

# Appendix

PHASE 1  
ENVIRONMENTAL SITE  
ASSESSMENT

SECTION  
3.1.8

# Phase I Environmental Site Assessment

Leicester Middle School  
70 Winslow Avenue  
Leicester, Massachusetts

March 2019



108 Myrtle Street  
Suite 502  
Quincy, MA 02171



March 28, 2019

Ms. Regan Shields Ives, AIA, NCARB, LEED AP  
Principal  
Finegold Alexander Architects  
77 North Washington Street  
Boston, MA 02114

RE: Phase I Environmental Site Assessment  
Leicester Middle School  
70 Winslow Avenue, Leicester, MA

Dear Ms. Shields Ives:

We are pleased to submit the enclosed report of the Phase I Environmental Site Assessment (ESA) for the above-referenced site. The site assessment was conducted in conformance with the Standard Practice E 1527-13 for Environmental Site Assessments published by the American Society for Testing and Materials (ASTM, 2013).

Note that ASTM E 1527-13 requires that certain elements of a Phase I ESA be updated if the data for the report is more than six months old. Therefore, if this report is to be relied upon after September 4, 2019, we recommend you contact us to discuss options. We have identified no recognized environmental conditions (RECs) associated with the Site. Our findings are presented in Section 8.

In accordance with the requirements of the ASTM 1527-13 Standard, we declare that to the best of our professional knowledge and belief, we meet the definition of an environmental professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the subject property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Thank you for the opportunity to conduct this work. Please contact the undersigned if we can be of further assistance.

Sincerely,

Daniel LaFrance, PE, LSP  
Project Manager

Timothy Clinton, CPG, LSP  
Project Manager

Enclosure Phase I ESA

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# 1 Introduction

Finegold Alexander Architects (Finegold, the "Client") retained Fuss & O'Neill, Inc. (Fuss & O'Neill) to conduct a Phase I Environmental Site Assessment (Phase I ESA) at the Leicester Middle School, located at 70 Winslow Avenue in Leicester, Massachusetts. We understand that Finegold has requested this Phase I ESA on behalf of the Leicester Public Schools as part of Module 3 (Feasibility Study) of the Massachusetts School Building Authority (MSBA) school building process.

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## 1.1 Objective

The objective of this Phase I ESA was to identify recognized environmental conditions (RECs) present at the Site. As defined by Standard Practice for Environmental Site Assessments E 1527-13, developed by the American Society for Testing and Materials (ASTM, 2013), REC means:

...the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

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## 1.2 Scope of Services

This Phase I ESA was performed using ASTM Standard Practice E 1527-13, Standard Practice for Environmental Site Assessments (ASTM, 2013). Unless otherwise stated in this report, assessments for asbestos-containing materials, PCB-containing building materials, lead-based paint or plumbing materials, radon gas, and mold were not conducted as part of this Phase I ESA. Furthermore, we did not investigate the potential for the Site to contain wetlands, endangered species, ecological resources or historic/cultural resources. Environmental compliance or permitting issues were not considered during this investigation.

Refer to Appendix A for the scope of work and restrictions of this ESA and to Section 9 of this report for limitations on this work product. The qualifications of the Environmental Professionals and other staff involved in the preparation of this document are included in Appendix B.

# 2 Site Overview

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## 2.1 Site Information

### 2.1.1 Property Location, Size of Parcel and Site Plan

The Site, the Leicester Middle School, is located on the northern side of Winslow Avenue in the Town of Leicester, Massachusetts (Worcester County). A portion of a United States Geological Survey (USGS) topographic map showing the Site location is provided as Figure 1.

According to the Town of Leicester (the Town) Tax Assessor’s records, the Site is a 20.4-acre parcel (15-A14-0), which has been owned by the Town of Leicester Middle School since November 1959. The Site was improved with the school building, which was constructed in the 1950s and was in-use at the time of this report.

A Site plan is provided as Figure 2. Copies of the property description cards obtained from the Town Tax Assessor’s office are attached as Appendix C. A description of the Site developed during the inspection is presented in Section 6.

### 2.1.2 Site Utilities

According to Mr. Marvin Salguero of the Site maintenance department, and as documented in previous environmental investigations conducted at the Site, the building is connected to public water and sewer. Telecommunication lines enter the site underground.

The Site building is currently heated with a forced hot water system fueled by #2 fuel oil, which is stored in a 10,000-gallon aboveground storage tank (AST) located to the north of the building.

### 2.1.3 Adjoining Land Use

Based on observations made during the Site inspection and available mapping, properties adjoining the Site include the following:

Address	Description	Direction from Subject Site
174 Paxton Street	Leicester High School & Leicester Primary School	North
40 Winslow Avenue	Leicester Senior Center	East
Winslow Avenue	Residential	South
Paxton Street	Residential	West

## 2.2 Environmental Setting

### 2.2.1 Physical Setting

#### Topography and Geology

The topography of the Site was generally flat with an approximate elevation of 1,000 feet above sea level, based on USGS mapping. The regional topography slopes generally downward to the east-southeast.

Surficial material at the Site is mapped as the Paxton Fine Sandy Loam and Udorthents complexes (NRCS, 2019). The Paxton complex covers the majority of the Site and is described as horizons of fine

sandy loam over a native layer of gravelly fine sandy loam, derived from "coarse-loamy lodgment till." The Udorthents complex covering the central portion of the Site, consist of "made land over firm coarse-loamy basal till and/or dense coarse-loamy lodgment till."

Bedrock beneath the Site is mapped as part of the Paxton Formation, described as "undifferentiated biotite granofels, calc-silicate granofels, and sulfide schist" (Zen, 1983).

## Hydrology and Hydrogeology

### Groundwater

In accordance with the Massachusetts Contingency Plan (MCP; 310 CMR 40.0932), groundwater at the Site was classified as GW-1/GW-2/GW-3. All groundwater in the Commonwealth of Massachusetts is considered a potential source of discharge to surface water and shall be categorized, at a minimum, as category GW-3.

Groundwater is additionally defined as GW-1 if the groundwater is located within a Current or Potential Drinking Water Source Area. Based on MassGIS mapping, the western portion of the Site is located within a Zone II area, a Current Drinking Water Source Area as defined in 310 CMR 40.0006. According to 310 CMR 40.0006, Zone II means that area of an aquifer which contributes water to a well under the most severe pumping and recharge conditions that can be realistically anticipated, as approved by the MassDEP Division of Water Supply pursuant to 310 CMR 22.00.

Groundwater is defined as GW-2 if located within 30 lateral feet of an occupied structure at an average annual depth less than 15 feet. Based on remediation activities documented at the adjacent Leicester High School, directly north of the Site, groundwater was encountered at depths ranging from 9.71 to 13.17 feet below grade<sup>1</sup>. Based on the 1985 USGS topographic quadrangle of the Site and surrounding area, Leicester High School is approximately five feet above the Site grade. Therefore, GW-2 is applicable to the Site.

