE LAST USED:
SUBSTANCE STORED: GASOLINE	CAPACITY (GALS): 10000
TANK MATERIAL: COATED and CATHODICALLY PROTECTED STEEL (STI-P3)	TANK PROTECTION:
PIPE MATERIAL: OTHER (SPECIFY)	PIPE PROTECTION: DOUBLE-WALLED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 46 **DIST/DIR:** 0.21 NW **ELEVATION:** 113 **MAP ID:** 62

NAME: BROOK HAVEN CONDO ASSOCIATION
ADDRESS: 426 MIDDLE TPKE E
MANCHESTER CT
HARTFORD
CONTACT: GOTHBERG, ERIK
SOURCE: CT DEP

REV: 11/18/10
ID1: 200206809
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 9/26/2002
TIME OF RELEASE:
ACTION: CONTRACTED

DISCHARGER: BROOK HAVEN CONDO ASSOCIATION
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 9/26/2002 3:32:50 PM
REPORTED BY: ROSE
REPORTER S PHONE: 6463348

MATERIAL RELEASED: 2 FUEL OIL
QUANTITY SPILLED: 20 GAL

CAUSE OF INCIDENT: TRANSFER LINE FAILURE

EMERGENCY MEASURES:

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 84 **DIST/DIR:** 0.21 NW **ELEVATION:** 154 **MAP ID:** 63

NAME: RLR /JRJ ASSOCIATES ADDRESS: 263 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: RLR /JRJ ASSOCIATES SOURCE: CT DEP	REV: 3/13/01 ID1: 955907 ID2: STATUS: CLOSED PHONE: 203 236 1155
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: 933
REPORT DATE: 10/25/95
ACTUAL TIME: 32
REPORTER: CARRIE DAN COSSE
DAN COSSE HAIR STYLING
253 WEST MIDDLE TNPK
MANCHESTER CT 6040

REPORT TIME: 11

WORK PHONE: 203 647 9879

HOME PHONE:

POLE NUMBER:

INCIDENT TYPE: PETROLEUM

GALLONS: 100

POUNDS:

DRUMS:

CERCLA:

EMERGENCY CLEANUP:

TOTAL POUNDS:

DISCHARGED: HYDRAULIC OIL/WATER

YARDS:

CON:

FEDRAL:

ACROSS PROPERTY LINES:

REP QUAN:

DESCRIPTION:

DATE: 10/25/95

CONTINUOUS SPILL:

RELEASE TERMINATED: Y

UNKNOWN:

DATE UNKNOWN:

SPILL TIME:

ONGOING RELEASE:

CONTAINED: Y

ADDITIONAL INFORMATION: OIL FROM HYDRAULIC LIFT LEAKING/DISCHARGING OT ADJ PROPERTY

WATERBODY:

LIS:

CATCH BASIN:

AIR:

GROUND WATER:

INSIDE BUILDING:

TOTAL IN WATER:

TOTAL RECOVERED:

RESPONSIBLE PARTY: RLR /JRJ ASSOCIATES

RIVER:

TRIBUTARY:

POND:

SURFACE WATER:

GROUND SURFACE: Y

OTHER AREA:

TOTAL RECOVERED FROM WATER:

PHONE: 203 236 1155

POLLUTER UNKNOWN:

CLEANUP ACTION TAKEN:

DUN BRAD:

NOTIFIED COAST GAURD:

NOTIFIED LOCAL FIRE DEPT:

NOTIFIED ATTORNEY GENERAL:

NOTIFIED STATE DOHS:

NOTIFIED STATE AIR BUREAU:

NOTIFIED WEED HAZ WASTE:

ACCEPT RESPONSIBILITY: Y

NOTIFIED FEDERAL GOVERNMENT:

NOTIFIED FIRE MARSHALL:

NOTIFIED POLICE:

NOTIFIED AQUACULTURE:

NOTIFIED STATE WATER BUREAU:

NOTIFIED STATE WASTE BUREAU:

NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 84 **DIST/DIR:** 0.21 NW **ELEVATION:** 154 **MAP ID:** 63

NAME: RLR /JRJ ASSOCIATES ADDRESS: 263 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: RLR /JRJ ASSOCIATES SOURCE: CT DEP	REV: 3/13/01 ID1: 955907 ID2: STATUS: CLOSED PHONE: 203 236 1155
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PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: DISCHARGE CLASS: COMMERCIAL	NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE:
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CAUSE: CONTAINER FAILURE

CORRECTIVE ACTION TAKEN: CONTRACTED

CONTRACTOR: Y DID DEP HIRE CONT: N WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: STAVOLA ASSIGNED DATE: NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: CASE NUMBER 2: PIN: INC CODE: OTHER OWNER: PROP NAME:	CONT NAME: CLEAN HARBORS HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: 933 ASSIGNED TIME: NOTIFICATION STATUS: CASE NUMBER: FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER:
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: 10/25/95 QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: Y COPY: 2
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MISCELLANEOUS INFORMATION: FORMER STOP/SHOP TRUCK LIFT FILED W WATER AND LEAKED OIL OVERFLOWING TO PARKING LOT NECESSITATING IMMEDIATE ACTION CLEAN HARBORS PUMED OUT 10/25 THIS MAY RECUR SITE IS BEING MONITORED

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 185 **DIST/DIR:** 0.21 NW **ELEVATION:** 154 **MAP ID:** 63

NAME: ADDRESS: 263 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 953592 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR REPORT DATE: 06/07/95 ACTUAL TIME: 49 REPORTER: DISP TURKOTTE FIRE DEPT WORK PHONE: 203 643 7373 HOME PHONE: POLE NUMBER: INCIDENT TYPE: CHEMICAL GALLONS: 1 POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	REPORT TIME: 20 DISCHARGED: ANTIFREEZE YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 06/07/95 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: ONGOING RELEASE: CONTAINED: Y
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ADDITIONAL INFORMATION:

WATERBODY: LIS: CATCH BASIN: AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: 1 RESPONSIBLE PARTY:	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: Y OTHER AREA: TOTAL RECOVERED FROM WATER:
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PHONE: POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: SANDED DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 185 **DIST/DIR:** 0.21 NW **ELEVATION:** 154 **MAP ID:** 63

NAME: ADDRESS: 263 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 953592 ID2: STATUS: CLOSED PHONE:
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PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: DISCHARGE CLASS: TRANSPORTATION	NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE:
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CAUSE: MOTOR VEHICLE ACCIDENT

CORRECTIVE ACTION TAKEN: SANDED

CONTRACTOR: DID DEP HIRE CONT: WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: ASSIGNED DATE: NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: CASE NUMBER 2: PIN: INC CODE: OTHER OWNER: PROP NAME:	CONT NAME: HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: ASSIGNED TIME: NOTIFICATION STATUS: CASE NUMBER: FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER:
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: COPY: W
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MISCELLANEOUS INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 184 **DIST/DIR:** 0.21 NW **ELEVATION:** 154 **MAP ID:** 63

NAME: ADDRESS: 263 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200002276 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 4/9/2000
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 4/9/2000 5:57:21 PM
REPORTED BY: ZAJAC
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 54 **DIST/DIR:** 0.21 NW **ELEVATION:** 154 **MAP ID:** 63

NAME: M.V.A ADDRESS: 263 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9700104 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 1/7/1997
TIME OF RELEASE: 1:08:00 PM
ACTION: SANDED

DISCHARGER: M.V.A
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 1/7/1997 1:18:57 PM
REPORTED BY: DISPATCHER ZAJAC
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 183 **DIST/DIR:** 0.21 NW **ELEVATION:** 154 **MAP ID:** 63

NAME: ADDRESS: 263 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200002332 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 4/11/2000
TIME OF RELEASE: 8:40:00 AM
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 4/11/2000 8:57:22 AM
REPORTED BY: DISPATCHER 603
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: CONTENTS OF 2 RADIATORS SPILLED DUE TO AN MVA. SANDED

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 63 **DIST/DIR:** 0.21 NW **ELEVATION:** 104 **MAP ID:** 64

NAME: MORANDE FORD ADDRESS: BROAD ST/BIGELOW BRO MANCHESTER CT 06040 HARTFORD CONTACT: MORANDE FORD SOURCE: CT DEP	REV: 3/13/01 ID1: 92608 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: 913 REPORT DATE: 02/07/92 ACTUAL TIME: 12 REPORTER: MANCHESTER P D	REPORT TIME: 17
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WORK PHONE: 203 646 4555 HOME PHONE: POLE NUMBER: INCIDENT TYPE: CHEMICAL GALLONS: 10 POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	DISCHARGED: ANTIFREEZE YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 02/07/92 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: ONGOING RELEASE: CONTAINED: Y
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ADDITIONAL INFORMATION: IN BIGELOW BROOK HEAVY AMT ANTIFREEZE COMING OUT FRMPIPE INTO BROOK

WATERBODY: BIGELOW BROOK LIS: CATCH BASIN: AIR: GROUND WATER: Y INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: RESPONSIBLE PARTY: MORANDE FORD CENTER ST MANCHESTER CT 6040	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: OTHER AREA: TOTAL RECOVERED FROM WATER:
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PHONE: POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: WASHED DOWN DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: Y NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 63 **DIST/DIR:** 0.21 NW **ELEVATION:** 104 **MAP ID:** 64

NAME: MORANDE FORD ADDRESS: BROAD ST/BIGELOW BRO MANCHESTER CT 06040 HARTFORD CONTACT: MORANDE FORD SOURCE: CT DEP	REV: 3/13/01 ID1: 92608 ID2: STATUS: CLOSED PHONE:
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PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: DISCHARGE CLASS: COMMERCIAL	NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE:
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CAUSE: ILLEGAL DISCHARGE

CORRECTIVE ACTION TAKEN: WASHED DOWN

CONTRACTOR: DID DEP HIRE CONT: WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: ASSIGNED DATE: 02/07/92 NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: CASE NUMBER 2: PIN: INC CODE: OTHER OWNER: PROP NAME:	CONT NAME: HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: 913 ASSIGNED TIME: 17 24 NOTIFICATION STATUS: CASE NUMBER: FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER:
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: 02/07/92 QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: Y COPY: 2
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MISCELLANEOUS INFORMATION: CLEANING BAYS WASHED DOWN ANTIFREEZE INTO BROOK and CATCH BASIN NO CLEAN UP COULD TAKE PLACE

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 69 **DIST/DIR:** 0.21 NW **ELEVATION:** 158 **MAP ID:** 65

NAME: MVA ADDRESS: 277 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9808721 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 12/22/1998
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER: MVA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 12/22/1998 9:55:57 AM
REPORTED BY: DISP 604
REPORTER S PHONE: 6437373

MATERIAL RELEASED: MOTOR VEHICLE FLUIDS
QUANTITY SPILLED: 5 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 94 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: TIRE COUNTRY
ADDRESS: BROAD ST and MIDDLE TPKE W
MANCHESTER CT
HARTFORD
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 11/18/10
ID1: 200102864
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 5/1/2001
TIME OF RELEASE:
ACTION: OTHER

DISCHARGER: TIRE COUNTRY
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

REPORT TIME: 5/1/2001 12:48:28 PM
REPORTED BY: STEVEN ARANA
REPORTER S PHONE: 6450530

MATERIAL RELEASED: WASTE OIL
QUANTITY SPILLED: 50 GAL

CAUSE OF INCIDENT: ABOVE GROUND TANK FAILURE

CAUSE OF INCIDENT: DUMPING

EMERGENCY MEASURES: 5 ABOVE GROUND WASTE OIL TANKS , OWNER HAS A WASTE OIL BURNER, VERY MESSY WITH THE OIL

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 164 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200605704 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 9/8/2006
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 9/8/2006 5:56:44 PM
REPORTED BY: FD
REPORTER S PHONE: 6437373

MATERIAL RELEASED: GASOLINE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 179 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 912698 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR REPORT DATE: 07/12/91 ACTUAL TIME: 45 REPORTER: DAVE CASELLINI MANCHESTER F D	REPORT TIME: 15
WORK PHONE: 203 643 7373 HOME PHONE: POLE NUMBER: INCIDENT TYPE: CHEMICAL GALLONS: 3 POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	DISCHARGED: ANTIFREEZE YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:

DESCRIPTION:

DATE: 07/12/91 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: 1530 ONGOING RELEASE: CONTAINED: Y
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ADDITIONAL INFORMATION: 3 CAR MOTOR VEHICLE ACCIDENT

WATERBODY: LIS: CATCH BASIN: AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: RESPONSIBLE PARTY:	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: OTHER AREA: TOTAL RECOVERED FROM WATER:
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PHONE: POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: SANDED BY F D ALLOWED TO EVAPORATE DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 179 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 912698 ID2: STATUS: CLOSED PHONE:
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PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: DISCHARGE CLASS: PRIVATE	NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE:
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CAUSE: MOTOR VEHICLE ACCIDENT

CORRECTIVE ACTION TAKEN: EVAPORATED SANDED

CONTRACTOR: DID DEP HIRE CONT: WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: ZIEMINSKI ASSIGNED DATE: NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: CASE NUMBER 2: PIN: INC CODE: OTHER OWNER: PROP NAME: CITY OF NEW HAVEN	CONT NAME: HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: ASSIGNED TIME: NOTIFICATION STATUS: CASE NUMBER: FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER: 2
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: COPY: W
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MISCELLANEOUS INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 174 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and W MIDDLE TPKE MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200303404 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 5/6/2003
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 5/6/2003 8:33:13 PM
REPORTED BY: FD
REPORTER S PHONE: 6437373

MATERIAL RELEASED: MOTOR VEHICLE FLUIDS
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 176 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200300592 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 1/31/2003
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 1/31/2003 7:44:35 PM
REPORTED BY: DISP 603
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 5 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: MVA ANTIFREEZE, SANDED, NO WATER

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 178 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9800060 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 1/5/1998
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 1/5/1998 6:50:51 PM
REPORTED BY: 601
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 172 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200403334 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 5/23/2004
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 5/23/2004 12:56:02 PM
REPORTED BY: MARVIN
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 3 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 163	DIST/DIR: 0.21 NE	ELEVATION: 150	MAP ID: 66
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NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200805946 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 9/17/2008
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 9/17/2008 4:10:01 PM
REPORTED BY: DULEY
REPORTER S PHONE: 5338652

MATERIAL RELEASED: TRANSMISSION OIL
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: CONTAINER FAILURE

EMERGENCY MEASURES: SAND TRAIL ALONG ROADS NOT WATER WAYS OR DRAINS.

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 134 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 947120 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR REPORT DATE: 11/23/94 ACTUAL TIME: 12 REPORTER: DISP CHRISTIANSEN FIRE DEPT WORK PHONE: 203 643 7373 HOME PHONE: POLE NUMBER: INCIDENT TYPE: CHEMICAL GALLONS: 3 POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	REPORT TIME: 21 DISCHARGED: ANTIFREEZE YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 11/23/94 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: ONGOING RELEASE: CONTAINED: Y
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ADDITIONAL INFORMATION:

WATERBODY: LIS: CATCH BASIN: AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: RESPONSIBLE PARTY:	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: Y OTHER AREA: TOTAL RECOVERED FROM WATER:
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PHONE: POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: SANDED DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 134 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 947120 ID2: STATUS: CLOSED PHONE:
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PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: DISCHARGE CLASS: TRANSPORTATION	NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE:
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CAUSE: MOTOR VEHICLE ACCIDENT

CORRECTIVE ACTION TAKEN: SANDED

CONTRACTOR: DID DEP HIRE CONT: WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: ASSIGNED DATE: NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: CASE NUMBER 2: PIN: INC CODE: OTHER OWNER: PROP NAME:	CONT NAME: HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: ASSIGNED TIME: NOTIFICATION STATUS: CASE NUMBER: FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER:
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: COPY: W
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MISCELLANEOUS INFORMATION:

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 136 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST/WEST MILL MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 934411 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR	
REPORT DATE: 08/15/93	REPORT TIME: 18
ACTUAL TIME: 31	
REPORTER: DISP ARENDT	

WORK PHONE: 203 643 7373	
HOME PHONE:	
POLE NUMBER:	
INCIDENT TYPE: CHEMICAL	DISCHARGED: ANTIFREEZE
GALLONS:	YARDS:
POUNDS:	CON:
DRUMS:	FEDRAL:
CERCLA:	ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:	REP QUAN:
TOTAL POUNDS:	

DESCRIPTION:

DATE: 08/15/93	DATE UNKNOWN:
CONTINUOUS SPILL:	SPILL TIME:
RELEASE TERMINATED: Y	ONGOING RELEASE:
UNKNOWN:	CONTAINED: Y

ADDITIONAL INFORMATION:

WATERBODY:	RIVER:
LIS:	TRIBUTARY:
CATCH BASIN:	POND:
AIR:	SURFACE WATER:
GROUND WATER:	GROUND SURFACE: Y
INSIDE BUILDING:	OTHER AREA:
TOTAL IN WATER:	TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED:	
RESPONSIBLE PARTY:	