Based on USGS mapping of the local topography, the inferred groundwater flow direction is to the south-southeast. Depth to groundwater ranged from approximately 9 to 13 feet during the 1996 field investigation at the High School<sup>1</sup>. No field sampling, piezometric mapping, or water level gauging was conducted by Fuss & O'Neill to confirm the inferred groundwater flow direction and depth.

### Surface Water

The nearest surface water body,, Sargent Pond, is located approximately 1,200 feet west of the subject site (USGS, 1985). Sargent Pond is not listed in the Massachusetts Surface Water Quality Standards and is considered "other waters." According to the regulations (314 CMR 4.06(b)), "other waters are Class B, and presumed High Quality Waters for inland waters."

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<sup>1</sup> Immediate Response Action Completion and Response Action Outcome Statement, RTN 2-11039, Leicester High School, prepared by Corporate Environmental Advisors, Inc., September 1996.



According to 314 CMR 4.05, Class B waters are “designated as a habitat for fish, other aquatic life, and wildlife, including for their reproduction, migration, growth, and other critical functions, and for primary and secondary contact recreation. . . Class B surface waters shall be suitable for irrigation and other agricultural uses and for compatible industrial cooling and process uses. These waters shall have consistently good aesthetic value.”

## 2.2.2 Wetlands and Flood Zone Mapping

Based on the National Wetlands Inventory Map provided in the Environmental Data Resources (EDR) report included in Appendix D and the MassGIS Wetland and Wetland Change Areas Map, wetlands are located in the southeastern corner of the Site. These wetlands include a “shallow marsh meadow or fen” and a “shrub swam.”

Based on the Federal Emergency Management Agency (FEMA) Flood Map (25027C059E, effective July 4, 2011), no mapped floodplains are located on the Site.

Fuss & O'Neill did not independently verify the presence or extent of wetlands or flood hazards as part of this Phase I ESA.

## 2.2.3 Location of Public Water Supply Sources

Fuss & O'Neill used data available from the Office of Geographic Information, Commonwealth of Massachusetts, Information Technology Division (MassGIS) OLIVER and the Town Water Department to obtain the information regarding public water supply wells and aquifer protection areas in the vicinity of the subject site.

The Site is located within a mapped Zone II area, and therefore a Current Drinking Water Source Area. The Town's water supply is obtained from a bedrock aquifer. Two well fields are used; located on Whittlemore Street and Rawson Street. The on-Site Zone II is associated with the Rawson Street well. The Whittlemore Street well does not have an assigned Zone II; the interim wellhead protection area (IWPA) for the well does not include the Site, but includes the adjacent High School and Primary School properties. In addition to the wells, the Leicester water district has two 60,000-gallon water tanks located to the north of the Leicester High School.

According to the Leicester Water Supply District's 2017 Annual Drinking Water Quality Report, the Whittlemore Street well was removed from service due to the presence of arsenic and uranium contamination. No information was identified to indicate that the well has returned to service.

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## 2.3 Previous Environmental Investigations

As noted in Section 4.2 (State File Review) below, environmental response actions were previously undertaken at the Site in connection with a spill from an oil tank. A Release Tracking Number (RTN; MassDEP case file number) was assigned to the site as part of that process.

## 3 Site History

The following sources were used to develop the history of the Site and, to the extent required by ASTM Practice E 1527-13, the nearby properties:

- A summary of city street directories provided by Environmental Data Resources (EDR) for the years 1960, 1965, 1970, 1975, 1979, 1984, 1988, 1992, 1995, 2000, 2005, 2010, and 2014.
- Aerial photographs provided by EDR for the years 1952, 1963, 1966, 1975, 1980, 1985, 1991, 1995, 2008, 2012, and 2016.
- Topographic maps provided by EDR for the years 1886/1889, 1892, 1908, 1918, 1921, 1934/1935/1937, 1939/1941, 1943, 1948/1950/1953, 1953, 1960/1965, 1969/1973/1974, 1979, 1983, 1985, and 2012.
- Sanborn Fire Insurance Maps provided by EDR for the years 1904, 1910, 1918, 1931, 1945, and 1959.
- Files and personnel at the City Tax Assessor's, Building Department, Health Department, Planning/Inspectional Services, Conservation Commission, and the Leicester Fire Department.
- Request for Designer Services (RFS) for the school redevelopment process.

Although Sanborn maps were provided, the Site was generally unmapped in those documents, which depicted Winslow Avenue and development to the southwest of the Site.

Based on topographic maps, Winslow Avenue was developed sometime between 1921 and 1937. Aerial photographs from 1952 depict the majority of the Site, excluding the northwestern corner, was used as agricultural farmland. During this time, the northwestern corner of the parcel was partially vegetated and was developed with a barn or similar structure.

In 1961, the school building was constructed, originally as a high school. Sometime between 1966 and 1980, the northern and southern portions of the building were connected with two additions developed with classrooms. The present-day baseball field to the east of the school and the tennis courts to the west were completed by 1980. The present-day high school building, to the north of the Site, was

constructed in the early 1990s, opening in 1994, when the Site was converted for use as a middle school. By the 1995 aerial photograph, the wetlands located in the southeastern corner of the Site were present.

The property to the north of the Site was used as agricultural fields until sometime between 1966 and 1980 when construction of the present-day primary school was completed. A track and football field were developed in the southeastern corner of that property by 1985. The present-day high school was opened in 1994. The property to the east of the Site was a forested area until sometime between 1995 and 2008 when the present-day Leicester Senior Center was developed. The property to the south of the Site (across Winslow Avenue) was developed with a baseball field by 1952. Topographic maps prior to this date do not include property details. Residential properties to the west of the Site were initially developed around 1935 for the same purpose.

## 4 Federal, State, and Local File Review

Files of Federal, State and local agencies were reviewed for environmentally-related issues pertinent to the subject site and nearby parcels, such as permits, inspection reports, enforcement history or documented releases of hazardous materials. The sources of information listed in the following table were researched to identify properties of concern within distances of the Site specified by ASTM Practice E 1527-13.