PHONE:	ACCEPT RESPONSIBILITY:
POLLUTER UNKNOWN:	
CLEANUP ACTION TAKEN: CONTAINED/REMOVED	
DUN BRAD:	
NOTIFIED COAST GAURD:	NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED LOCAL FIRE DEPT:	NOTIFIED FIRE MARSHALL:
NOTIFIED ATTORNEY GENERAL:	NOTIFIED POLICE:
NOTIFIED STATE DOHS:	NOTIFIED AQUACULTURE:
NOTIFIED STATE AIR BUREAU:	NOTIFIED STATE WATER BUREAU:
NOTIFIED WEED HAZ WASTE:	NOTIFIED STATE WASTE BUREAU:
	NOTIFIED WEED SOLID WASTE:

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***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 136 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST/WEST MILL MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 934411 ID2: STATUS: CLOSED PHONE:
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PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: DISCHARGE CLASS: PRIVATE	NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE:
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CAUSE: MOTOR VEHICLE ACCIDENT

CORRECTIVE ACTION TAKEN: SANDED

CONTRACTOR: DID DEP HIRE CONT: WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: ASSIGNED DATE: NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: CASE NUMBER 2: PIN: INC CODE: OTHER OWNER: PROP NAME:	CONT NAME: HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: ASSIGNED TIME: NOTIFICATION STATUS: CASE NUMBER: FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER:
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: COPY: W
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MISCELLANEOUS INFORMATION:

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 135 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 932167 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR	
REPORT DATE: 05/04/93	REPORT TIME: 9
ACTUAL TIME: 40	
REPORTER: DISP ARENDT FIRE DEPT 8TH DIST	

WORK PHONE: 203 643 7373	
HOME PHONE:	
POLE NUMBER:	
INCIDENT TYPE: PETROLEUM	DISCHARGED: DIESEL FUEL
GALLONS: 1	YARDS:
POUNDS:	CON:
DRUMS:	FEDRAL:
CERCLA:	ACROSS PROPERTY LINES:
EMERGENCY CLEANUP:	REP QUAN:
TOTAL POUNDS:	

DESCRIPTION:

DATE: 05/04/93	DATE UNKNOWN:
CONTINUOUS SPILL:	SPILL TIME:
RELEASE TERMINATED: Y	ONGOING RELEASE:
UNKNOWN:	CONTAINED: Y

ADDITIONAL INFORMATION: TRAIL OF DIESEL APPRX 50 LONG

WATERBODY:	RIVER:
LIS:	TRIBUTARY:
CATCH BASIN:	POND:
AIR:	SURFACE WATER:
GROUND WATER:	GROUND SURFACE: Y
INSIDE BUILDING:	OTHER AREA:
TOTAL IN WATER:	TOTAL RECOVERED FROM WATER:
TOTAL RECOVERED:	
RESPONSIBLE PARTY:	

PHONE:	ACCEPT RESPONSIBILITY:
POLLUTER UNKNOWN:	
CLEANUP ACTION TAKEN: SANDED	
DUN BRAD:	NOTIFIED FEDERAL GOVERNMENT:
NOTIFIED COAST GAURD:	NOTIFIED FIRE MARSHALL:
NOTIFIED LOCAL FIRE DEPT: Y	NOTIFIED POLICE:
NOTIFIED ATTORNEY GENERAL:	NOTIFIED AQUACULTURE:
NOTIFIED STATE DOHS:	NOTIFIED STATE WATER BUREAU:
NOTIFIED STATE AIR BUREAU:	NOTIFIED STATE WASTE BUREAU:
NOTIFIED WEED HAZ WASTE:	NOTIFIED WEED SOLID WASTE:

- Continued on next page -

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 135 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 3/13/01 ID1: 932167 ID2: STATUS: CLOSED PHONE:
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PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: 940 DISCHARGE CLASS: GOVERNMENTAL	NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE: 05/04/93
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CAUSE: OVERFILL

CORRECTIVE ACTION TAKEN: SANDED

CONTRACTOR: DID DEP HIRE CONT: WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: PORTER ASSIGNED DATE: NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: CASE NUMBER 2: PIN: INC CODE: OTHER OWNER: PROP NAME:	CONT NAME: HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: ASSIGNED TIME: NOTIFICATION STATUS: CASE NUMBER: FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER:
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: COPY: W
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MISCELLANEOUS INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 177 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200106736 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 9/1/2001
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 9/1/2001 2:51:04 PM
REPORTED BY: STEULETT
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 165 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200404061 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 6/18/2004
TIME OF RELEASE: 4:48:00 PM
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 4:48:00 PM
REPORTED BY: 603
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: HALF OF GALLON OF ANTIFREEZE SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 173 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200307604 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 10/17/2003
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 10/17/2003 4:37:53 PM
REPORTED BY: MARVIN
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 175 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200302170 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 3/14/2003
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 3/14/2003 5:29:43 PM
REPORTED BY: SISE
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 0.5 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 74 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: MVA
ADDRESS: BROAD ST and MIDDLE TPKE W
MANCHESTER CT
HARTFORD
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 11/18/10
ID1: 200300083
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 1/7/2003
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER: MVA
MANCHESTER CT 06040

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 1/7/2003
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER: MVA
MANCHESTER CT 06040

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 1/7/2003 12:17:44 PM
REPORTED BY: DISP 604
REPORTER S PHONE: 6437373

MATERIAL RELEASED: MOTOR VEHICLE FLUIDS
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 71 **DIST/DIR:** 0.21 NE **ELEVATION:** 150 **MAP ID:** 66

NAME: MVA ADDRESS: BROAD ST and MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: 0 SOURCE: CT DEP	REV: 3/16/04 ID1: 9606749 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 12/24/1996
TIME OF RELEASE: 12:30:00 PM
ACTION: SANDED

DISCHARGER: MVA
MANCHESTER CT 06040

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 12/24/1996
TIME OF RELEASE: 12:30:00 PM
ACTION: CLEANED

DISCHARGER: MVA
MANCHESTER CT 06040

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 12:48:00 PM
REPORTED BY: DISPATCHER CHRISTENSEN
REPORTER S PHONE: 6437373

MATERIAL RELEASED: VARIOUS ENGINE FLUIDS
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SPEEDY DRY AND REMOVE

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 79 **DIST/DIR:** 0.21 NE **ELEVATION:** 166 **MAP ID:** 67

NAME: OWNER
ADDRESS: 58 ESSEX and 53 DURAND ST
MANCHESTER CT

REV: 11/18/10
ID1: 9806695
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 9/30/1998
TIME OF RELEASE:
ACTION: CONTAINED

DISCHARGER: OWNER
58 ESSEX STREET
MANCHESTER CT 06040

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

SITE INFORMATION

DATE OF RELEASE: 9/30/1998
TIME OF RELEASE:
ACTION: REMOVED

DISCHARGER: OWNER
58 ESSEX STREET
MANCHESTER CT 06040

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 4:06:00 PM
REPORTED BY: DISP. 601
REPORTER S PHONE: 6437373

MATERIAL RELEASED: MOTOR OIL
CAUSE OF INCIDENT: DUMPING

EMERGENCY MEASURES: FIRE CHIEF WILL REFER TO SANITARIAN

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 131	DIST/DIR: 0.21 NW	ELEVATION: 108	MAP ID: 68
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NAME: ADDRESS: 387 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200701378 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 3/7/2007
TIME OF RELEASE: 12:24:00 PM
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 3/7/2007 12:43:58 PM
REPORTED BY: MARVIN
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 4 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 99 **DIST/DIR:** 0.22 NE **ELEVATION:** 165 **MAP ID:** 69

NAME: UNKNOWN
ADDRESS: 40 DURANT ST
MANCHESTER CT

REV: 11/18/10
ID1: 9901005
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 2/11/1999
TIME OF RELEASE:
ACTION: CONTAINED

DISCHARGER: UNKNOWN
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

REPORT TIME: 2/11/1999 3:48:18 PM
REPORTED BY: DISPATCHER EASTON
REPORTER S PHONE: 6437373

MATERIAL RELEASED: 2 FUEL OIL
QUANTITY SPILLED: 5 GAL

CAUSE OF INCIDENT: TRANSFER LINE FAILURE

EMERGENCY MEASURES: WATER IN BASEMENT CAUSED OIL LINE TO WEEP / PADDED UP BY FIRE DEPARTMENT

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 105	DIST/DIR: 0.22 SW	ELEVATION: 145	MAP ID: 70
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NAME: ADDRESS: 95 ST JOHN ST MANCHESTER CT	REV: 11/18/10 ID1: 200003031 ID2: STATUS: CLOSED PHONE:
CONTACT: NO RESPONSE SOURCE: CT DEP	

SITE INFORMATION

DATE OF RELEASE: 5/6/2000
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 5/6/2000 10:45:42 AM
REPORTED BY: PATRICK KEARNEY
REPORTER S PHONE: 6458146

MATERIAL RELEASED: RAW SEWAGE
QUANTITY SPILLED: 50 GAL

CAUSE OF INCIDENT: BLOW BACK

EMERGENCY MEASURES: SEWER BACKED UP INTO A CELLAR

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 132 **DIST/DIR:** 0.22 NW **ELEVATION:** 106 **MAP ID:** 71

NAME: ADDRESS: 430 MIDDLE TPKE E MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200105109 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 7/10/2001
TIME OF RELEASE: 11:51:00 PM
ACTION: CONTAINED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 7/10/2001
TIME OF RELEASE: 11:51:00 PM
ACTION: OTHER

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 11:51:00 PM
REPORTED BY: BOB BROWN
REPORTER S PHONE: 2495895

MATERIAL RELEASED: TRANSFORMER OIL
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: OTHER

EMERGENCY MEASURES: CONTAINED / BEING TESTED FOR PCB

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 133	DIST/DIR: 0.22 NW	ELEVATION: 154	MAP ID: 72
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NAME: ADDRESS: 255 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9906244 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 9/16/1999
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 6:29:00 AM
REPORTED BY: MANCHESTER FIRE
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SANDED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 182	DIST/DIR: 0.23 NW	ELEVATION: 154	MAP ID: 73
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NAME: ADDRESS: 241 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9905815 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 8/29/1999
TIME OF RELEASE: 3:13:00 PM
ACTION: SANDED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 3:13:00 PM
REPORTED BY: DISP 602
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SPEEDY DRY

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 181 **DIST/DIR:** 0.23 NW **ELEVATION:** 154 **MAP ID:** 73

NAME: ADDRESS: 241 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200203859 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 6/10/2002
TIME OF RELEASE:
ACTION: CLEANED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 6/10/2002
TIME OF RELEASE:
ACTION: NEUTRALIZED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

SITE INFORMATION

DATE OF RELEASE: 6/10/2002
TIME OF RELEASE:
ACTION: REMOVED

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 6/10/2002 10:51:30 AM
REPORTED BY: DISP 601
REPORTER S PHONE: 6437373

MATERIAL RELEASED: BATTERY ACID
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: CONTAINER FAILURE

EMERGENCY MEASURES: NEUTRALIZED AND CLEANED

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 101 **DIST/DIR:** 0.23 NW **ELEVATION:** 154 **MAP ID:** 73

NAME: UNKNOWN MOTORIST
ADDRESS: 241 MIDDLE TPKE W
MANCHESTER CT
HARTFORD
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 11/18/10
ID1: 200200597
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 1/28/2002
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER: UNKNOWN MOTORIST
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 1/28/2002 3:33:11 PM
REPORTED BY: ZAJAC
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 4 GAL

CAUSE OF INCIDENT: HOSE FAILURE

EMERGENCY MEASURES: CONTENTS OF RADIATOR OF MVA ON GROUND. NO DRAINS INVOLVED, FD TO SAND.

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

RCRAGN

SEARCH ID: 5 **DIST/DIR:** 0.23 NW **ELEVATION:** 154 **MAP ID:** 73

NAME: CVS PHARMACY 04436
ADDRESS: 241 MIDDLE TPKE W
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: EPA

REV: 11/10/10
ID1: CTR000509224
ID2:
STATUS: SGN
PHONE:

DETAILS NOT AVAILABLE

SPILLS

SEARCH ID: 82 **DIST/DIR:** 0.23 SW **ELEVATION:** 152 **MAP ID:** 74

NAME: PRIVATE VEHICLE
ADDRESS: 467 CENTER ST
MANCHESTER CT
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 11/18/10
ID1: 200009192
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 12/6/2000
TIME OF RELEASE: 9:16:00 AM
ACTION: SANDED

DISCHARGER: PRIVATE VEHICLE
CT

DISCHARGER S PHONE: 0000000
ACCEPTS RESPONSIBILITY:

REPORT TIME: 12/6/2000 9:28:21 AM
REPORTED BY: DISP. 604
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SPEEDY DRY

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 96	DIST/DIR: 0.23 SW	ELEVATION: 152	MAP ID: 74
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NAME: UNK ADDRESS: 467 CENTER ST MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 201005343 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 9/3/2010
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER: UNK
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY:

REPORT TIME: 9/3/2010 2:48:54 PM
REPORTED BY: DISPATCH
REPORTER S PHONE: 5338625

MATERIAL RELEASED: MOTOR OIL
CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: CONTENTS OF ENGINE

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

UST

SEARCH ID: 201	DIST/DIR: 0.23 NE	ELEVATION: 160	MAP ID: 75
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NAME: HAGEDURN SERVICE STATION
ADDRESS: 230 MIDDLE TPKE W
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 10/5/10
ID1: 01280
ID2: 77-1280
STATUS: PERMANENTLY CLOSED
PHONE:

TOTAL NUMBER OF TANKS: 2

SITE INFORMATION

FACILITY ID: 01280

TANK ID: 1280-1
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 10/1/1953	DATE LAST USED: 10/1/1986
SUBSTANCE STORED: GASOLINE	CAPACITY (GALS): 3000
TANK MATERIAL: ASPHALT COATED OR BARE STEEL	TANK PROTECTION:
PIPE MATERIAL:	PIPE PROTECTION:

SITE INFORMATION

FACILITY ID: 01280

TANK ID: 1280-2
TANK STATUS: PERMANENTLY CLOSED-TANK WAS REMOVED FROM GROUND

DATE INSTALLED: 10/1/1953	DATE LAST USED: 10/1/1986
SUBSTANCE STORED: GASOLINE	CAPACITY (GALS): 3000
TANK MATERIAL: ASPHALT COATED OR BARE STEEL	TANK PROTECTION:
PIPE MATERIAL:	PIPE PROTECTION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 210	DIST/DIR: 0.23 NE	ELEVATION: 160	MAP ID: 75
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NAME: CENTER MOTORS ADDRESS: 230 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 7/18/06 ID1: 29084 ID2: 956 STATUS: LUST COMPLETED (PROGRAM NO LON PHONE:
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SITE INFORMATION

INCIDENT DATE: 5/8/1997
SPILL CASE ID:
SITS CASE ID:
UST SITE ID:

MATERIAL:

MOTOR FUEL:	-1
DIESEL:	0
GASOLINE:	0
OTHER	0

CAUSE

LEAK	0
TANK:	0
PIPING:	0
OVERFILL	0
REMOVAL:	0

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 209	DIST/DIR: 0.23 NE	ELEVATION: 160	MAP ID: 75
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NAME: CENTER MOTORS ADDRESS: 230 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: ID1: 4946 ID2: STATUS: Y PHONE:
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REPORT DATE: 05-08-97 MATERIAL: LOW CAPACITY: 1000 PRODUCT: HF2	FED REG: Y NUMBER OF TANKS: 1 HIGH CAPACITY: 1000
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TANK REMOVED: Y	UNCONTROLLED RELEASE:	EMERGENCY: Y	
TANK RELEASE:	PIPING RELEASE: Y	OVERFILL RELEASE:	Y

REMEDATION: 3 YDS. SOIL REMOVAL REFERRED: COMMENT:	COMPLETE: Y
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***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 221 **DIST/DIR:** 0.23 NE **ELEVATION:** 160 **MAP ID:** 75

NAME: ADDRESS: 230 MIDDLE TPKE W MANCHESTER CT 06040 HARTFORD CONTACT: ALEXANDER, ED SOURCE: CT DEP	REV: 11/30/10 ID1: 9702272 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 5/8/1997
TIME OF RELEASE: 9:11:00 AM

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

MATERIAL RELEASED (GAL): 2 FUEL OIL OR GASOLINE 0

CAUSE OF INCIDENT: 3 - INGROUND TANK FAILURE
OTHER:

REPORT TIME: 9:11:00 AM
REPORTED BY: LYNN
REPORTER S PHONE: 6473267

AGENCY NOTIFIED: 9 - DEP
OTHER:
DEP BUREAU: BUREAU OF WASTE MANAGEMENT
DEP DIVISIPN: OIL AND CHEMICAL SPILL RESPONSE

AGENCY NOTIFIED: 3 - LOCAL FIRE MARSHAL
OTHER:
DEP BUREAU:
DEP DIVISIPN:

ACTION TAKEN: 17 - REMOVED TANK
OTHER:

EMERGENCY MEASURES: TO BE INVESTIGATED

RELEASE CLASS: 8 - COMMERCIAL

MEDIA AFFECTED: 4 - GROUND SURFACE

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 146	DIST/DIR: 0.23 NE	ELEVATION: 160	MAP ID: 75
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NAME: ADDRESS: 230 MIDDLE TPKE W MANCHESTER CT HARTFORD CONTACT: ALEXANDER, ED SOURCE: CT DEP	REV: 11/18/10 ID1: 9702272 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 5/8/1997
TIME OF RELEASE: 9:11:00 AM
ACTION: REMOVED TANK

DISCHARGER:

CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 9:11:00 AM
REPORTED BY: LYNN
REPORTER S PHONE: 6473267

MATERIAL RELEASED: 2 FUEL OIL OR GASOLINE
CAUSE OF INCIDENT: INGROUND TANK FAILURE

EMERGENCY MEASURES: TO BE INVESTIGATED

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 44 **DIST/DIR:** 0.24 NW **ELEVATION:** 156 **MAP ID:** 76

NAME: BAMBOO GARDENS ADDRESS: 50 OLIVER RD MANCHESTER CT 06040 HARTFORD CONTACT: BAMBOO GARDENS SOURCE: CT DEP	REV: 3/13/01 ID1: 924758 ID2: STATUS: CLOSED PHONE: 293 647 3173
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: 913 REPORT DATE: 09/21/92 ACTUAL TIME: 12 REPORTER: JOHN KOGGLECK SELF	REPORT TIME: 10
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WORK PHONE: 203 646 4308 HOME PHONE: POLE NUMBER: INCIDENT TYPE: PETROLEUM GALLONS: 3 POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	DISCHARGED: COOKING OIL YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 09/18/92 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: 100 ONGOING RELEASE: CONTAINED:
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ADDITIONAL INFORMATION:

WATERBODY: LIS: CATCH BASIN: AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: 3 RESPONSIBLE PARTY: BAMBOO GARDENS PLAZA WEST MANCHESTER CT 6040 PHONE: 293 647 3173 POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: SOIL REMOVED DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: Y OTHER AREA: TOTAL RECOVERED FROM WATER: ACCEPT RESPONSIBILITY: Y NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 44 **DIST/DIR:** 0.24 NW **ELEVATION:** 156 **MAP ID:** 76

NAME: BAMBOO GARDENS
ADDRESS: 50 OLIVER RD
MANCHESTER CT 06040
HARTFORD
CONTACT: BAMBOO GARDENS
SOURCE: CT DEP

REV: 3/13/01
ID1: 924758
ID2:
STATUS: CLOSED
PHONE: 293 647 3173

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS:

COMMERCIAL

CAUSE: DUMPING

CORRECTIVE ACTION TAKEN: SOIL REMOVAL

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: PORTER
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER: 913
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED: 09/21/92
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT: Y
COPY: 2

MISCELLANEOUS INFORMATION: CHINESE RESTAURANT DUMPED COOKING OIL REMOVED SOIL TO LANDFILL

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 104	DIST/DIR: 0.24 NW	ELEVATION: 105	MAP ID: 77
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NAME: ADDRESS: 436 MIDDLE TPKE E MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 200501330 ID2: STATUS: CLOSED PHONE:
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REPORT TIME: 3/7/2005 6:30:50 PM
REPORTED BY: MANCHESTER FIRE
REPORTER S PHONE: 5338625

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 1 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 51 **DIST/DIR:** 0.24 NW **ELEVATION:** 105 **MAP ID:** 77

NAME: F.D. ADDRESS: 436 MIDDLE TPKE E MANCHESTER CT HARTFORD CONTACT: NO RESPONSE SOURCE: CT DEP	REV: 11/18/10 ID1: 9701773 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

DATE OF RELEASE: 4/13/1997
TIME OF RELEASE: 3:15:00 PM
ACTION: CLEANED

DISCHARGER: F.D.
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

REPORT TIME: 3:29:00 PM
REPORTED BY: ROB DEPIETRO
REPORTER S PHONE: 6473262

MATERIAL RELEASED: OIL AND ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: SPEEDY DRY

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 58 **DIST/DIR:** 0.24 NE **ELEVATION:** 192 **MAP ID:** 78

NAME: MANCHESTER PARKS DEPT ADDRESS: LODGE DR MANCHESTER CT 06040 CONTACT: MANCHESTER PARKS DEPT SOURCE: CT DEP	REV: 3/13/01 ID1: 946115 ID2: STATUS: CLOSED PHONE:
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR REPORT DATE: 10/21/94 ACTUAL TIME: 29 REPORTER: DEPUTY CHIEF MARK SALAFIA FIRE DEPT	REPORT TIME: 14
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WORK PHONE: 203 647 3262 HOME PHONE: POLE NUMBER: INCIDENT TYPE: CHEMICAL GALLONS: 1 POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	DISCHARGED: ANTIFREEZE YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 10/21/94 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: ONGOING RELEASE: CONTAINED: Y
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ADDITIONAL INFORMATION: PARKS DEPT LOST ANTIFREEZE TO SANDY AREA

WATERBODY: LIS: CATCH BASIN: AIR: GROUND WATER: INSIDE BUILDING: TOTAL IN WATER: TOTAL RECOVERED: 1 RESPONSIBLE PARTY: MANCHESTER PARKS DEPT	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: Y OTHER AREA: TOTAL RECOVERED FROM WATER:
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PHONE: POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: SOIL REMOVED DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: Y NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 58 **DIST/DIR:** 0.24 NE **ELEVATION:** 192 **MAP ID:** 78

NAME: MANCHESTER PARKS DEPT
ADDRESS: LODGE DR
MANCHESTER CT 06040

REV: 3/13/01
ID1: 946115
ID2:
STATUS: CLOSED
PHONE:

CONTACT: MANCHESTER PARKS DEPT
SOURCE: CT DEP

PERMITTING NOTIFIED:
NOTIFIED SOLID WASTE RECOVERY:
NOTIFIED P-F:
NOTIFIED OPS:
NOTIFIED STATE AGENCIES:
NOTIFICATION TIME:
DISCHARGE CLASS: GOVERNMENTAL

NOTIFIED UST UNIT:
NOTIFIED ENVIRONMENTAL CONSERVATION:
NOTIFIED F-W:
NOTIFIED OTHER:
NOTIFICATION DATE:

CAUSE: CONTAINER FAILURE

CORRECTIVE ACTION TAKEN: CONTAINED/REMOVED

CONTRACTOR:
DID DEP HIRE CONT:
WHEN CONT REQUESTED:
ARRIVED:
RECEIVED BY: STAVOLA
ASSIGNED DATE:
NOT 911 EMERGENCY:
CT EMERGENCY SPILLFUND USED:
CASE NUMBER 2:
PIN:
INC CODE:
OTHER OWNER:
PROP NAME:

CONT NAME:
HIRE DATE:
SECOND REQUEST:
ARRIVED SECOND TIME:
BADGE NUMBER:
ASSIGNED TIME:
NOTIFICATION STATUS:
CASE NUMBER:
FED GOV PAID:
COST RECOVERY EXPENDITURE:
PROPERTY OWNER:

WAS POLLUTER A TRUCK:
OWNER OF TRUCK/TRAILER:
OPERATORS NAME:
VEHICLE MODEL:
TRAILER REGISTRATION:
DATE UPDATED:
QUAN FET:

WAS POLLUTER A TRAILER:
OWNERS NAME:
MAKE OF VEHICLE:
TRUCK REGISTRATION:
UPDATED WITH INSPECTORS REPORT:
COPY: W

MISCELLANEOUS INFORMATION:

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 80 **DIST/DIR:** 0.24 NW **ELEVATION:** 154 **MAP ID:** 79

NAME: PREFERRED ENERGY ADDRESS: 56 OLIVER RD MANCHESTER CT 06040 HARTFORD CONTACT: PREFERRED ENERGY SOURCE: CT DEP	REV: 3/13/01 ID1: 953393 ID2: STATUS: CLOSED PHONE: 203 528 8470
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SITE INFORMATION

INSPECTOR S BADGE NUMBER: NR REPORT DATE: 06/27/95 ACTUAL TIME: 45 REPORTER: DISP ZAKAC FIRE DEPT	REPORT TIME: 13
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WORK PHONE: 203 643 7373 HOME PHONE: POLE NUMBER: INCIDENT TYPE: PETROLEUM GALLONS: 5 POUNDS: DRUMS: CERCLA: EMERGENCY CLEANUP: TOTAL POUNDS:	DISCHARGED: 2 FUEL OIL YARDS: CON: FEDRAL: ACROSS PROPERTY LINES: REP QUAN:
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DESCRIPTION:

DATE: 06/27/95 CONTINUOUS SPILL: RELEASE TERMINATED: Y UNKNOWN:	DATE UNKNOWN: SPILL TIME: 1336 ONGOING RELEASE: CONTAINED: Y
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ADDITIONAL INFORMATION: OVERFILL - OIL CO DRAINED EXCESS

WATERBODY: LIS: CATCH BASIN: AIR: GROUND WATER: INSIDE BUILDING: Y TOTAL IN WATER: TOTAL RECOVERED: 5 RESPONSIBLE PARTY: PREFERRED ENERGY 1351 MAIN ST EAST HARTFORD CT	RIVER: TRIBUTARY: POND: SURFACE WATER: GROUND SURFACE: OTHER AREA: TOTAL RECOVERED FROM WATER:
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PHONE: 203 528 8470 POLLUTER UNKNOWN: CLEANUP ACTION TAKEN: SPEEDI DRI DUN BRAD: NOTIFIED COAST GAURD: NOTIFIED LOCAL FIRE DEPT: NOTIFIED ATTORNEY GENERAL: NOTIFIED STATE DOHS: NOTIFIED STATE AIR BUREAU: NOTIFIED WEED HAZ WASTE:	ACCEPT RESPONSIBILITY: Y NOTIFIED FEDERAL GOVERNMENT: NOTIFIED FIRE MARSHALL: NOTIFIED POLICE: NOTIFIED AQUACULTURE: NOTIFIED STATE WATER BUREAU: NOTIFIED STATE WASTE BUREAU: NOTIFIED WEED SOLID WASTE:
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Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 80 **DIST/DIR:** 0.24 NW **ELEVATION:** 154 **MAP ID:** 79

NAME: PREFERRED ENERGY ADDRESS: 56 OLIVER RD MANCHESTER CT 06040 HARTFORD CONTACT: PREFERRED ENERGY SOURCE: CT DEP	REV: 3/13/01 ID1: 953393 ID2: STATUS: CLOSED PHONE: 203 528 8470
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PERMITTING NOTIFIED: NOTIFIED SOLID WASTE RECOVERY: NOTIFIED P-F: NOTIFIED OPS: NOTIFIED STATE AGENCIES: NOTIFICATION TIME: DISCHARGE CLASS: COMMERCIAL	NOTIFIED UST UNIT: NOTIFIED ENVIRONMENTAL CONSERVATION: NOTIFIED F-W: NOTIFIED OTHER: NOTIFICATION DATE:
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CAUSE: OVERFILL

CORRECTIVE ACTION TAKEN: CONTAINED/REMOVED

CONTRACTOR: DID DEP HIRE CONT: WHEN CONT REQUESTED: ARRIVED: RECEIVED BY: STAVOLA ASSIGNED DATE: NOT 911 EMERGENCY: CT EMERGENCY SPILLFUND USED: CASE NUMBER 2: PIN: INC CODE: OTHER OWNER: PROP NAME:	CONT NAME: HIRE DATE: SECOND REQUEST: ARRIVED SECOND TIME: BADGE NUMBER: ASSIGNED TIME: NOTIFICATION STATUS: CASE NUMBER: FED GOV PAID: COST RECOVERY EXPENDITURE: PROPERTY OWNER:
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WAS POLLUTER A TRUCK: OWNER OF TRUCK/TRAILER: OPERATORS NAME: VEHICLE MODEL: TRAILER REGISTRATION: DATE UPDATED: QUAN FET:	WAS POLLUTER A TRAILER: OWNERS NAME: MAKE OF VEHICLE: TRUCK REGISTRATION: UPDATED WITH INSPECTORS REPORT: COPY: W
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MISCELLANEOUS INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 81 **DIST/DIR:** 0.24 SE **ELEVATION:** 180 **MAP ID:** 80

NAME: PRIVATE VEHICLE
ADDRESS: 12 GRISWOLD ST
MANCHESTER CT

REV: 11/18/10
ID1: 9904792
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 7/21/1999
TIME OF RELEASE: 1:48:00 PM
ACTION: DISPERSED

DISCHARGER: PRIVATE VEHICLE
MANCHESTER CT 06040

DISCHARGER S PHONE: 0000000
ACCEPTS RESPONSIBILITY:

REPORT TIME: 7/21/1999 2:07:17 PM
REPORTED BY: DISP. EASTON
REPORTER S PHONE: 6437373

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

CAUSE OF INCIDENT: FIRE

EMERGENCY MEASURES: FLUSHED .

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

RCRAGN

SEARCH ID: 10 **DIST/DIR:** 0.25 NE **ELEVATION:** 158 **MAP ID:** 81

NAME: TEXACO SERVICE STATION 100042
ADDRESS: 207 MIDDLE TPKE
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: EPA

REV: 7/14/10
ID1: CTD983874116
ID2:
STATUS: SGN
PHONE:

SITE INFORMATION

UNIVERSE INFORMATION:

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: N - NO
GPRA POST CLOSURE: N - NO
GPRA CA: N - NO

GOVERNMENT PERFORMANCE AND RESULTS ACT (GPRA)

GPRA PERMIT: N - NO
GPRA POST CLOSURE: N - NO
GPRA CA: N - NO
GPRA COMPLIANCE MONITORING and ENFORCEMENT: N - NO

SUBJECT TO CORRECTIVE ACTION (SUBJCA)

SUBJCA: N - NO
SUBJCA TSD 3004: N - NO
SUBJCA NON TSD: N - NO

SIGNIFICANT NON-COMPLIANCE(SNC): N - NO
BEGINNING OF THE YEAR SNC: N - NO

PERMIT WORKLOAD: ----

CLOSURE WORKLOAD: ----

POST CLOSURE WORKLOAD: ----

PERMITTING /CLOSURE/POST-CLOSURE PROGRESS: ----

CORRECTIVE ACTION WORKLOAD: N - NO

GENERATOR STATUS: SQG - SMALL QUANTITY GENERATOR: GENERATES 100 - 1000
KG/MONTH OF HAZARDOUS WASTE

NAIC INFORMATION

44711 - GASOLINE STATIONS WITH CONVENIENCE STORES

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

HAZARDOUS WASTE INFORMATION:

Ignitable waste
Carbon tetrachloride
D000

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 70 **DIST/DIR:** 0.25 SE **ELEVATION:** 154 **MAP ID:** 82

NAME: MVA
ADDRESS: 472 CENTER ST
MANCHESTER CT

REV: 11/18/10
ID1: 200501288
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 3/4/2005
TIME OF RELEASE:
ACTION: SANDED

DISCHARGER: MVA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

SITE INFORMATION

DATE OF RELEASE: 3/4/2005
TIME OF RELEASE:
ACTION: CONTAINED

DISCHARGER: MVA
CT

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: NO

REPORT TIME: 3/4/2005 3:34:55 PM
REPORTED BY: DISPATCHER 4
REPORTER S PHONE: 5338625

MATERIAL RELEASED: ANTIFREEZE
QUANTITY SPILLED: 2 GAL

CAUSE OF INCIDENT: MV ACCIDENT

EMERGENCY MEASURES: REPORTED MVA - RELEASE CONTAINED TO PAVEMENT - SANDED BY FIRE DEPARTMENT

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

SPILLS

SEARCH ID: 90	DIST/DIR: 0.25 SW	ELEVATION: 144	MAP ID: 83
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NAME: SHALLER AUTO
ADDRESS: 506 CENTER ST
MANCHESTER CT
HARTFORD
CONTACT: 938
SOURCE: CT DEP

REV: 11/18/10
ID1: 200805917
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 9/16/2008
TIME OF RELEASE:
ACTION: OTHER

DISCHARGER: SHALLER AUTO
345 CENTER STREET
MANCHESTER CT 06040

DISCHARGER S PHONE: 6477077
ACCEPTS RESPONSIBILITY:

REPORT TIME: 9/16/2008 8:37:18 PM
REPORTED BY: FD
REPORTER S PHONE: 5338625

MATERIAL RELEASED: UNKNOWN SUBSTANCE
QUANTITY SPILLED: 3 YARDS

CAUSE OF INCIDENT: DUMPING

EMERGENCY MEASURES: TAR LIKE SUBSTANCE.

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 40 **DIST/DIR:** 0.28 SE **ELEVATION:** 175 **MAP ID:** 84

NAME: SCHALLER ACURA, INC.
ADDRESS: 345 CENTER ST
MANCHESTER CT

REV: 4/23/10
ID1: 4432
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

COMMENTS:

INFORMATION

ESTABLISHMENT: SCHALLER ACURA, INC.
SELLER: MICHAEL B. LYNCH
BUYER: RONALD SCHALLER ET AL

FORM: FORM I **RECEIVED:** 12/30/1986
ACKNOWLEDGED: 3/30/1987 **RETURNED:**
CERTIFIED: **REVISED:**
ECAF RECEIVED: **ECAF REVIEWED:**

STATUS:

STAFF: PEASE, R.