Information Source*	Search Distance
Federal Files	
National Priorities List (NPL)	1 mile
Delisted NPL Sites	0.5 mile
Resource Conservation and Recovery Act (RCRA) CORRACTS list (RCRA Site Subject to Corrective Action)	1 mile
Resource Conservation and Recovery Act (RCRA) Treatment, Storage or Disposal Facility (TSDF) List	0.5 mile
Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) List, including No Further Remedial Action Planned (NFRAP) sites	0.5 mile
RCRA Generators List	property and adjoining
RCRA No Longer Regulated (NLR) List	property and adjoining
Federal Institutional / Engineered Control List	property only
Emergency Response and Notification (ERNS) List	property only
State Files	
Hazardous Waste Site List (State sites equivalent to NPL)	1 mile
Hazardous Waste Site List (State sites equivalent to CERCLIS)	0.5 mile
Landfill and Solid Waste Site	0.5 mile
Leaking Underground Storage Tank (LUST) List	0.5 mile

Information Source*	Search Distance
State Voluntary Clean-up or Brownfield Sites	0.5 mile
Oil & Chemical Spills Database	property and adjoining
Registered Underground Storage Tank (UST) List	property and adjoining
State Institutional / Engineered Control List	property only

\*Fuss & O'Neill used Environmental Data Resources (EDR), an environmental database search service, to obtain the information referenced in the above table. EDR provides access to publicly available environmental databases maintained by various Federal, State, and local agencies. A copy of the information provided by EDR relative to the subject site and nearby properties is included in Appendix D. The listed information sources are defined and described in detail in the EDR report.

## 4.1 Summary of Regulatory Database Information

The environmental databases provided the following information for the Site:

- Leicester Middle School – The Site is associated with RTN 2-20320 for a release of #2 fuel oil in September 2017. Remediation activities were conducted and a Permanent Solution with No Conditions (PSNC) was submitted to MassDEP in November 2017. Additional information regarding the RTN can be found in Section 4.2. The Site is also included in the asbestos database for boiler room abatement activities conducted in 2007.

Several properties were identified in the environmental databases within the minimum search radii required by ASTM Practice 1527-13, detailed below:

- Leicester High School, 174 Paxton Street – Located directly to the north of the Site, this property is listed in the AST database for one 10,000-gallon fuel oil AST. The property is associated with RTNs 2-11039 and 2-17553. RTN 2-11039 occurred in December 1995 when a driver mistook a monitoring well for a UST fill pipe. Approximately 170 gallons of petroleum-impacted groundwater was pumped and disposed<sup>2</sup>. The RTN was closed in October 1996 with a Class A-1 RAO, indicating that concentrations were reduced to background levels. RTN 2-17553 was issued for an approximately 50-gallon release of #2 fuel oil from a UST in June 2009. A Class A-2 RAO was submitted in October 2009, stating that contamination has not been reduced to background levels, but that a permanent solution and a Condition of No Significant Risk were achieved. Additional information regarding the RTNs can be found in Section 4.2

<sup>2</sup> Immediate Response Action Completion and Response Action Outcome Statement, RTN 2-11039, Leicester High School, prepared by Corporate Environmental Advisors, Inc., September 1996.

- Crook Residence, 22 Deer Pond Road – This residential property, located approximately 500 feet to the south of the Site, is associated with RTN 2-19883 for a release from an AST. A PSNC was submitted to MassDEP, stating that background concentrations were achieved. Due to the distance of this property from the Site and successful clean-up, it is not considered a REC.

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## 4.2 State File Review

Fuss & O'Neill reviewed files available from the MassDEP online file viewer to identify files applicable to the Site and adjoining properties. Files for the Site were available from the MassDEP online file viewer are discussed below. Copies of pertinent files are presented in Appendix E.

- RTN 2-20320, Leicester Middle School - In September 2017 a release of approximately 30-gallons of #2 fuel oil occurred at the Site and the RTN was issued<sup>3</sup>. A day tank located within the Site's boiler room for the backup generator became over pressurized and #2 fuel oil exited the tank through the vent stack, located adjacent to the northern exterior wall of the building. The fuel oil then migrated from the stack across the paved parking lot to the north of the building. Catch basins, storm drains, and surface water was not impacted. Following clean-up, a total of ten 55-gallon drums containing oily sorbents and approximately 36.7 tons of petroleum-impacted soil were removed and disposed of. Through confirmation sampling, OMNI determined that the majority of impacted soil had been removed and concentrations were below Method 1 standards, indicating that a level of no significant risk exists to human health or the environment. The RTN was closed with a PSNC.
- RTN 2-17553, Leicester High School – In June 2009, approximately 50-gallons of #2 fuel oil was released from a UST fill port after filling.<sup>6</sup> Fuel oil flowed across the paved parking lot into a nearby catch basin that discharged into the detention pond in the southeastern portion of the Site. Absorbents and sand were used to clean up the spill and stored in a 10 cubic-yard roll-off container. Impacted water was trapped in the catch basin discharge pipe due to high water levels in the retention pond. Booms and skimmers were deployed to collect the oil and impacted water. Surface water samples were collected from the detention pond and results showed that the pond was not at risk of impacting nearby water supply wells. In August 2009, a total of 6.35 tons of impacted soil was excavated from around the detention pond and confirmatory soil samples were below applicable standards. A Class A-2 RAO was submitted stating that a Condition of No Significant Risk existed at the site but that background was not achieved.

The three historical releases each achieved either a Class A RAO (redefined in 2014 to be considered PSNCs) or PSNC status, indicating that in each case, these releases were managed to a Condition of No Significant Risk in accordance with the MCP. In accordance with ASTM E1527-13, these spills would be

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<sup>3</sup> Immediate Response Action Outcome Report and Permanent Solution with No Conditions Statement, RTN 2-20320, Leicester Middle School, prepared by OMNI Environmental Group, November 2017.

<sup>6</sup> Immediate Response Action Outcome Completion Statement A-2 Response Action Outcome Report, Leicester High School, RTN 2-17553, prepared by Response Environmental, Inc., October 2009.

considered to have been addressed to the satisfaction of the applicable regulatory authority and meeting unrestricted use criteria, and therefore would be considered "Historical" RECs (HRECs).

### 4.3 Local File Review

The following record of ownership for the Site was obtained from records maintained by the Town Tax Assessor's office and the Worcester County Registry of Deeds online database. Note that this review does not constitute a full title search.

Parcel 15-A14-0:

Date	Book/Page	Grantor	Grantee
3/02/2016	55010/29	NA	NA*
3/02/2016	55010/28	NA	NA**
2/26/2016	55010/27	NA	NA***
11/21/1959	4069/251	Hyland William	Town of Leicester

Notes: \*: Agreement for Right of First Refusal

\*\*: Letter from the Town Clerk.

\*\*\*: Certificate of Vote

The February 2016 Certificate of Vote summarized that the Board of Trustees of Becker College voted to enter into an agreement with the Town, granting Becker College the first refusal to purchase the Site. On March 2, 2016, a letter from the Town Clerk was filled and stated that the Town accepted a deed from Becker College in exchange for the right of first refusal if the Site were to be sold.

Files and personnel at the City offices of the City Tax Assessor's, Building Department, Health Department, Planning/Inspectional Services, Conservation Commission, and Fire Department were queried regarding environmental concerns at the Site and surrounding properties. The Building Department, Health Department, Planning/Inspectional Services, and Conservation Commission did not have any files for the Site. Files obtained from the Fire Department included RTN documents obtained from the MassDEP database and associated remediation invoices.