CERTIFIER: ,

FIRST PAYMENT: \$ **SECOND PAYMENT:** \$

COMMENTS:

REFERRAL INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 40	DIST/DIR: 0.28 SE	ELEVATION: 175	MAP ID: 84
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NAME: SCHALLER ACURA, INC.
ADDRESS: 345 CENTER ST
MANCHESTER CT

REV: 4/23/10
ID1: 4432
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SOURCE:	PTP - PROPERTY TRANSFER PROGRAM
RECEIVED:	12/30/1986
STAFF:	PEASE, R.
PROGRAM:	PTP - PROPERTY TRANSFER PROGRAM
ASSIGNED:	
COMPLETED:	12/30/1986
OUTCOME:	PTP

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 207	DIST/DIR: 0.29 SE	ELEVATION: 174	MAP ID: 85
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NAME: BOB BOLAND
ADDRESS: 369 CENTER ST
MANCHESTER CT 06040
CONTACT: STAVOLA, ROSANNE
SOURCE: CT DEP

REV: 11/30/10
ID1: 9703689
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 7/11/1997
TIME OF RELEASE:

DISCHARGER: BOB BOLAND
369 CENTER ST
MANCHESTER CT 06040

DISCHARGER S PHONE: 860 6465577
ACCEPTS RESPONSIBILITY: YES

MATERIAL RELEASED (GAL): WASTE OIL 0

CAUSE OF INCIDENT: 3 - INGROUND TANK FAILURE
OTHER:

REPORT TIME: 11:10:00 AM
REPORTED BY: JOE CALLAHAN
REPORTER S PHONE: 6473052

ACTION TAKEN: 17 - REMOVED TANK
OTHER:

EMERGENCY MEASURES: SOIL REMOVAL

MEDIA AFFECTED: 6 - OTHER

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 218	DIST/DIR: 0.29 SE	ELEVATION: 181	MAP ID: 86
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NAME: MORIARTY BROS.
ADDRESS: 301 CENTER ST
MANCHESTER CT 06040

REV:
ID1: 1291-1295
ID2:
STATUS: NO
PHONE:

CONTACT:
SOURCE: CT DEP

REPORT DATE: 11-04-89
MATERIAL: STEEL
LOW CAPACITY: 5000
PRODUCT: GAS/HF2

FED REG: YES
NUMBER OF TANKS: 5
HIGH CAPACITY: 10000

TANK REMOVED: YES
TANK RELEASE:

UNCONTROLLED RELEASE: YES
PIPING RELEASE: YES

EMERGENCY: YES
OVERFILL RELEASE:

REMEDICATION: SOIL REMOVAL
REFERRED:
COMMENT:

COMPLETE: NO

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 219	DIST/DIR: 0.29 SE	ELEVATION: 181	MAP ID: 86
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NAME: MORIARTY BROS.
ADDRESS: 301 CENTER ST
MANCHESTER CT 06040

REV: 7/18/06
ID1: 28402
ID2: 376
STATUS: INVESTIGATION
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

INCIDENT DATE: 11/4/1989
SPILL CASE ID:
SITS CASE ID:
UST SITE ID:

MATERIAL:

MOTOR FUEL:	0
DIESEL:	0
GASOLINE:	0
OTHER	0

CAUSE

LEAK	0
TANK:	0
PIPING:	0
OVERFILL	0
REMOVAL:	0

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 34 **DIST/DIR:** 0.30 SE **ELEVATION:** 188 **MAP ID:** 87

NAME: MORANDE BROS. INC.
ADDRESS: 293 CENTER ST
MANCHESTER CT

REV: 4/23/10
ID1: 4426
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS: 293-315 CENTER/410 BROAD ST

SITE NAMES

MORANDE LINCOLN MERCURY MAZDA

COMMENTS: 293-315 CENTER/410 BROAD ST

INFORMATION

ESTABLISHMENT: MORANDE LINCOLN MERCURY MAZDA
SELLER: R and W ASSOCIATES
BUYER: ADRIAN REALTY TRUST

FORM: FORM III **RECEIVED:** 12/20/1994
ACKNOWLEDGED: 5/23/1995 **RETURNED:** 2/23/1995
CERTIFIED: **REVISED:** 5/23/1995
ECAF RECEIVED: **ECAF REVIEWED:**

STATUS: R

STAFF:

CERTIFIER: ADRIAN REALTY TRUST, TRANSFEREE

FIRST PAYMENT: \$2000 **SECOND PAYMENT:** \$

COMMENTS:

INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 34 **DIST/DIR:** 0.30 SE **ELEVATION:** 188 **MAP ID:** 87

NAME: MORANDE BROS. INC.
ADDRESS: 293 CENTER ST
MANCHESTER CT

REV: 4/23/10
ID1: 4426
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

ESTABLISHMENT: MORANDE BROS. INC.
SELLER: MORIARITY BROTHERS INC.
BUYER: R and W ASSOCIATES

FORM:	FORM III	RECEIVED:	7/13/1990
ACKNOWLEDGED:		RETURNED:	10/3/1991
CERTIFIED:		REVISED:	8/19/1991
ECAF RECEIVED:		ECAF REVIEWED:	

STATUS: N

STAFF: HAMEL, M.

CERTIFIER: R and W ASSOCIATES, TRANSFEREE

FIRST PAYMENT: \$4500 **SECOND PAYMENT:** \$

COMMENTS: FORM RET. 3 TIMES INC.

REFERRAL INFORMATION

REFERRAL INFORMATION

SOURCE: PTP - PROPERTY TRANSFER PROGRAM
RECEIVED: 12/20/1994
STAFF:
PROGRAM: PTP - PROPERTY TRANSFER PROGRAM
ASSIGNED:
COMPLETED: 12/20/1994
OUTCOME: PTP

SOURCE: PTP - PROPERTY TRANSFER PROGRAM
RECEIVED: 7/13/1990
STAFF: HAMEL, M.
PROGRAM: PTP - PROPERTY TRANSFER PROGRAM
ASSIGNED:
COMPLETED: 7/13/1990
OUTCOME: PTP

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 216	DIST/DIR: 0.30 SE	ELEVATION: 173	MAP ID: 88
-----------------------	--------------------------	-----------------------	-------------------

NAME: KAULL GARAGE
ADDRESS: 342 CENTER ST
MANCHESTER CT 06040

REV:
ID1: 4431
ID2:
STATUS: YES
PHONE:

CONTACT:
SOURCE: CT DEP

REPORT DATE: 03-07-95
MATERIAL: UNK
LOW CAPACITY: UNK
PRODUCT: GAS

FED REG: YES
NUMBER OF TANKS: 1
HIGH CAPACITY: UNK

TANK REMOVED:
TANK RELEASE:

UNCONTROLLED RELEASE:
PIPING RELEASE:

EMERGENCY:
OVERFILL RELEASE: YES

REMEDATION: 8-10 YDS SOIL REMOVED
REFERRED:
COMMENT:

COMPLETE: YES

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 17 **DIST/DIR:** 0.32 SW **ELEVATION:** 159 **MAP ID:** 89

NAME: A. MICHAEL LUSSIER
ADDRESS: 568 CENTER ST
MANCHESTER CT

REV: 4/23/10
ID1: 4404
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

K MART CENTER

COMMENTS:

INFORMATION

ESTABLISHMENT: A. MICHAEL LUSSIER
SELLER: PATRICIA C. COOK
BUYER: A. MICHAEL LUSSIER

FORM: FORM I **RECEIVED:** 1/17/1995
ACKNOWLEDGED: **RETURNED:** 3/8/1995
CERTIFIED: 3/20/1996 **REVISED:**
ECAF RECEIVED: **ECAF REVIEWED:**

STATUS:

STAFF:

CERTIFIER:

FIRST PAYMENT: \$200 **SECOND PAYMENT:** \$

COMMENTS:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 17 **DIST/DIR:** 0.32 SW **ELEVATION:** 159 **MAP ID:** 89

NAME: A. MICHAEL LUSSIER
ADDRESS: 568 CENTER ST
MANCHESTER CT

REV: 4/23/10
ID1: 4404
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

REFERRAL INFORMATION

SOURCE: PTP - PROPERTY TRANSFER PROGRAM
RECEIVED: 1/17/1995
STAFF:
PROGRAM: PTP - PROPERTY TRANSFER PROGRAM
ASSIGNED:
COMPLETED: 1/17/1995
OUTCOME: PTP

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 28 **DIST/DIR:** 0.33 SE **ELEVATION:** 195 **MAP ID:** 90

NAME: J and M GRINDING, INC.
ADDRESS: 266 CENTER ST
MANCHESTER CT

REV: 4/23/10
ID1: 4420
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

COMMENTS:

INFORMATION

ESTABLISHMENT: J and M GRINDING, INC.
SELLER: DONALD L. BENOIT ET AL
BUYER: S. MARK STEPHENS

FORM:	FORM I	RECEIVED:	6/28/1989
ACKNOWLEDGED:	8/16/1989	RETURNED:	6/21/1989
CERTIFIED:		REVISED:	
ECAF RECEIVED:		ECAF REVIEWED:	

STATUS:

STAFF:

CERTIFIER: ,

FIRST PAYMENT: \$ **SECOND PAYMENT:** \$

COMMENTS:

REFERRAL INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 28	DIST/DIR: 0.33 SE	ELEVATION: 195	MAP ID: 90
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NAME: J and M GRINDING, INC.
ADDRESS: 266 CENTER ST
MANCHESTER CT

REV: 4/23/10
ID1: 4420
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SOURCE:	PTP - PROPERTY TRANSFER PROGRAM
RECEIVED:	6/28/1989
STAFF:	
PROGRAM:	PTP - PROPERTY TRANSFER PROGRAM
ASSIGNED:	
COMPLETED:	6/28/1989
OUTCOME:	PTP

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 208	DIST/DIR: 0.35 NW	ELEVATION: 120	MAP ID: 91
-----------------------	--------------------------	-----------------------	-------------------

NAME: BROOKHAVEN CONDOMINIUMS
ADDRESS: 466 MIDDLE TPKE W
MANCHESTER CT 06040
HARTFORD
CONTACT: NO RESPONSE
SOURCE: CT DEP

REV: 11/30/10
ID1: 200208507
ID2:
STATUS: CLOSED
PHONE:

SITE INFORMATION

DATE OF RELEASE: 12/5/2002
TIME OF RELEASE:

DISCHARGER: BROOKHAVEN CONDOMINIUMS
606 farmingtn ave
HARTFORD CT 06103

DISCHARGER S PHONE:
ACCEPTS RESPONSIBILITY: YES

MATERIAL RELEASED (GAL): 2 FUEL OIL 0

CAUSE OF INCIDENT: 3 - INGROUND TANK FAILURE
OTHER:

REPORT TIME: 12/5/2002 8:53:16 AM
REPORTED BY: LINDA BOUSARD
REPORTER S PHONE: 6463348

AGENCY NOTIFIED: 3 - LOCAL FIRE MARSHAL
OTHER:
DEP BUREAU:
DEP DIVISIPN:

ACTION TAKEN: 17 - REMOVED TANK
OTHER:

ACTION TAKEN: 18 - SOIL REMOVED
OTHER:

EMERGENCY MEASURES: 3K UST REMOVED, SOIL REMOVED

RELEASE CLASS: 8 - COMMERCIAL

MEDIA AFFECTED: 6 - OTHER

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 217 **DIST/DIR:** 0.41 NE **ELEVATION:** 226 **MAP ID:** 92

NAME: LINDA BUTTERO/ CONTACT PERSON FOR R.P
ADDRESS: 115 RUSSELL ST
MANCHESTER CT 06040

REV: 11/30/10
ID1: 200605918
ID2:
STATUS: CLOSED
PHONE:

CONTACT: NO RESPONSE
SOURCE: CT DEP

SITE INFORMATION

DATE OF RELEASE: 9/18/2006
TIME OF RELEASE:

DISCHARGER: LINDA BUTTERO/ CONTACT PERSON FOR R.P
CT

DISCHARGER S PHONE: 860 5332917
ACCEPTS RESPONSIBILITY: YES

MATERIAL RELEASED (GAL): 2 FUEL OIL 0

CAUSE OF INCIDENT: 3 - INGROUND TANK FAILURE
OTHER:

REPORT TIME: 9/18/2006 10:45:06 AM
REPORTED BY: CHIEF TALBOT
REPORTER S PHONE: 2815613

AGENCY NOTIFIED: 14 - LOCAL FIRE DEPARTMENT
OTHER:
DEP BUREAU:
DEP DIVISIPN:

ACTION TAKEN: 18 - SOIL REMOVED
OTHER:

ACTION TAKEN: 15 - REPAIRED TANK
OTHER:

ACTION TAKEN: 4 - CONTRACTED
OTHER:

EMERGENCY MEASURES: TANK AND SOIL REMOVAL

RELEASE CLASS: 6 - PRIVATE

MEDIA AFFECTED: 6 - OTHER

WATERBODY AFFECTED: 9 - OTHER

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 211	DIST/DIR: 0.48 SW	ELEVATION: 168	MAP ID: 93
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NAME: DAIRY MART ADDRESS: 653 CENTER ST MANCHESTER CT 06040 HARTFORD CONTACT: SOURCE: CT DEP	REV: 7/18/06 ID1: 31677 ID2: 3651 STATUS: LUST COMPLETED (PROGRAM NO LON PHONE:
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SITE INFORMATION

INCIDENT DATE:	8/30/1990
SPILL CASE ID:	
SITS CASE ID:	
UST SITE ID:	102

MATERIAL:

MOTOR FUEL:	-1
DIESEL:	0
GASOLINE:	-1
OTHER	0

CAUSE

LEAK	0
TANK:	0
PIPING:	0
OVERFILL	0
REMOVAL:	0

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 213	DIST/DIR: 0.48 SW	ELEVATION: 168	MAP ID: 93
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NAME: GULF STATION
ADDRESS: CENTER ST
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 7/18/06
ID1: 29674
ID2: 1565
STATUS: PENDING
PHONE:

SITE INFORMATION

INCIDENT DATE: 6/2/1989
SPILL CASE ID:
SITS CASE ID:
UST SITE ID:

MATERIAL:

MOTOR FUEL:	-1
DIESEL:	0
GASOLINE:	-1
OTHER	0

CAUSE

LEAK	0
TANK:	0
PIPING:	0
OVERFILL	0
REMOVAL:	0

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

LUST

SEARCH ID: 212	DIST/DIR: 0.48 SW	ELEVATION: 168	MAP ID: 93
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NAME: GULF STATION
ADDRESS: CENTER ST
MANCHESTER CT 06040
HARTFORD
CONTACT:
SOURCE: CT DEP

REV:
ID1: 1281-1283
ID2:
STATUS: NO
PHONE:

REPORT DATE: 06-02-89
MATERIAL: STEEL
LOW CAPACITY: 4000
PRODUCT: GAS

FED REG: YES
NUMBER OF TANKS: 3
HIGH CAPACITY: 4000

TANK REMOVED: YES
TANK RELEASE:

UNCONTROLLED RELEASE:
PIPING RELEASE:

EMERGENCY:
OVERFILL RELEASE:

REMEDICATION:
REFERRED:
COMMENT:

COMPLETE: NO

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 29 **DIST/DIR:** 0.55 SE **ELEVATION:** 265 **MAP ID:** 94

NAME: LEON PROPERTY
ADDRESS: 75 CENTER ST
MANCHESTER CT

REV: 4/23/10
ID1: 2768
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1: HYDRO/OIL - HYDROCARBONS AND/OR FUEL OIL
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD: UST

SAMPLE AVAILABLE: NO

LOCATION METHOD:

OTHER DEP: SPILLS

UPDATED BY: ZIMMERMAN, D.

UPDATED PROGRAM: DandA

UPDATED: 4/4/1996

SW CLASSIFICATION:

GW CLASSIFICATION:

COMMENTS: SPILLS NOTIFIED THAT A 2 FUEL OIL TANK LEAKED. TANK AND CONTAMINATED SOIL
REMOVED. (4/96)

SITE NAMES

COMMENTS:

REFERRAL INFORMATION

SOURCE: SPILLS

RECEIVED: 10/26/1995

STAFF:

PROGRAM:

ASSIGNED:

COMPLETED: 4/4/1996

OUTCOME: ON RECORD

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 20 **DIST/DIR:** 0.65 SE **ELEVATION:** 261 **MAP ID:** 95

NAME: BALF COMPANY
ADDRESS: 587 N MAIN ST
MANCHESTER CT

REV: 4/23/10
ID1: 4406
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

COMMENTS:

INFORMATION

ESTABLISHMENT: BALF COMPANY
SELLER: BLANCHE SAVIN GOLODENBERG
BUYER: OLDCASTLE NORTHEAST, INC.

FORM: FORM I **RECEIVED:** 7/20/1994
ACKNOWLEDGED: 9/20/1994 **RETURNED:**
CERTIFIED: **REVISED:**
ECAF RECEIVED: **ECAF REVIEWED:**

STATUS:

STAFF:

CERTIFIER: ,

FIRST PAYMENT: \$200 **SECOND PAYMENT:** \$

COMMENTS:

REFERRAL INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 20	DIST/DIR: 0.65 SE	ELEVATION: 261	MAP ID: 95
----------------------	--------------------------	-----------------------	-------------------

NAME: BALF COMPANY
ADDRESS: 587 N MAIN ST
MANCHESTER CT

REV: 4/23/10
ID1: 4406
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SOURCE:	PTP - PROPERTY TRANSFER PROGRAM
RECEIVED:	7/20/1994
STAFF:	
PROGRAM:	PTP - PROPERTY TRANSFER PROGRAM
ASSIGNED:	
COMPLETED:	7/20/1994
OUTCOME:	PTP

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 27 **DIST/DIR:** 0.67 NW **ELEVATION:** 98 **MAP ID:** 96

NAME: INDUSTRIAL GRAPHIC CO.
ADDRESS: 338 ADAMS ST
MANCHESTER CT
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 873
ID2:
STATUS: SUSPECTED
PHONE:

SITE INFORMATION

WASTE TYPE1: SOLVENTS
WASTE TYPE2: SLUDGES
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

COMMENTS:

REFERRAL INFORMATION

SOURCE: ISWS - INDUSTRIAL SOLID WASTE SURVEY
RECEIVED: 5/18/1990
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED:
OUTCOME:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 35 **DIST/DIR:** 0.69 SE **ELEVATION:** 249 **MAP ID:** 97

NAME: PEARL APPLIANCES
ADDRESS: 649 MAIN ST
MANCHESTER CT

REV: 4/23/10
ID1: 2604
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1: HYDRO/OIL - HYDROCARBONS AND/OR FUEL OIL
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD: UST

SAMPLE AVAILABLE: NO

LOCATION METHOD:

OTHER DEP: SPILLS

UPDATED BY: DORAN, E.