As part of this assessment, Ms. Heidi Keller of Fuss & O'Neill interviewed Captain Michael Wilson of the Leicester Fire Department by phone. Captain Wilson stated that he did not have any knowledge of any releases or threatened releases of hazardous substances at the Site other than the RTNs associated with the Site and the Leicester High School.

## 5 User-Provided Information

ASTM Practice E 1527-13 describes certain tasks to be performed by the user of this assessment that will help to identify RECs at the Site if they exist. ASTM Practice 1527-13 defines the user as "the party

seeking to use Practice E 1527 to complete an environmental site assessment of the property.” Users can include a potential purchaser or tenant of the Site, a lender, a property manager, or a Site owner.

A User Questionnaire was provided to Finegold (the Client). A completed form was not returned at report publication.

Note that the Federal All Appropriate Inquiry Rule recommends that the user provide certain information to the environmental professional. However, the rule does not require that the information be provided. In the event the information is not provided, the environmental professional is instructed to consider the lack of information as a data gap and evaluate the significance of the data gap. Therefore, the lack of user provided information is considered a data gap and is addressed in further detail in Section 7.1

## 6 Site Reconnaissance and Interviews

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### 6.1 Site Manager Interview

A questionnaire was given to Mr. Marvin Salguero to distribute to someone in the building maintenance department that is familiar with the Site. Mr. Salguero has been working at the Site for less than a year and was not familiar enough with the Site history to complete the form. A completed questionnaire has not been received at the time of report publication and is considered a data gap.

### 6.2 Site Reconnaissance

The Site reconnaissance was conducted on March 6, 2019 by Ms. Heidi Keller of Fuss & O'Neill. Site grounds were not observed during this inspection due to snow coverage, which is considered a data gap, detailed in Section 7.2. Photographs taken during the Site inspection are presented in Appendix F.

#### Site Description

The Site consists of an approximately 20.4-acre parcel developed with a one-story building used as a middle school. Since classes were in session, classrooms and student-occupied spaces were not inspected. However, Mr. Marvin Salguero, a Site custodian, stated that hazardous material is not stored in any of the classrooms.

A grease trap is located in the kitchen. According to the cafeteria workers, the trap is cleaned approximately two times a year. A room off of the kitchen and cafeteria was used by the maintenance department as storage space for office supplies and cleaning products. The science teacher that manages laboratory chemicals stated that all flammable chemicals are stored in the maintenance department flammable cabinet. Chemicals that are stored in the laboratory classrooms are not flammable or hazardous. The maintenance department storage space abutted the maintenance garage, which stored grounds equipment such as tractors, lawn mowers, snow blowers, gasoline/oil, and athletic field paint. A floor drain was observed near the garage door, but the discharge location was not identified. Floor staining or evidence of discharge running to the floor drain was not observed.

The boiler system occupied two adjacent rooms, marked on a map of the school as the “custodial office” and “boiler room.” Two unwrapped furnace systems were located in the custodial office, and one wrapped furnace system was located in the boiler room. The wrapped furnace was marked with an asbestos warning sign. The remainder of the room was used as general storage for equipment repair materials, folding chairs, floor buffers, etc.

## Grounds

A two-car garage used as a storage space for road salt was located in the northeastern corner of the school building parking lot. The garage door was open approximately a quarter of the way, allowing for some of the salt to spill onto the pavement. A barrier or containment system was not in place to contain the salt.

The 10,000-gallon AST was located along the northern exterior wall of the building, near the boiler rooms. The tank was located within a secondary containment system. Staining was not observed around the tank or within the containment system; however, observations were limited due to snow coverage.

A driveway leading to the high school was located along the northern perimeter of the building parking lot. The athletic fields within the school complex were not viewed during this inspection due to snow coverage.

The wetlands in the southeastern corner of the Site were snow covered and appeared to be frozen at the time of inspection.

## 7 Data Gaps, Findings and Conclusions

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### 7.1 Data Gaps

Standard Practice E 1527-13 requires the identification and evaluation of data gaps, which are defined as a lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information.

As noted above, completed Owner and User/Key Site Manager Questionnaires was not obtained by the time of report publication. Additionally, portions of the Site grounds were not visible during the site inspection due to snow coverage.

### 7.2 Findings and Conclusions

Fuss & O'Neill, Inc. prepared this Phase I ESA report in general conformance with the scope and limitations of ASTM Practice E 1527-13. Any exceptions to, or deletions from, this practice are described in Appendix A of this report.



### 7.2.1 RECs

This assessment has revealed no evidence of RECs in connection with the Site.

Although not considered an REC, a floor drain was observed on the garage floor of the maintenance department. Lawn equipment and repair supplies (e.g. oil, petroleum, etc.) were stored in the garage. Staining on the garage floor or evidence of discharge flowing into the drain was not observed, eliminating a potential migration pathway. The discharge location of this floor drain should be located.

#### Historical RECs

ASTM 1527-13 defines historical RECs (HRECs) as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., property use restrictions, AULs, institutional controls, or engineering controls). The following HRECs associated with the Site were identified:

- RTN 2-20320 – The RTN was issued in September 2017 following the release of approximately 30-gallons of #2 fuel oil when a day tank within the Site's boiler room for the backup generator became over pressurized.<sup>7</sup> Through confirmation sampling, the environmental consultant determined that the majority of impacted soil had been excavated and disposed of, and concentrations were below Method 1 standards, indicating that a level of no significant risk exists to human health or the environment. The RTN was closed with a Permanent Solution with No Conditions.
- RTN 2-17553 – In June 2009 a fuel release occurred at the Leicester High School, located to the north of the Site. Fuel oil from the release flowed into a catch basin that discharged into the on-Site detention pond located in the southeastern corner. Surface water samples were collected from the detention pond and results showed that the pond was not at risk of impacting nearby water supply wells. A total of 6.35 tons of impacted soil was excavated from around the detention pond and confirmatory soil samples were below applicable standards. A Class A-2 RAO was submitted stating that a Condition of No Significant Risk existed at the site but that background was not achieved.

#### Controlled RECs

ASTM 1527-13 defines controlled CRECs (CRECs) as an REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (e.g., as evidenced by the issuance of a "No Further Action" letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property

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<sup>7</sup> Immediate Response Action Outcome Report and Permanent Solution with No Conditions Statement, RTN 2-20320, Leicester Middle School, prepared by OMNI Environmental Group, November 2017.

use restrictions, AULs, institutional controls, or engineering controls). No CRECs were identified in connection with the Site.

### 7.2.2 Adjoining Properties

As discussed in Sections 4.2 and 7.2.1, the Leicester High School to the north of the Site is associated with RTNs 2-11039 and 17553. Both RTNs were closed with a Class A RAO indicating that the releases were remediated to a condition of No Significant Risk, although background levels may have not been achieved. Therefore, the RTNs do not pose a potential environmental threat to the Site.

### 7.2.3 Appropriateness of Investigations

Fuss & O'Neill has followed the guidelines described in ASTM E1527-13 to identify the RECs at this Site in a manner consistent with standard practice in the industry. However, as indicated in the ASTM standard, "No environmental site assessment can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property, and the practice recognizes reasonable limits of time and cost."

In accordance with Section 12.6.1 of ASTM Standard Practice E 1527-13, the appropriateness of additional investigations necessary to determine the presence or absence of identified RECs was evaluated. Based on the opinion of the Environmental Professional, no additional investigations are necessary to confirm that the conditions specified in Section 7.2.1 are RECs in accordance with ASTM standards.

### 7.2.4 Results of Non-ASTM Scope Investigations

Unless otherwise stated in this report, assessments for asbestos containing materials, lead-based paint or plumbing materials, radon gas, and mold were not conducted. Furthermore, we did not specifically investigate the potential for the Site to contain wetlands, endangered species, ecological resources or historic/cultural resources. These items would likely present little risk to subsurface conditions and would not result in the identification of RECs; however, they could be liabilities especially during construction, renovation, or demolition projects. Additionally, environmental compliance or permitting issues were not considered during this investigation.

## 8 References

American Society for Testing and Materials, 2013, Standard Practice for Environmental Site Assessments; Phase I Environmental Site Assessment Process: ASTM Practice E 1527-13.

CEA, 1996. Immediate Response Action Completion Response Action Outcome Statement, RTN 2-11039, Leicester High School, prepared by Corporate Environmental Advisors, Inc., September 1996.

FEMA, Flood Map Service Center, Map 25027C059E, effective July 4, 2011; via <https://msc.fema.gov/portal>, accessed March 2019.

Massachusetts Department of Environmental Protection, 2014, 310 CMR 40.0000: Massachusetts Contingency Plan.

Massachusetts Department of Environmental Protection, 2007, 314 CMR 4.00: Surface Water Quality Standards.

Office of Geographic Information, Commonwealth of Massachusetts, Information Technology Division (MassGIS), via [http://maps.massgis.state.ma.us/map\\_ol/oliver.php](http://maps.massgis.state.ma.us/map_ol/oliver.php), accessed March 2019.

OMNI, 2017. Immediate Response Action Completion Report and Permanent Solution with No Conditions Statement, RTN 2-20320, Leicester Middle School, prepared by OMNI Environmental Group, November 2017.

Response Environmental Inc., 2009. Immediate Response Action Completion Statement A-2 Response Action Outcome Report, RTN 2-17553, Leicester High School, prepared by Response Environmental, Inc., October 2009.

USGS, 1985. Paxton Quadrangle, Massachusetts, 7.5-Minute Series Topographic Map; United States Department of the Interior, U.S. Geological Survey, 1985.

USDA, United States Department of Agriculture, Natural Resources Conservation Services Soil Survey Geographic (SSURGO) Data Base, accessed March 2019.

Zen, Ean, 1983. Bedrock Geologic Map of Massachusetts; United State Department of the Interior, U.S. Geological Survey, in cooperation with the Commonwealth of Massachusetts Department of Public Works and Joseph A. Sinnot, State Geologist.

## 9 Limitations of Work Product

This document was prepared for the sole use of Finegold Alexander Architects (the Client), the only intended beneficiaries of our work. Those who may use or rely upon the report and the services (here-after "work product") performed by Fuss & O'Neill, Inc. and/or its subsidiaries or independent professional associates, subconsultants and subcontractors (collectively the "Consultant") expressly accept the work product upon the following specific conditions.

1. Consultant represents that it prepared the work product in accordance with the professional and industry standards prevailing at the time such services were rendered.
2. The work product may contain information that is time sensitive. The work product was prepared by Consultant subject to the particular scope limitations, budgetary and time constraints and business objectives of the Client which are detailed therein or in the contract between Consultant and Client. Changes in use, tenants, work practices, storage, Federal, state or local laws, rules or regulations may affect the work product.
3. The observations described and upon which the work product was based were made under the conditions stated therein. Any conclusions presented in the work product were based solely upon the services described therein, and not on scientific or engineering tasks or procedures beyond the scope of described services.
4. In preparing its work product, Consultant may have relied on certain information provided by state and local officials and information and representations made by other parties referenced therein, and on information contained in the files of state and/or local agencies made available at the time of the project. To the extent that such files which may affect the conclusions of the work product are missing, incomplete, inaccurate or not provided, Consultant is not responsible. Although there may have been some degree of overlap in the information provided by these various sources, Consultant did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this project. Consultant assumes no responsibility or liability to discover or determine any defects in such information which could result in failure to identify contamination or other defect in, at or near the site. Unless specifically stated in the work product, Consultant assumes no responsibility or liability for the accuracy of drawings and reports obtained, received or reviewed.
5. If the purpose of this project was to assess the physical characteristics of the subject site with respect to the presence in the environment of hazardous substances, waste or petroleum and chemical products and wastes as defined in the work product, unless otherwise noted, no specific attempt was made to check the compliance of present or past owners or operators of the subject site with Federal, state, or local laws and regulations, environmental or otherwise.
6. If water level readings have been made, these observations were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in

water levels may occur due to variations in rainfall, passage of time and other factors and such fluctuations may affect the conclusions and recommendations presented herein.