UPDATED PROGRAM: CORE

UPDATED: 9/26/1995

SW CLASSIFICATION:

GW CLASSIFICATION:

COMMENTS: SPILLS RESPONDED TO REMOVAL OF 1K HO TANK 7/25/95. 2 SAMPLES TAKEN AFTER GRAVE BACKFILLED SHOWED TPH OF 3 PPM AND 2,004 PPM. (9/95)

SITE NAMES

COMMENTS:

REFERRAL INFORMATION

SOURCE: SPILLS
RECEIVED: 8/24/1995
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED:
OUTCOME:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 22 **DIST/DIR:** 0.70 SE **ELEVATION:** 200 **MAP ID:** 98

NAME: CHENEY BROS.
ADDRESS: 182 PINE ST
MANCHESTER CT

REV: 4/23/10
ID1: 727
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

CLOCK TOWER MILL ASSOCIATES
CLOCK TOWER MILL ASSOCIATES

COMMENTS:

INFORMATION

ESTABLISHMENT: CLOCK TOWER MILL ASSOCIATES
SELLER: CLOCK TOWER MILL ASSOC.
BUYER: VELVET MILL LTD PTNRSH

FORM: FORM III **RECEIVED:** 5/19/1986
ACKNOWLEDGED: 12/1/1986 **RETURNED:**
CERTIFIED: **REVISED:**
ECAF RECEIVED: **ECAF REVIEWED:**

STATUS: NB

STAFF: SULLIVAN/FEATHERS

CERTIFIER: ,

FIRST PAYMENT: \$900 **SECOND PAYMENT:** \$

COMMENTS:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 22	DIST/DIR: 0.70 SE	ELEVATION: 200	MAP ID: 98
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NAME: CHENEY BROS.
ADDRESS: 182 PINE ST
MANCHESTER CT

REV: 4/23/10
ID1: 727
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

REFERRAL INFORMATION

SOURCE:	PTP - PROPERTY TRANSFER PROGRAM
RECEIVED:	1/1/1988
STAFF:	
PROGRAM:	
ASSIGNED:	
COMPLETED:	
OUTCOME:	

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 23 **DIST/DIR:** 0.71 SE **ELEVATION:** 241 **MAP ID:** 99

NAME: CHRISTY S MARKET
ADDRESS: 706 MAIN ST
MANCHESTER CT

REV: 4/23/10
ID1: 2093
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1: HYDRO/OIL - HYDROCARBONS AND/OR FUEL OIL
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY: POST, M.
UPDATED PROGRAM: CORE
UPDATED: 1/31/1995
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS: 24 PRODUCT IN SITE MONITORING WELL

SITE NAMES

COMMENTS:

REFERRAL INFORMATION

REFERRAL INFORMATION

SOURCE: SPILLS
RECEIVED: 7/22/1994
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED:
OUTCOME:

SOURCE: SPILLS
RECEIVED: 2/1/1995
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED:
OUTCOME:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 42 **DIST/DIR:** 0.71 SE **ELEVATION:** 276 **MAP ID:** 100

NAME: SNET
ADDRESS: 52 E CENTER ST
MANCHESTER CT

REV: 4/23/10
ID1: 4435
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

SOUTHERN NEW ENGLAND TELEPHONE CO.
SOUTHERN NEW ENGLAND TELEPHONE CO.

COMMENTS:

INFORMATION

ESTABLISHMENT: SNET
SELLER: SNET
BUYER: SBC COMMUNICATIONS INC.

FORM: FORM I **RECEIVED:** 11/4/1998
ACKNOWLEDGED: 6/18/1999 **RETURNED:**
CERTIFIED: **REVISED:**
ECAF RECEIVED: **ECAF REVIEWED:**

STATUS:

STAFF:

CERTIFIER: SNET, TRANSFEROR
DONALD SHASSIAN

FIRST PAYMENT: \$200 **SECOND PAYMENT:** \$

COMMENTS:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 42	DIST/DIR: 0.71 SE	ELEVATION: 276	MAP ID: 100
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NAME: SNET
ADDRESS: 52 E CENTER ST
MANCHESTER CT

REV: 4/23/10
ID1: 4435
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

REFERRAL INFORMATION

SOURCE: RECEIVED: STAFF: PROGRAM: ASSIGNED: COMPLETED: OUTCOME:	PTP - PROPERTY TRANSFER PROGRAM 11/4/1998 PTP - PROPERTY TRANSFER PROGRAM 11/4/1998 PTP
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***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 19 **DIST/DIR:** 0.73 SE **ELEVATION:** 230 **MAP ID:** 101

NAME: ANDERSON S GULF
ADDRESS: 770 MAIN ST
MANCHESTER CT

REV: 4/23/10
ID1: 2775
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1: HYDRO/OIL - HYDROCARBONS AND/OR FUEL OIL
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD: UST

SAMPLE AVAILABLE: NO
LOCATION METHOD: UNK
OTHER DEP: TANKS - DEP WASTE BUREAU - UNDERGROUND STORAGE TANKS PROGRAM
UPDATED BY: DAVIDSON, N.
UPDATED PROGRAM: PWP - DEP WATER BUREAU - POTABLE WATER PROGRAM
UPDATED: 4/9/1996
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS: STATEMENT OF ENVIRONMENTAL CLOSURE RC D BY PWP ON 4/9/96. THREE 6K GASOLINE
UST S AND TWO 550 GALLON UST S REMOVED IN 11/88. MW INSTALLED. RESULTS ON FILE. (4/96)

SITE NAMES

CIRCLE K 84656
CIRCLE K 84656

COMMENTS:

REFERRAL INFORMATION

SOURCE: COMPLAINT - RECEIVED FROM OR SUBMITTED BY AN OUTSIDE PARTY
RECEIVED: 4/9/1996
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED:
OUTCOME:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 30 **DIST/DIR:** 0.76 NW **ELEVATION:** 99 **MAP ID:** 102

NAME: MAL TOOL ADDRESS: 273 ADAMS ST MANCHESTER CT HARTFORD CONTACT: SOURCE: CT DEP	REV: 4/23/10 ID1: 4422 ID2: STATUS: SUSPECTED PHONE:
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SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

R.T. COACHWORKS (STOCK)
R.T. COACHWORKS (LEASE)
COLLINS and AIKMAN GROUP INC.

COMMENTS:

INFORMATION

ESTABLISHMENT:	MAL TOOL/COLLINS and AIKMAN GROUP INC.
SELLER:	COLLINS and AIKMAN GROUP
BUYER:	SEMATECH ACQUISITION INC

FORM:	FORM I	RECEIVED:	3/31/1993
ACKNOWLEDGED:		RETURNED:	8/16/1993
CERTIFIED:	3/25/1994	REVISED:	
ECAF RECEIVED:		ECAF REVIEWED:	

STATUS:

STAFF:

CERTIFIER:

FIRST PAYMENT:	\$200	SECOND PAYMENT:	\$
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COMMENTS:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 30	DIST/DIR: 0.76 NW	ELEVATION: 99	MAP ID: 102
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NAME: MAL TOOL ADDRESS: 273 ADAMS ST MANCHESTER CT HARTFORD CONTACT: SOURCE: CT DEP	REV: 4/23/10 ID1: 4422 ID2: STATUS: SUSPECTED PHONE:
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REFERRAL INFORMATION

SOURCE:	PTP - PROPERTY TRANSFER PROGRAM
RECEIVED:	3/31/1993
STAFF:	
PROGRAM:	PTP - PROPERTY TRANSFER PROGRAM
ASSIGNED:	
COMPLETED:	3/31/1993
OUTCOME:	PTP

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 36 **DIST/DIR:** 0.79 SE **ELEVATION:** 200 **MAP ID:** 103

NAME: PRATT and WHITNEY AIRCRAFT
ADDRESS: 15 HALE CT
MANCHESTER CT

REV: 4/23/10
ID1: 1327
ID2: CTD000844324
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1: CHLR VOC - CHLORINATED VOLATILE ORGANIC COMPOUNDS
WASTE TYPE2: NCHLR VOC - NON CHLORINATED VOLATILE ORGANIC COMPOUNDS
WASTE TYPE3: ACID/BASE

DISPOSAL METHOD: DRUMS

SAMPLE AVAILABLE: NO

LOCATION METHOD:
OTHER DEP: RCRA - DEP WASTE BUREAU - WASTE ENGINEERING and ENFORCEMENT DIVISION
UPDATED BY: TATARTIS, S.
UPDATED PROGRAM: FPPE
UPDATED: 7/14/1992
SW CLASSIFICATION: A
GW CLASSIFICATION: GB - HIGH YIELD - N.P.P.

COMMENTS: FACILITY CEASED OPERATIONS IN MAY 1988; CLOSURE ACTIVITIES WERE CONDUCTED IN
ACCORDANCE WITH CLOSURE PLAN.

SITE NAMES

COMMENTS:

FEDERAL INFORMATION

ON CERCLIS:	YES	EPI SITE:	YES
ARCHIVE:	NO	ARCHIVE DATE:	
EPA REMOVAL:	NO	DEFERRED:	NO
ON NPL:	NO	PART NPL:	NO
RCRA STAT:	TSDF	RCRA PERMIT:	
FED FAC:	NO		

REFERRAL INFORMATION

SOURCE: CERCLIS - US EPA CERCLIS
RECEIVED: 7/14/1992
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED:
OUTCOME:

ASSESS INFORMATION

TYPE:	PA	STAFF:	EPA
PROGRAM:	FPPE	ASSIGNED:	
DRAFT:	6/1/1992	REVIEWER:	TATARTIS, S.
REVIEWED:	7/13/1992	FINAL:	8/24/1992

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 36	DIST/DIR: 0.79 SE	ELEVATION: 200	MAP ID: 103
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NAME: PRATT and WHITNEY AIRCRAFT
ADDRESS: 15 HALE CT
MANCHESTER CT

REV: 4/23/10
ID1: 1327
ID2: CTD000844324
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

NFA: NO

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

RCRACOR

SEARCH ID: 2 **DIST/DIR:** 0.79 SE **ELEVATION:** 200 **MAP ID:** 103

NAME: PRATT and WHITNEY ENGINE DIV
ADDRESS: PINE ST
MANCHESTER CT 06040

REV: 11/10/10
ID1: CTD000844324
ID2:
STATUS: CA
PHONE:

CONTACT:
SOURCE: EPA

SITE INFORMATION

CONTACT INFORMATION: J GUIDONE
400 MAIN ST MS 121 02
EAST HARTFORD CT 06108

PHONE: 2035654887

CONTACT INFORMATION: J-A BARLOCK
400 MAIN ST MS 121 02
EAST HARTFORD CT 06108

PHONE: 2035654887

UNIVERSE INFORMATION:

NAIC INFORMATION

336412 - AIRCRAFT ENGINE AND ENGINE PARTS MANUFACTURING

ENFORCEMENT INFORMATION:

AGENCY: S - STATE **DATE:** 3/31/1988
TYPE: 120 - WRITTEN INFORMAL

AGENCY: S - STATE **DATE:** 3/31/1988
TYPE: 120 - WRITTEN INFORMAL

VIOLATION INFORMATION:

VIOLATION NUMBER: 0001 **RESPONSIBLE:** S - STATE
DETERMINED: 1/27/1988 **DETERMINED BY:** S - STATE
CITATION:
RESOLVED: 9/11/1992
TYPE: TSD-OTHER REQUIREMENTS (OVERSIGHT)

VIOLATION NUMBER: 0002 **RESPONSIBLE:** S - STATE
DETERMINED: 1/27/1988 **DETERMINED BY:** S - STATE
CITATION:
RESOLVED: 7/22/1988
TYPE: TSD-CLOSURE/POST-CLOSURE REQUIREMENTS

VIOLATION NUMBER: 0003 **RESPONSIBLE:** S - STATE
DETERMINED: 1/27/1988 **DETERMINED BY:** S - STATE
CITATION:

- Continued on next page -

Environmental FirstSearch

Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

RCRACOR

SEARCH ID: 2 **DIST/DIR:** 0.79 SE **ELEVATION:** 200 **MAP ID:** 103

NAME: PRATT and WHITNEY ENGINE DIV
ADDRESS: PINE ST
MANCHESTER CT 06040

REV: 11/10/10
ID1: CTD000844324
ID2:
STATUS: CA
PHONE:

CONTACT:
SOURCE: EPA

RESOLVED: 7/22/1988
TYPE: TSD-OTHER REQUIREMENTS (OVERSIGHT)

VIOLATION NUMBER: 0004 **RESPONSIBLE:** S - STATE
DETERMINED: 3/28/1990 **DETERMINED BY:** S - STATE
CITATION:
RESOLVED: 1/1/1993
TYPE: TSD-OTHER REQUIREMENTS (OVERSIGHT)

CORRECTIVE ACTION INFORMATION

CA EVENT: 11/24/1992 CA075LO - CA PRIORITIZATION-LOW CA PRIORITY

CA EVENT: 10/4/2000 CA210SF - REFERRED TO A NON-RCRA AUTHORITY-REFERRED TO CERCLA

HAZARDOUS WASTE INFORMATION:

F017
Spent stripping and cleaning bath solutions from electroplating operations in which cyanides are used in the process.
1,4-Diethyleneoxide (OR) 1,4-Dioxane
2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1- phenylbutyl)-, and salts, when present at concentrations greater than 0.3% (OR) Warfarin, and salts, when present at concentrations greater than 0.3%
Corrosive waste
D000
Ethene, tetrachloro- (OR) Tetrachloroethylene
P090
Reactive waste
Ethene, trichloro- (OR) Trichloroethylene
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 contain
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; a
Ethane, 1,1,1-trichloro- (OR) Methyl chloroform
Ignitable waste

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 33 **DIST/DIR:** 0.84 SW **ELEVATION:** 164 **MAP ID:** 104

NAME: MOBIL 01-QQM
ADDRESS: 427 HARTFORD RD
MANCHESTER CT

REV: 4/23/10
ID1: 2324
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY: POST, M.
UPDATED PROGRAM: CORE
UPDATED: 3/28/1995
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

ATLAS OIL
ATLAS OIL

COMMENTS:

REFERRAL INFORMATION

SOURCE: REMEDIAL - DEP WATER BUREAU - REMEDIATION SECTION
RECEIVED: 3/28/1995
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED:
OUTCOME:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 24 **DIST/DIR:** 0.86 SE **ELEVATION:** 180 **MAP ID:** 105

NAME: CT CYCLE ACCESSORIES, INC
ADDRESS: 316 HARTFORD RD
MANCHESTER CT

REV: 4/23/10
ID1: 1099
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD: TO GROUND

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

COMMENTS:

REFERRAL INFORMATION

SOURCE: SUPERFUND - DEP WASTE BUREAU - SUPERFUND SITE DISCOVERY
RECEIVED: 11/1/1991
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED:
OUTCOME:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 31 **DIST/DIR:** 0.87 SE **ELEVATION:** 196 **MAP ID:** 106

NAME: MANCHESTER TOOL and DESIGN
ADDRESS: 130 HARTFORD RD
MANCHESTER CT
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 1072
ID2:
STATUS: SUSPECTED
PHONE:

SITE INFORMATION

WASTE TYPE1: OIL
WASTE TYPE2: SOLVENTS
WASTE TYPE3:

DISPOSAL METHOD: SPILL/DUMP

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

COMMENTS:

REFERRAL INFORMATION

SOURCE: ISWS - INDUSTRIAL SOLID WASTE SURVEY
RECEIVED: 9/4/1991
STAFF:
PROGRAM:
ASSIGNED:
COMPLETED:
OUTCOME:

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 41 **DIST/DIR:** 0.90 NE **ELEVATION:** 207 **MAP ID:** 107

NAME: SIFCO SELECTIVE PLATING
ADDRESS: 61 WOODLAND ST
MANCHESTER CT
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 4433
ID2:
STATUS: SUSPECTED
PHONE:

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS: 61-81 WOODLAND and 24 CHAPEL ST

SITE NAMES

COMMENTS: 61-81 WOODLAND and 24 CHAPEL ST

INFORMATION

ESTABLISHMENT: SIFCO SELECTIVE PLATING
SELLER: SBM LTD
BUYER: S. MARK STEPHENS

FORM: FORM I **RECEIVED:** 3/23/1992
ACKNOWLEDGED: 8/13/1992 **RETURNED:**
CERTIFIED: **REVISED:**
ECAF RECEIVED: **ECAF REVIEWED:**

STATUS:

STAFF:

CERTIFIER: ,

FIRST PAYMENT: \$200 **SECOND PAYMENT:** \$

COMMENTS:

REFERRAL INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 41	DIST/DIR: 0.90 NE	ELEVATION: 207	MAP ID: 107
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NAME: SIFCO SELECTIVE PLATING
ADDRESS: 61 WOODLAND ST
MANCHESTER CT
HARTFORD

REV: 4/23/10
ID1: 4433
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SOURCE:	PTP - PROPERTY TRANSFER PROGRAM
RECEIVED:	3/23/1992
STAFF:	
PROGRAM:	PTP - PROPERTY TRANSFER PROGRAM
ASSIGNED:	
COMPLETED:	3/23/1992
OUTCOME:	PTP

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 25 **DIST/DIR:** 0.96 NW **ELEVATION:** 88 **MAP ID:** 108

NAME: EDWARD JARVIS, INC. ADDRESS: 375 NEW STATE RD MANCHESTER CT HARTFORD CONTACT: SOURCE: CT DEP	REV: 4/23/10 ID1: 3299 ID2: STATUS: SUSPECTED PHONE:
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SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE:	NO
LOCATION METHOD:	
OTHER DEP:	
UPDATED BY:	FEATHERS, K.
UPDATED PROGRAM:	HAZARD - DEP WATER BUREAU - SIGNIFICANT ENVIRONMENTAL HAZARD REPORTING PROGRAM
UPDATED:	1/26/1999
SW CLASSIFICATION:	
GW CLASSIFICATION:	

COMMENTS:

SITE NAMES

375 NEW STATE ROAD PROPERTY
375 NEW STATE ROAD PROPERTY

COMMENTS:

INFORMATION

ESTABLISHMENT:	EDWARD JARVIS, INC.			
SELLER:	EDWARD JARVIS			
BUYER:	375 NEW STATE RD LTD PNTR			
FORM:	FORM II	RECEIVED:	8/31/1989	
ACKNOWLEDGED:		RETURNED:	11/16/1989	
CERTIFIED:		REVISED:		
ECAF RECEIVED:		ECAF REVIEWED:		

STATUS:

STAFF: HAMEL, M.