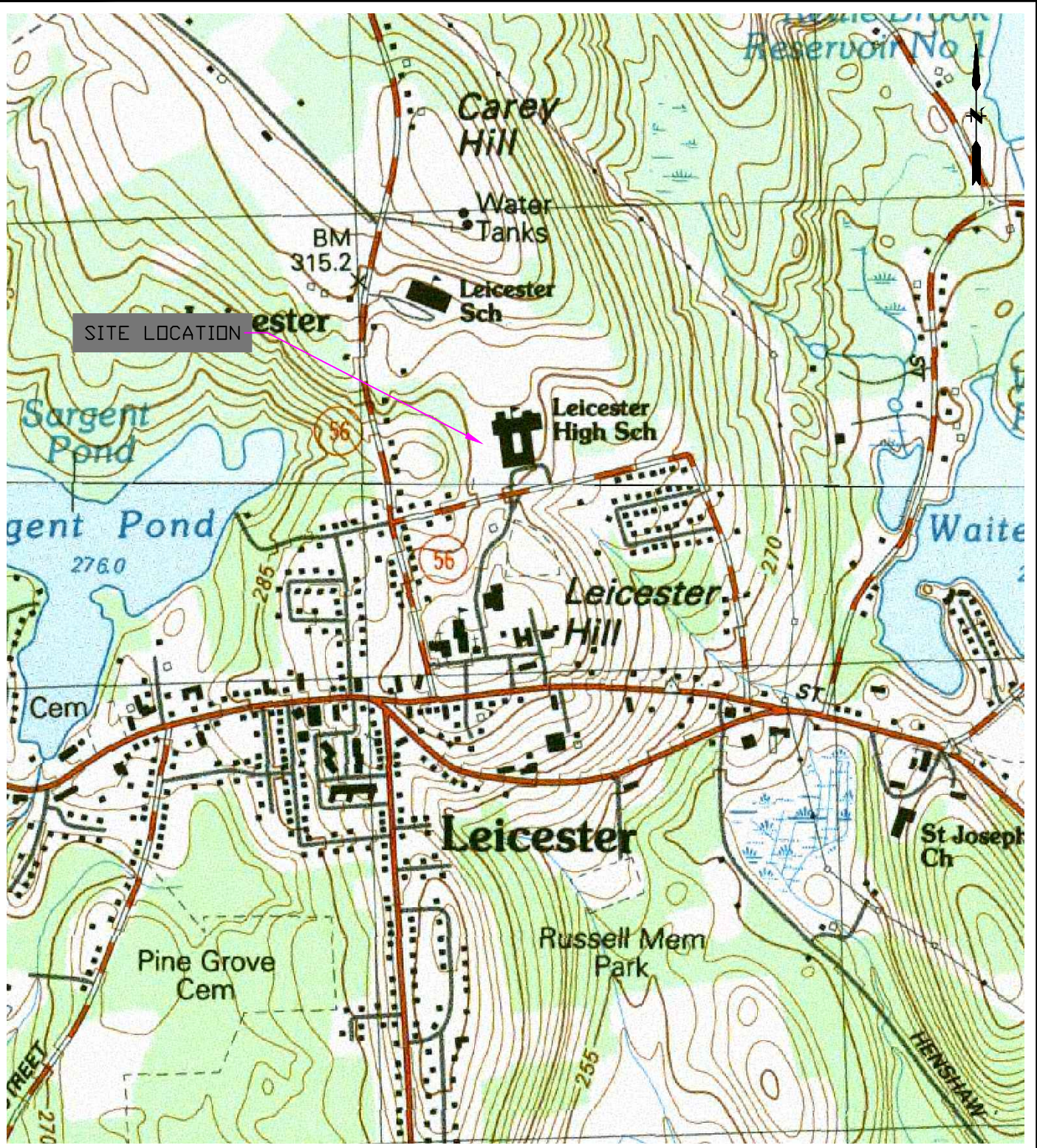
7. Except as noted in the work product, no quantitative laboratory testing was performed as part of the project. Where such analyses have been conducted by an outside laboratory, Consultant has relied upon the data provided and, unless otherwise described in the work product, has not conducted an independent evaluation of the reliability of these tests.
8. If the conclusions and recommendations contained in the work product are based, in part, upon various types of chemical data, then the conclusions and recommendations are contingent upon the validity of such data. These data (if obtained) have been reviewed and interpretations made by Consultant. If indicated in the work product, some of these data may be preliminary or 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.
9. Chemical analyses may have been performed for specific parameters during the course of this project, as described in the work product. However, it should be noted that additional chemical constituents not included in the analyses conducted for the project may be present in soil, groundwater, surface water, sediments or building materials at the subject site.
10. Ownership and property interests of all documents, including reports, electronic media, drawings and specifications, prepared or furnished by Consultant pursuant to this project are subject to the terms and conditions specified in the contract between the Consultant and Client, whether or not the project is completed.
11. Unless otherwise specifically noted in the work product or a requirement of the contract between the Consultant and Client, any reuse, modification or disbursement of documents to third parties will be at the sole risk of the third party and without liability or legal exposure to Consultant.
12. In the event that any questions arise with respect to the scope or meaning of Consultant's work product, immediately contact Consultant for clarification, explanation or to update the work product. In addition, Consultant has the right to verify, at the party's expense, the accuracy of the information contained in the work product, as deemed necessary by Consultant, based upon the passage of time or other material change in conditions since conducting the work.

Any use of or reliance on the work product shall constitute acceptance of the terms hereof.

## Figures

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File Path: J:\DWG\2018\1089A\10\Environmental\Plan\20181089A10\_LOC01.dwg Layout: 08.5X11-P Plotted: Wed, March 13, 2019 - 8:46 AM User: hkeller  
 Plotter: AUTOCAD PDF (GENERAL DOCUMENTATION).PC3 CTB File: FO.STB  
 LAYER STATE:



**MAP REFERENCE**

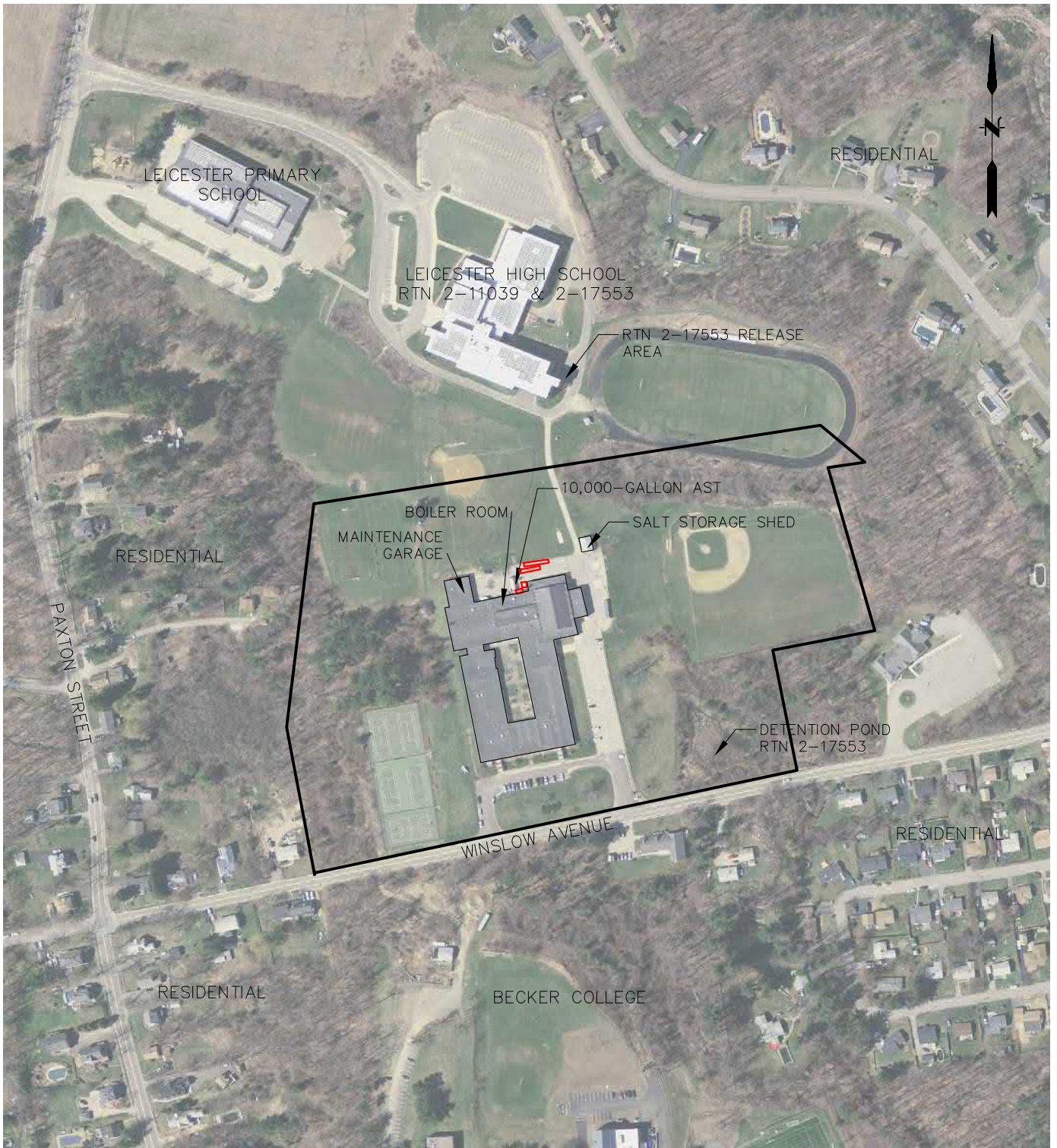
THIS MAP WAS PREPARED FROM USGS TOPOGRAPHIC QUADRANGLE IMAGES  
 SOURCE: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS  
 EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS

<b>SCALE:</b>	
HORZ.:	1" = 500'
VERT.:	
<b>DATUM:</b>	
HORZ.:	
VERT.:	
<b>GRAPHIC SCALE</b>	

**FUSS & O'NEILL**  
 108 MYRTLE STREET, SUITE 502  
 QUINCY, MA 02171  
 617.282.4675  
 www.fando.com

FINEGOLD ALEXANDER ARCHITECTS  
 SITE LOCATION MAP  
 LEICESTER MIDDLE SCHOOL  
 70 WINSLOW AVENUE  
 LEICESTER MASSACHUSETTS



PROJ. No.: 20181089.A10  
 DATE: MARCH 2019  
**FIGURE 1**




**MAP REFERENCE**

THIS MAP WAS PREPARED FROM USGS ORTHOPHOTOGRAPHY, ©2013 MASSGIS,  
 SOURCE: OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS),  
 COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS  
 SITE BOUNDARY WAS AN ESTIMATE BASED ON MASSGIS DATA AND AN ALTA  
 SURVEY BY BL COMPANIES IN SEPTEMBER 2016.

**LEGEND**

-  SITE BOUNDARY
-  EXCAVATED AREAS FOR RTN 2-20320

<b>SCALE:</b>	
HORZ.:	1" = 150'
VERT.:	
<b>DATUM:</b>	
HORZ.:	
VERT.:	
	
GRAPHIC SCALE	



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FINEGOLD ALEXANDER ARCHITECTS

**SITE PLAN**

LEICESTER MIDDLE SCHOOL  
 70 WINSLOW AVENUE

LEICESTER MASSACHUSETTS

PROJ. No.: 20190241.A10  
 DATE: MARCH 2019

**FIGURE 2**



## Appendix A

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### Scope of Work and Restrictions

## ALL APPROPRIATE INQUIRY PHASE I ESA SCOPE OF WORK

Fuss & O'Neill uses Standard Practice E 1527-13 as general standard for conducting Phase I ESAs. For consistency, this scope of work is generally presented based on the outline of our standard Phase I ESA report. The descriptions of the procedures and sources for obtaining the information for each section follow the section headings. As specified by Standard Practice E 1527-13, the scope of work described below allows for use of professional judgment to determine the extent to which specific sources are reviewed.

Unless otherwise specified, the following items are not considered in the course of completing an ASTM E 1527-13 Phase I ESA:

- Asbestos, Lead (paint/plumbing), Radon, Mold, Fluorescent Light Ballasts
- Wetlands, Ecological Resources, Historical/Cultural Resources
- Regulatory and Health & Safety Compliance
- Endangered species

These items typically present little environmental risk to the grounds of a site; however, these items may be liabilities during property transfer, regulatory audits, construction, renovation, or demolition projects.

### 1.0 Introduction

The objective of the ESA and the party that this ESA was conducted for are identified in this section.

### 2.0 Site Overview

#### 2.1 Site Information

##### 2.1.1 Property Location, Size of Parcel, and Site Plan

Review of USGS topographic maps, local assessor and zoning maps and property description cards, field observations and sketches, and, if available, plans provided by a contact for the subject site. A site plan is included that is derived from these sources.

##### 2.1.2 Potable Water Supply and Sewage Disposal

Query the local Department of Public Works, local Engineering Department, appropriate local utilities, and/or other local municipal sources and/or a knowledgeable site contact.

##### 2.1.3 Adjoining Land Use

Site reconnaissance and assessor's mapping.

#### 2.2 Physical Setting of Site

##### 2.2.1 Geologic and Physiographic Setting

Site reconnaissance, USGS topographic maps, and available geological maps.

##### 2.2.2 Groundwater

Site reconnaissance, USGS topographic maps, and 310 CMR 40.0000 (the Massachusetts Contingency Plan).

##### 2.2.3 Surface Water

Site reconnaissance, USGS topographic maps, and 314 CMR 4.00 (MassDEP Surface Water Quality Standards).

##### 2.2.4 Location of Public Water Supply Sources

Site reconnaissance and mapping available in local departments queried as part of the ESA.

#### 2.3 Previous Environmental Investigations

Provided by the appropriate site contact or identified by other means during the course of conducting the ESA.

### 3.0 Site History

Site reconnaissance, knowledgeable site contacts, aerial photographs available from MassGIS, Sanborn fire insurance maps and street directories provided by an environmental database search service (note that street directories are reviewed at approximately five year intervals, but may be reviewed at smaller intervals for multi-tenant properties), and local municipal sources (local municipal Building Department, Engineering Department, Planning and Zoning Department, Health Department, and Fire Marshal).

### 4.0 Federal, State, and Local File Review

#### 4.1 Summary of Regulatory Database Information

Regulatory databases specified by Standard Practice E 1527-13 are reviewed using an environmental database search service.