CERTIFIER: ,

FIRST PAYMENT: \$ **SECOND PAYMENT:** \$

COMMENTS:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 25 **DIST/DIR:** 0.96 NW **ELEVATION:** 88 **MAP ID:** 108

NAME: EDWARD JARVIS, INC. ADDRESS: 375 NEW STATE RD MANCHESTER CT HARTFORD CONTACT: SOURCE: CT DEP	REV: 4/23/10 ID1: 3299 ID2: STATUS: SUSPECTED PHONE:
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INFORMATION

ESTABLISHMENT: EDWARD JARVIS, INC.
SELLER: 375 NEW STATE ROAD LTD. PARTNERSHIP
BUYER:

FORM:	FORM III	RECEIVED:	7/30/1999
ACKNOWLEDGED:	9/1/1999	RETURNED:	8/11/1999
CERTIFIED:		REVISED:	8/26/1999
ECAF RECEIVED:		ECAF REVIEWED:	9/13/1999

STATUS: DR

STAFF: HAMEL, M.

CERTIFIER: LON G. ANNULI, PRESIDENT, TRANSFEROR
ANNZER INC.

P.O. BOX 610
MANCHESTER, CT 06040

FIRST PAYMENT: \$2000 **SECOND PAYMENT:** \$

COMMENTS:

INFORMATION

ESTABLISHMENT: EDWARD JARVIS, INC.
SELLER: EDWARD JARVIS
BUYER: 375 NEW STATE ROAD LTD. PTRNSP.

FORM:	FORM III	RECEIVED:	7/16/1999
ACKNOWLEDGED:	8/11/1999	RETURNED:	
CERTIFIED:		REVISED:	
ECAF RECEIVED:		ECAF REVIEWED:	8/20/1999

STATUS: DRT

STAFF: HAMEL, M.

CERTIFIER: EDWARD, JARVIS, INC., TRANSFEROR
EDWARD JARVIS

795 CENTER STREET
MANCHESTER, CT 06040

FIRST PAYMENT: \$1800 **SECOND PAYMENT:** \$200

COMMENTS: REFILE OF IMPROPER FORM II PAY 2 - 07/30/99

REMEDIAL INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 25 **DIST/DIR:** 0.96 NW **ELEVATION:** 88 **MAP ID:** 108

NAME: EDWARD JARVIS, INC. ADDRESS: 375 NEW STATE RD MANCHESTER CT HARTFORD CONTACT: SOURCE: CT DEP	REV: 4/23/10 ID1: 3299 ID2: STATUS: SUSPECTED PHONE:
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TYPE:	III	
PROGRAM:	PTP - PROPERTY TRANSFER PROGRAM	
ENTERED:		
STAFF:	HAMEL, M.	COMPLETE:
ASSIGNED:		PHASE: DR
ORDER ISSUED:	NO	ORDER NUMBER:
ORDER DATE:		INVESTIGATION START:
COMPLETED:		DESIGN START:
DESIGN DONE:		ACTION START:
ACTION DONE:		OPERATION START:
GW MONITORING:	NO	

REFERRAL INFORMATION

SOURCE:	HAZARD - DEP WATER BUREAU - SIGNIFICANT ENVIRONMENTAL HAZARD REPORTING
PROGRAM	
RECEIVED:	1/26/1999
STAFF:	FEATHERS, K.
PROGRAM:	HAZARD - DEP WATER BUREAU - SIGNIFICANT ENVIRONMENTAL HAZARD REPORTING
PROGRAM	
ASSIGNED:	1/26/1999
COMPLETED:	1/31/1999
OUTCOME:	HAZARD

Environmental FirstSearch
Site Detail Report

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 39 **DIST/DIR:** 0.97 NE **ELEVATION:** 182 **MAP ID:** 109

NAME: REGIUS PROPERTY
ADDRESS: 21 AND 59-61 LOOMIS ST
MANCHESTER CT
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 4430
ID2:
STATUS: SUSPECTED
PHONE:

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

MULTICIRCUIT

COMMENTS:

INFORMATION

ESTABLISHMENT: REGIUS PROPERTY
SELLER: ROBERT B. REGIUS
BUYER: CALDWELL REALTY, LLC

FORM:	FORM I	RECEIVED:	9/17/1998
ACKNOWLEDGED:	10/29/1998	RETURNED:	10/1/1998
CERTIFIED:		REVISED:	10/30/1998
ECAF RECEIVED:		ECAF REVIEWED:	

STATUS:

STAFF:

CERTIFIER: ROBERT B. REGIUS, TRANSFEROR

FIRST PAYMENT: \$200 **SECOND PAYMENT:** \$

COMMENTS:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 39	DIST/DIR: 0.97 NE	ELEVATION: 182	MAP ID: 109
----------------------	--------------------------	-----------------------	--------------------

NAME: REGIUS PROPERTY
ADDRESS: 21 AND 59-61 LOOMIS ST
MANCHESTER CT
HARTFORD

REV: 4/23/10
ID1: 4430
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

REFERRAL INFORMATION

SOURCE: RECEIVED: STAFF: PROGRAM: ASSIGNED: COMPLETED: OUTCOME:	PTP - PROPERTY TRANSFER PROGRAM 9/17/1998 PTP - PROPERTY TRANSFER PROGRAM 9/17/1998 PTP
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***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 38 **DIST/DIR:** 0.98 NW **ELEVATION:** 173 **MAP ID:** 110

NAME: REGIUS PROPERTY
ADDRESS: 81 LOOMIS ST
MANCHESTER CT
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 4431
ID2:
STATUS: SUSPECTED
PHONE:

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

COMMENTS:

INFORMATION

ESTABLISHMENT: REGIUS PROPERTY
SELLER: ROBERT B. REGIUS
BUYER: LOOMIS ASSOCIATES, L.L.C.

FORM: FORM I **RECEIVED:** 4/20/1998
ACKNOWLEDGED: **RETURNED:** 6/1/1998
CERTIFIED: 11/17/1999 **REVISED:**
ECAF RECEIVED: **ECAF REVIEWED:**

STATUS:

STAFF:

CERTIFIER: ROBERT B. REGIUS, TRANSFEROR

FIRST PAYMENT: \$200 **SECOND PAYMENT:** \$

COMMENTS:

REFERRAL INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 38	DIST/DIR: 0.98 NW	ELEVATION: 173	MAP ID: 110
----------------------	--------------------------	-----------------------	--------------------

NAME: REGIUS PROPERTY
ADDRESS: 81 LOOMIS ST
MANCHESTER CT
HARTFORD

REV: 4/23/10
ID1: 4431
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

SOURCE:	PTP - PROPERTY TRANSFER PROGRAM
RECEIVED:	4/20/1998
STAFF:	
PROGRAM:	PTP - PROPERTY TRANSFER PROGRAM
ASSIGNED:	
COMPLETED:	4/20/1998
OUTCOME:	PTP

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 26 **DIST/DIR:** 0.99 NE **ELEVATION:** 170 **MAP ID:** 111

NAME: HILLIARD STORAGE and WAREHOUSING
ADDRESS: 104 HILLIARD ST
MANCHESTER CT
HARTFORD
CONTACT:
SOURCE: CT DEP

REV: 4/23/10
ID1: 4417
ID2:
STATUS: SUSPECTED
PHONE:

SITE INFORMATION

WASTE TYPE1:
WASTE TYPE2:
WASTE TYPE3:

DISPOSAL METHOD:

SAMPLE AVAILABLE: NO
LOCATION METHOD:
OTHER DEP:
UPDATED BY:
UPDATED PROGRAM:
UPDATED:
SW CLASSIFICATION:
GW CLASSIFICATION:

COMMENTS:

SITE NAMES

COMMENTS:

INFORMATION

ESTABLISHMENT: HILLIARD STORAGE and WAREHOUSING
SELLER: MICHAEL DZEN
BUYER: WOLFRED and ERIC HUHTALA

FORM: FORM I **RECEIVED:** 11/20/1996
ACKNOWLEDGED: 12/20/1996 **RETURNED:**
CERTIFIED: **REVISED:**
ECAF RECEIVED: **ECAF REVIEWED:**

STATUS:

STAFF:

CERTIFIER: MICHAEL DZEN, TRANSFEROR

FIRST PAYMENT: \$200 **SECOND PAYMENT:** \$

COMMENTS:

REFERRAL INFORMATION

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

STATE

SEARCH ID: 26	DIST/DIR: 0.99 NE	ELEVATION: 170	MAP ID: 111
----------------------	--------------------------	-----------------------	--------------------

NAME: HILLIARD STORAGE and WAREHOUSING
ADDRESS: 104 HILLIARD ST
MANCHESTER CT
HARTFORD

REV: 4/23/10
ID1: 4417
ID2:
STATUS: SUSPECTED
PHONE:

CONTACT:
SOURCE: CT DEP

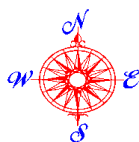
SOURCE:	PTP - PROPERTY TRANSFER PROGRAM
RECEIVED:	11/20/1996
STAFF:	
PROGRAM:	PTP - PROPERTY TRANSFER PROGRAM
ASSIGNED:	
COMPLETED:	11/20/1996
OUTCOME:	PTP

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

Target Property: 334 BROAD ST
MANCHESTER CT 06040

JOB: 05.P000408.11

Street Name	Dist/Dir	Street Name	Dist/Dir
Alexander St	0.13 SW		
Broad St	0.03 NE		
Center St	0.22 SW		
Crescent St	0.21 NE		
Crestwood Dr	0.25 SW		
Deepwood Dr	0.05 SW		
Devon Dr	0.05 SW		
Dougherty St	0.24 SW		
Durant St	0.13 NE		
Edgerton St	0.17 SE		
Essex St	0.17 NE		
Green Manor Blvd	0.00 --		
Griswold St	0.16 SE		
Hemlock St	0.21 NE		
Henderson Rd	0.25 SE		
Lilac St	0.17 SE		
Lincoln St	0.18 SE		
Little St	0.07 NE		
Lodge Dr	0.18 SE		
Middle Tpke W	0.16 NW		
Oliver Rd	0.18 NW		
Perkins St	0.19 SW		
Proctor Rd	0.23 SW		
Ridgewood St	0.15 SE		
Roosevelt St	0.15 SE		
St John St	0.06 SW		
St Lawrence St	0.20 SW		
Tower Rd	0.16 NW		
Trumbull St	0.22 SE		
United States Highwa	0.22 SW		
United States Highwa	0.22 SW		
Victoria Rd	0.23 SW		

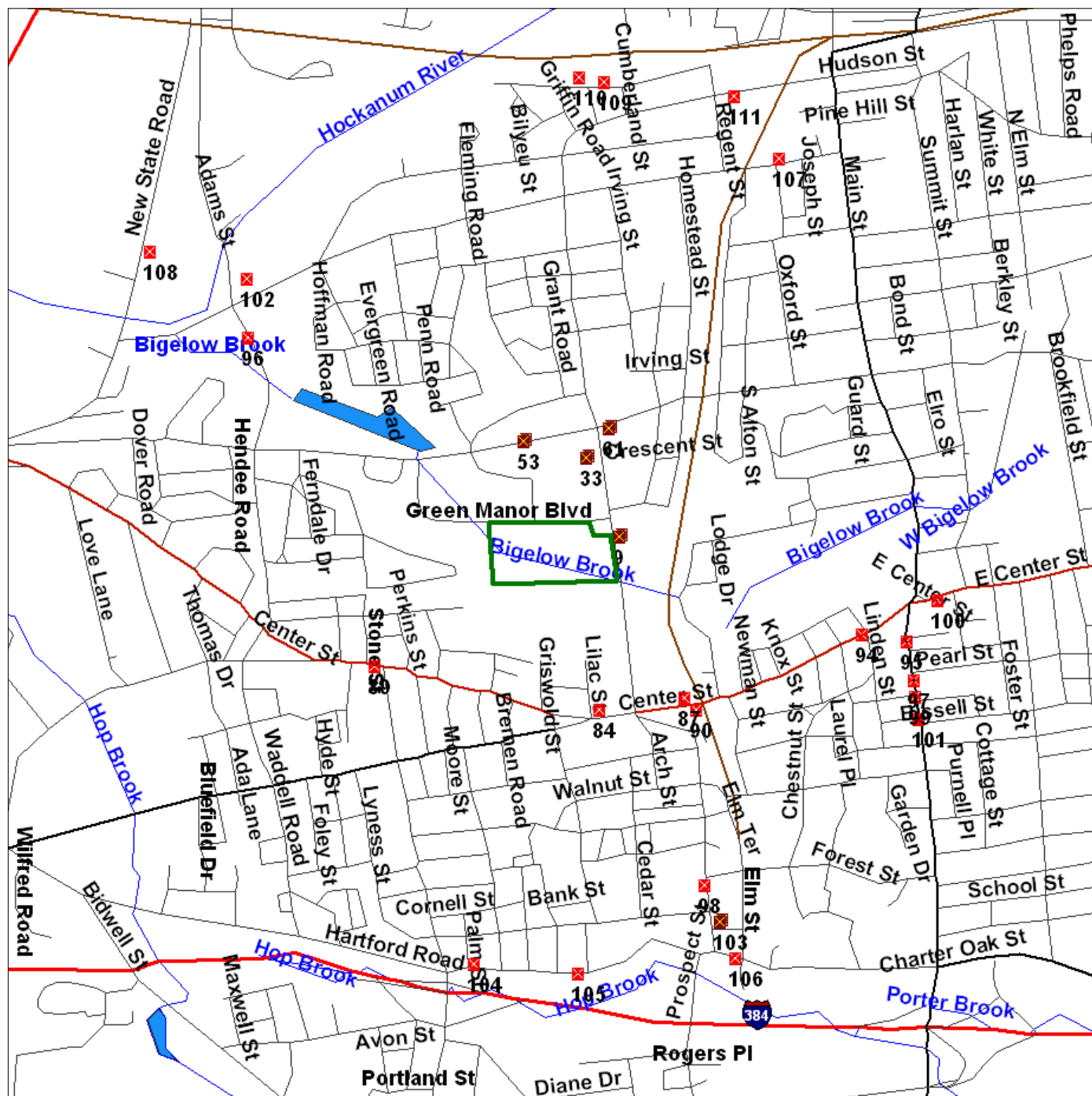


Environmental FirstSearch

1 Mile Radius from Area
ASTM Map: NPL, RCRA COR, STATE Sites

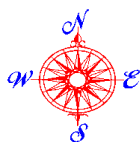


334 BROAD ST, MANCHESTER CT 06040



Source: 2005 U.S. Census TIGER Files

Area Polygon	
Identified Site, Multiple Sites, Receptor	
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste	
Triballand.....	
Railroads	

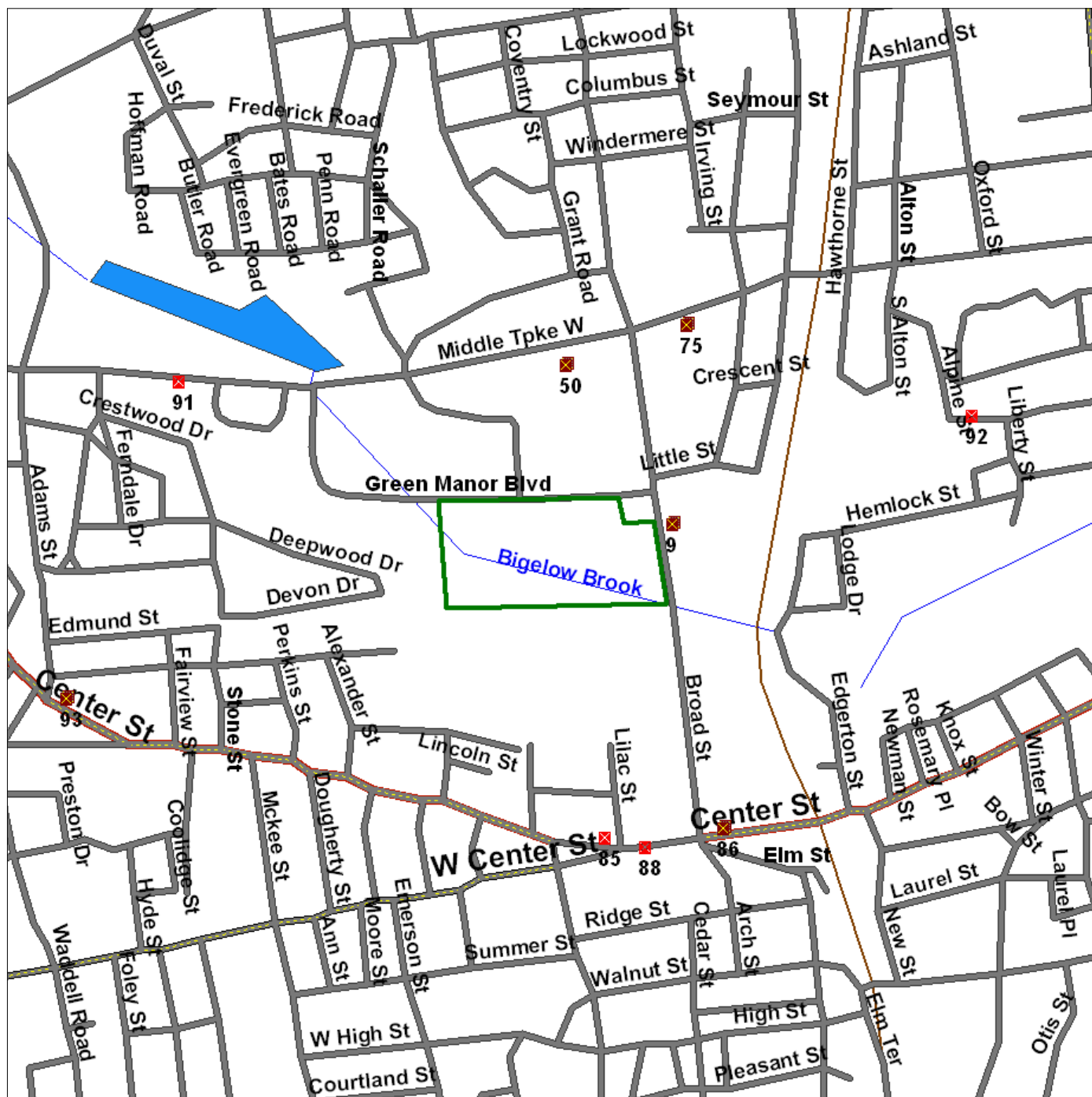


Environmental FirstSearch

.5 Mile Radius from Area
ASTM Map: CERCLIS, RCRATSD, LUST, SWL

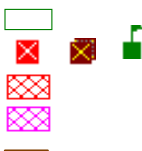


334 BROAD ST, MANCHESTER CT 06040



Source: 2005 U.S. Census TIGER Files

Area Polygon
Identified Site, Multiple Sites, Receptor
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
Triballand.....
Railroads



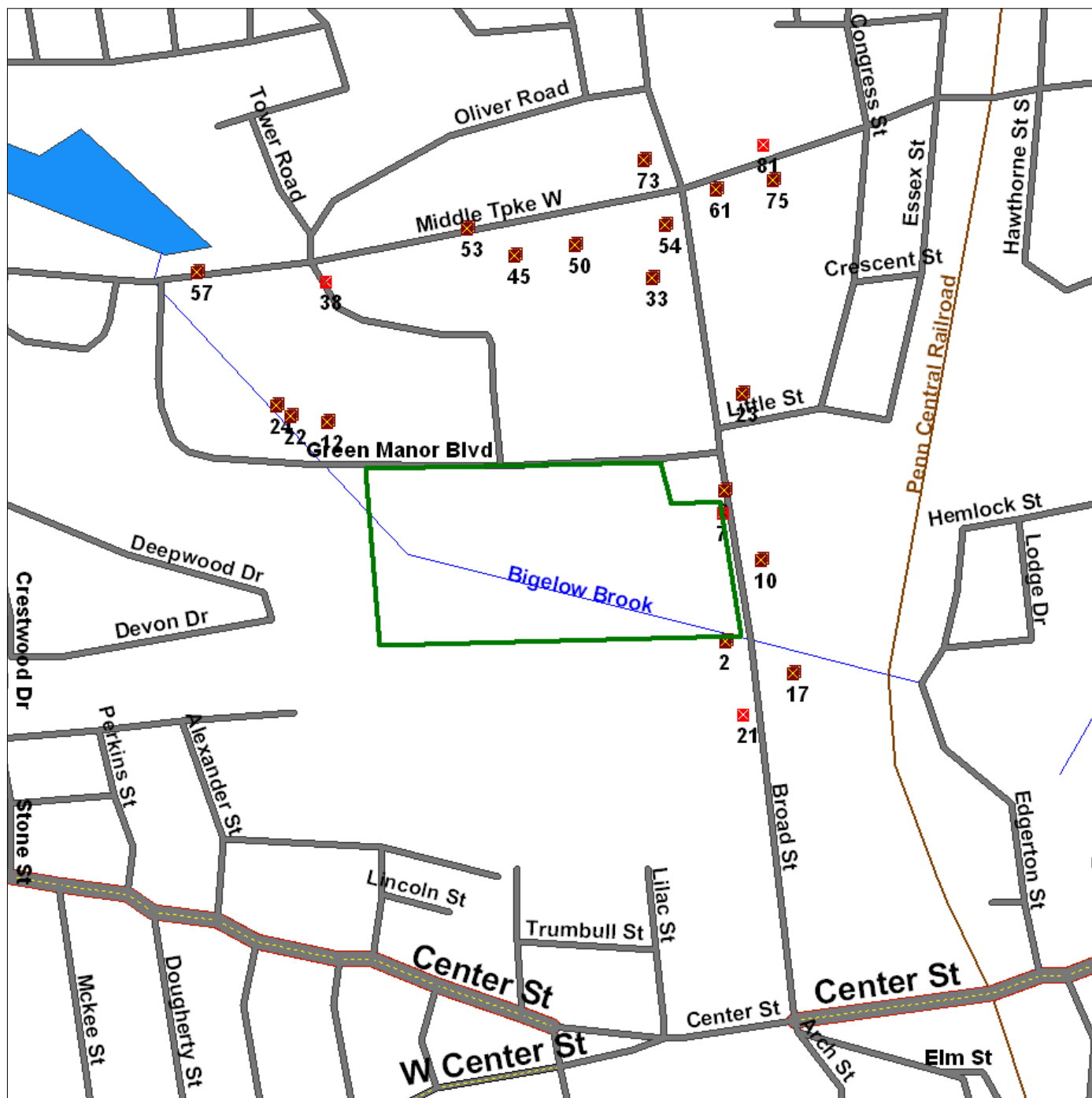


Environmental FirstSearch

.25 Mile Radius from Area
ASTM Map: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS

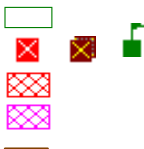


334 BROAD ST, MANCHESTER CT 06040



Source: 2005 U.S. Census TIGER Files

Area Polygon
Identified Site, Multiple Sites, Receptor
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
Triballand.....
Railroads



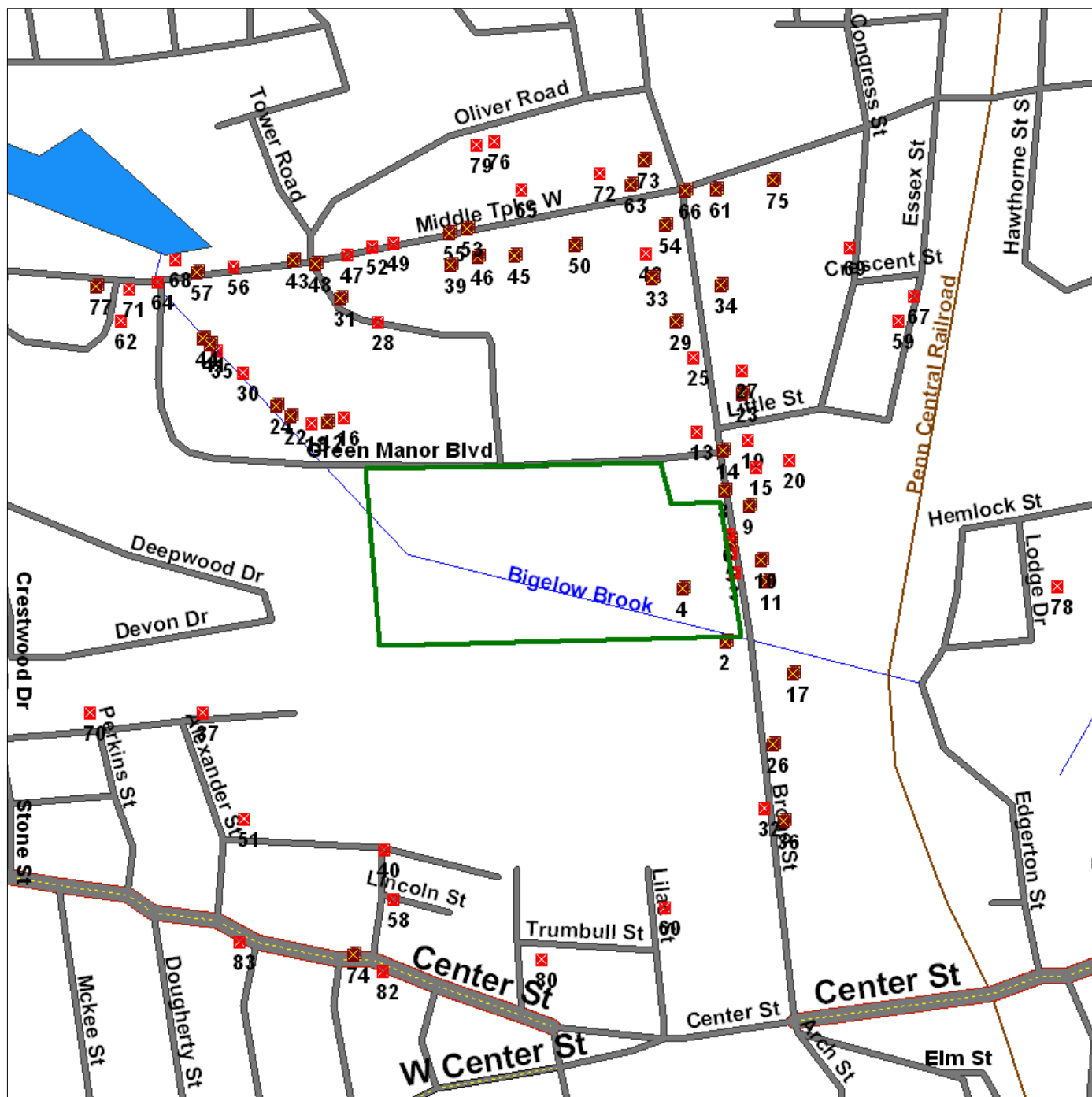


Environmental FirstSearch

.25 Mile Radius from Area
Non-ASTM Map: RCRANLR, Spills 90, Other



334 BROAD ST, MANCHESTER CT 06040



Source: 2005 U.S. Census TIGER Files

Area Polygon
Identified Site, Multiple Sites, Receptor
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
Triballand.....
National Historic Sites and Landmark Sites
Railroads





EDR® Environmental
Data Resources Inc

EDR Historical Topographic Map Report

**Vacant Retail Building
Broad Street/Green Manor Blvd
Manchester, CT 06040**

Inquiry Number: 1749098.12

September 07, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

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

EDR Historical Topographic Map Report

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

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

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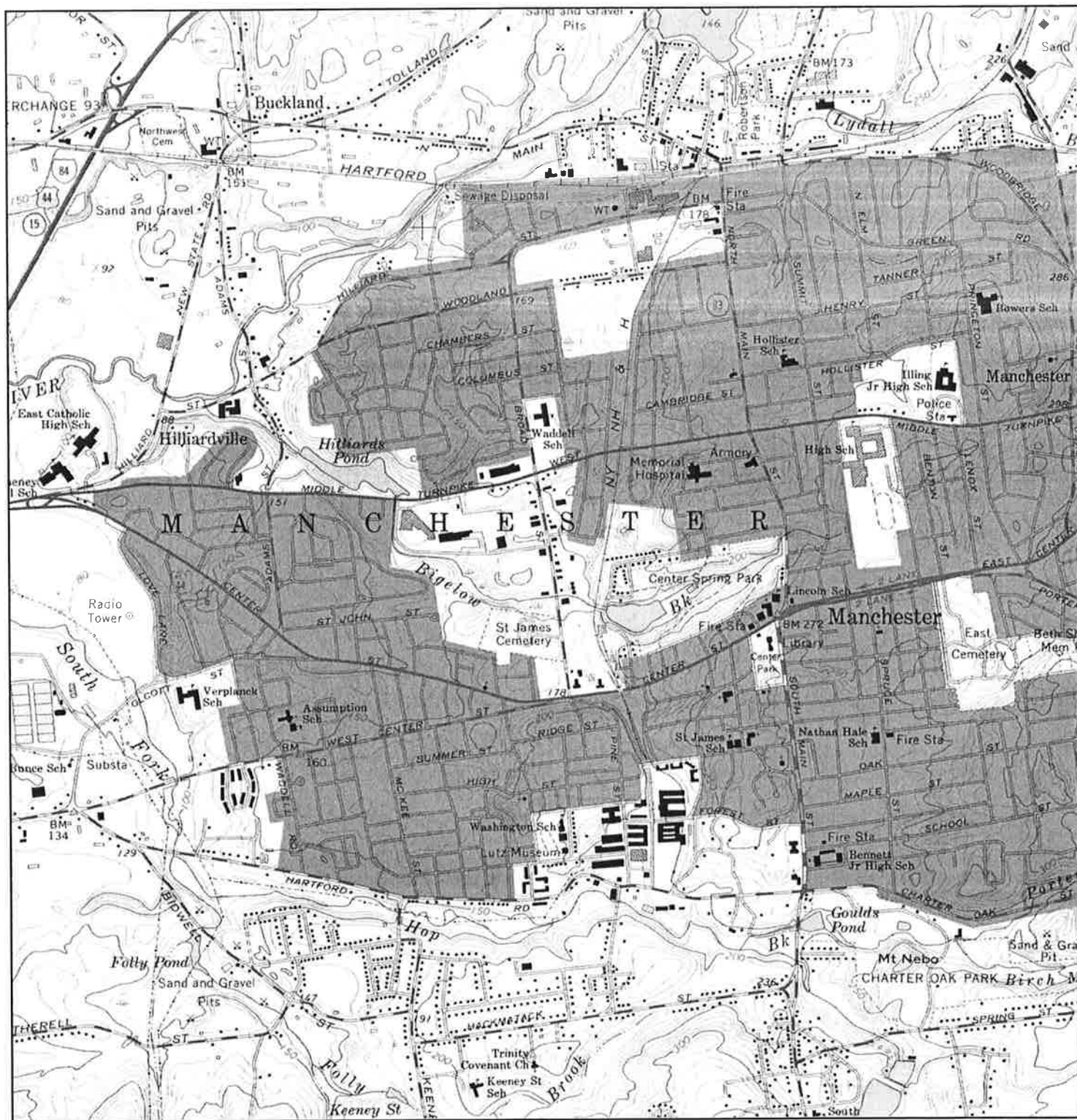
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Historical Topographic Map



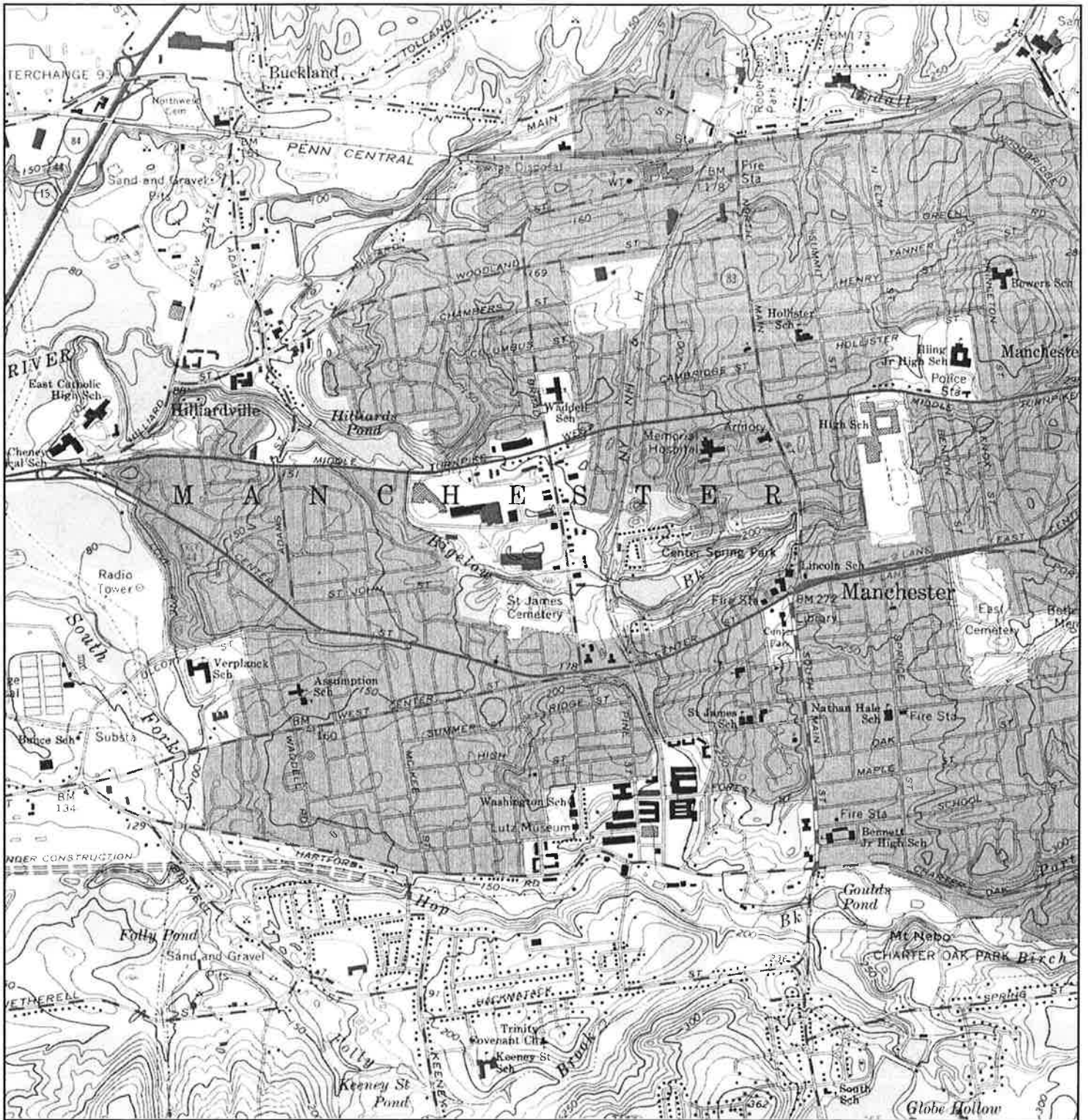
<p>N ↑</p>	<p>TARGET QUAD NAME: HARTFORD MAP YEAR: 1892</p> <p>SERIES: 15 SCALE: 1:62500</p>	<p>SITE NAME: Vacant Retail Building ADDRESS: Broad Street/Green Manor Blvd Manchester, CT 06040 LAT/LONG: 41.7775 / 72.5357</p>	<p>CLIENT: GZA GeoEnvironmental, Inc. CONTACT: Jim Hutton INQUIRY#: 1749098.12 RESEARCH DATE: 09/07/2006</p>

Historical Topographic Map



<div data-bbox="110 1812 142 1913"> </div> <div data-bbox="167 1780 470 1963"> <p>TARGET QUAD NAME: MANCHESTER MAP YEAR: 1963</p> <p>SERIES: 7.5 SCALE: 1:24000</p> </div>	<div data-bbox="524 1780 1000 1898"> <p>SITE NAME: Vacant Retail Building ADDRESS: Broad Street/Green Manor Blvd Manchester, CT 06040 LAT/LONG: 41.7775 / 72.5357</p> </div>	<div data-bbox="1078 1780 1526 1898"> <p>CLIENT: GZA GeoEnvironmental, Inc. CONTACT: Jim Hutton INQUIRY#: 1749098.12 RESEARCH DATE: 09/07/2006</p> </div>
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Historical Topographic Map



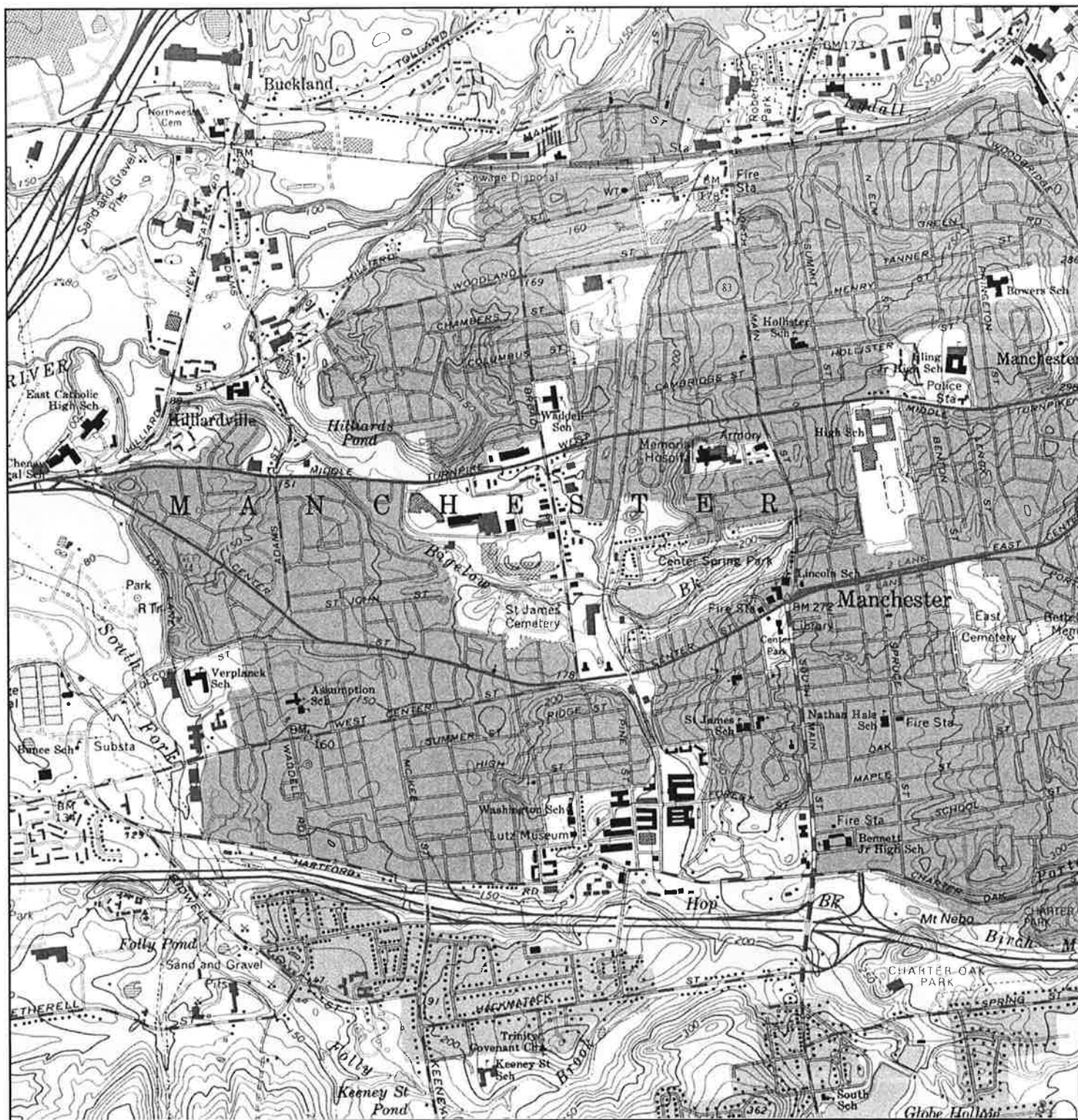
<p>N ↑</p>	<p>TARGET QUAD NAME: MANCHESTER MAP YEAR: 1968 PHOTOREVISED: 1963 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Vacant Retail Building ADDRESS: Broad Street/Green Manor Blvd Manchester, CT 06040 LAT/LONG: 41.7775 / 72.5357</p>	<p>CLIENT: GZA GeoEnvironmental, Inc. CONTACT: Jim Hutton INQUIRY#: 1749098.12 RESEARCH DATE: 09/07/2006</p>
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Historical Topographic Map

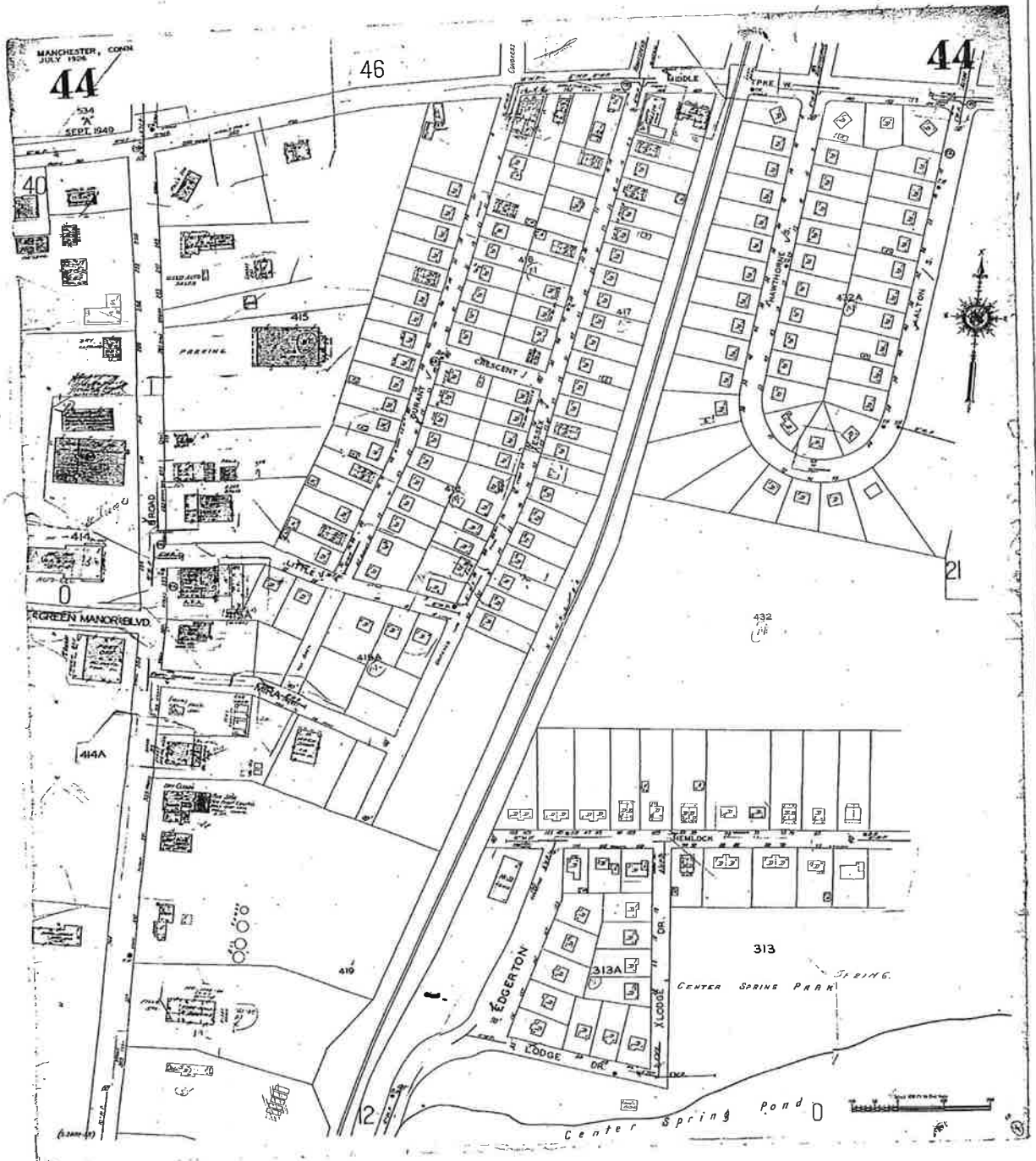


<p>N ↑</p>	<p>TARGET QUAD NAME: MANCHESTER MAP YEAR: 1984 PHOTOREVISED: 1963 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Vacant Retail Building ADDRESS: Broad Street/Green Manor Blvd Manchester, CT 06040 LAT/LONG: 41.7775 / 72.5357</p>	<p>CLIENT: GZA GeoEnvironmental, Inc. CONTACT: Jim Hutton INQUIRY#: 1749098.12 RESEARCH DATE: 09/07/2006</p>
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Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: MANCHESTER MAP YEAR: 1992 REVISED: 1963 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Vacant Retail Building ADDRESS: Broad Street/Green Manor Blvd Manchester, CT 06040 LAT/LONG: 41.7775 / 72.5357</p>	<p>CLIENT: GZA GeoEnvironmental, Inc. CONTACT: Jim Hutton INQUIRY#: 1749098.12 RESEARCH DATE: 09/07/2006</p>
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APPENDIX G
USER QUESTIONNAIRE

USER QUESTIONNAIRE

Site Name: Manchester Parkade

Title and Signature of Person Completing Questionnaire



Mark Pellegrini, Director of Planning and Economic Development

Date: February 1, 2011

The following are a series of questions from ASTM 1527-05 that must be answered in order to qualify for LLPs under CERCLA. Please provide an answer to each question or attach pertinent information and identify a number for each attachment.

(1.) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

☒ No ☐ Yes (Describe or attach information) Attachment No. _____

(2.) Are you aware of any Activity and Use Limitations (AULs), such as engineering controls (e.g. engineered caps, foundations, liners, treatment methods, etc. in use to prevent contamination from migrating to surrounding areas), land use restrictions or institutional controls (e.g. administrative measures restricting groundwater use, construction, or property use) that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

☒ No ☐ Yes (Describe or attach information) Attachment No. _____

(3.) Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would

have specialized knowledge of the chemicals and processes used by this type of business?

☒ No ☐ Yes (Describe or attach information) Attachment No. _____

(4.) Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

☐ No ☒ Yes (Describe or attach information) Attachment No. _____

Reasonable based on property location and conditions and deed
restrictions held by adjacent owners.

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

☒ No ☐ Yes (Describe or attach information) Attachment No. _____

(5.) Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as User,

(a.) Do you know the past uses of the property? ☐ No ☒ Yes (Describe or attach information) Attachment No. _____

Retail and Commercial since late 1960's. A gas station on a portion of
site prior to that.

(b.) Do you know of specific chemicals that are present or once were present at the property? ☒ No ☐ Yes (Describe or attach information) Attachment No. _____

(c.) Do you know of spills or other chemical releases that have taken place at the property? ☒ No ☐ Yes (Describe or attach information) Attachment No. _____

(d.) Do you know of any environmental cleanups that have taken place at the property?

☒ No ☐ Yes (Describe or attach information)

Attachment No. _____

(6.) As the User of the ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

☐ No ☒ Yes (Describe or attach information)

Attachment No. _____

Assessments of properties across the street showing "landfill" and some petroleum releases. Prior Phase I draft reports.

APPENDIX H
QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

Gary J. Cluen, LEP

Gary Cluen is a Principal in GZA's Connecticut Office and has an undergraduate (Rensselaer Polytechnic Institute) and master's degree (Rensselaer Polytechnic Institute) in geology. He has over 30 years of experience in performing environmental site characterizations, groundwater monitoring, hazardous waste, and groundwater control projects throughout the United States. He has been responsible for managing site assessments and sampling activities and has designed/managed the installation of groundwater control and site remediation systems on many projects. Project experience includes: environmental site assessments, environmental permitting, groundwater supply evaluations, contamination assessment and cleanup, construction dewatering, groundwater monitoring, landfill closure, lagoon stabilization, RCRA closures, and Remedial Investigation/Feasibility Studies for federal and state Superfund projects. Mr. Cluen is also experienced in designing and installing various construction dewatering and groundwater control systems including: deep well, well point and ejector pumping systems; slurry trenches, grouting, and ground freezing applications.

James T. Hutton, LEP

Mr. James Hutton has more than 17 years of experience in the area of environmental site investigation and remediation and has an undergraduate (Colgate University) and master's degree (University of Rhode Island) in geology. At GZA, Mr. Hutton manages a wide variety of projects including: Phase I, II and III site assessments; property transfer filings, subsurface investigation of soils and groundwater, remediation of impacted soil and groundwater, and underground storage tank assessment and closure. Mr. Hutton has developed an in-depth knowledge of regional (New England and New York) environmental regulations and subsurface conditions governing contaminant transport and migration. He also has specific experience in soil remediation in preparation for site development, remedial action plan design and implementation, health and safety plan design and implementation, Petroleum Storage Tank Clean-Up Fund application preparation, soil gas testing programs, and soil vapor extraction systems. Mr. Hutton routinely manages and coordinates multiple investigations and remediation projects for clients in the government, commercial, manufacturing, banking and insurance sectors. He obtained his Connecticut Licensed Environmental Professional license in July 2000. Prior to joining GZA, Mr. Hutton worked as a senior geologist at two other Connecticut environmental consulting firms.