The report provided by the environmental database search service is reviewed in detail. Sites that are inferred to present a significant risk to adversely impact the subject site are identified and explained within the ESA report. However, sites inferred to pose little risk to adversely impact the subject site are disclaimed within the attached environmental database search report.

#### 4.2 MassDEP File Review

Limited MassDEP file information is provided for the subject site and nearby properties in an environmental database search report. Reviews of files located at MassDEP Regional offices are not conducted unless specifically requested.

If a file review is to be conducted, files for the subject site and/or nearby properties are requested from the appropriate MassDEP Regional office. If available, these files are reviewed for pertinent information, which is either copied or noted.

#### 4.3 Local File Review

Files for the local municipal Tax Assessor, Building Department, Planning and Zoning Department, Health Department, and Fire Marshal are reviewed.

### 5.0 User Provided Information

Information provided by the user as required by the practice is discussed in this section

### 6.0 Site Reconnaissance, Interviews and Non-Scope Considerations

Field observations the results of required interviews are discussed in this section. In addition, surveys conducted to identify non-scope considerations are addressed.

### 7.0 Data Gaps, Findings and Conclusions

Data gaps relevant to the identification of recognized environmental conditions are discussed. In addition, recognized environmental conditions are summarized in this section as well as recommendations for further investigation, if appropriate.

### 8.0 References

References used as part of the ESA are presented here.

### RESTRICTIONS: EXCEPTIONS TO OR DELETIONS FROM THE SCOPE OF WORK

- A Key Site Manager/Owner and User Questionnaire were not obtained at the time of report publication.
- The Site grounds were snow-covered during the inspection and were not observed during the reconnaissance.

## Appendix B

---

### Qualifications of Environmental Professionals



## Qualifications of Environmental Professionals and Staff Scientists and Engineers

### Environmental Professionals

Employee	Title	Education	Years Experience	Licenses
Timothy J. Clinton	Senior Hydrogeologist	BS Geology MS Environmental Geochemistry	12	CPG, LSP
Daniel C. LaFrance	Senior Environmental Engineer	BS Civil Engineering MS Environmental Engineering	9	PE, LSP

### Staff Scientists and Engineers

Employee	Title	Education	Years Experience	Licenses
Heidi J. Keller	Hydrogeologist	BA Geology	4	Asbestos Consultant

BS: Bachelor of Science  
 BA: Bachelor of Arts  
 PE: Professional Engineer (RI, MA and/or NH)

CPG: Certified Professional Geologist  
 LSP: Licensed Site Professional (Massachusetts)  
 GNU-A: Accredited Member – Congress for the New Urbanism

PG: Professional Geologist (New Hampshire)  
 MA: Master of Arts  
 EIT: Engineer in Training

MS: Master of Science  
 MA: Master of Arts  
 EIT: Engineer in Training

## Appendix C

---

### Town of Leicester File Information



# Unofficial Property Record Card - Leicester, MA

## General Property Data

Parcel ID **15 A14 0**  
 Prior Parcel ID **-**  
 Property Owner **TOWN OF LEICESTER MIDDLE SCHOOL**  
 Mailing Address **3 WASHBURN SQUARE**  
 City **LEICESTER**  
 Mailing State **MA** Zip **01524**  
 ParcelZoning **R2**

Account Number  
 Property Location **70 WINSLOW AV**  
 Property Use **IMPROVED ED**  
 Most Recent Sale Date **11/2/1959**  
 Legal Reference **4069-251**  
 Grantor **HYLAND WILLIAM**  
 Sale Price **0**  
 Land Area **20,440 acres**

## Current Property Assessment

Card 1 Value Building Value **7,761,500** Xtra Features Value **43,300** Land Value **106,800** Total Value **7,911,600**

## Building Description

Building Style **SCHOOL**  
 # of Living Units **1**  
 Year Built **1950**  
 Building Grade **AVERAGE**  
 Building Condition **Average**  
 Finished Area (SF) **76586**  
 Number Rooms **0**  
 # of 3/4 Baths **0**

Foundation Type **CONCRETE**  
 Frame Type **WOOD**  
 Roof Structure **FLAT**  
 Roof Cover **TAR+GRAVEL**  
 Siding **AVERAGE**  
 Interior Walls **AVERAGE**  
 # of Bedrooms **0**  
 # of 1/2 Baths **0**

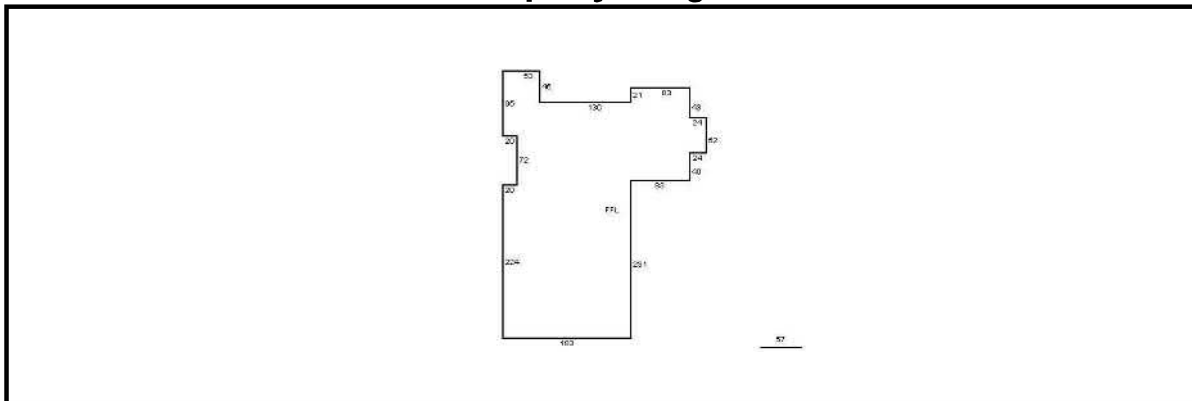
Flooring Type **AVERAGE**  
 Basement Floor **N/A**  
 Heating Type **FORCED H/W**  
 Heating Fuel **OIL**  
 Air Conditioning **0%**  
 # of Bsmt Garages **0**  
 # of Full Baths **0**  
 # of Other Fixtures **2**

## Legal Description

## Narrative Description of Property

This property contains 20.440 acres of land mainly classified as IMPROVED ED with a(n) SCHOOL style building, built about 1950 , having AVERAGE exterior and TAR+GRAVEL roof cover, with 1 unit(s), 0 room(s), 0 bedroom(s), 0 bath(s), 0 half bath(s).

## Property Images



Disclaimer: This information is believed to be correct but is subject to change and is not warranted.



2016 00021757

Bk: 55010 Pg: 29

Page: 1 of 8 03/02/2016 01:58 PM WD

**Record and Return to:**

Brian R. Falk, Esq.  
Mirick O'Connell  
100 Front Street  
Worcester, MA 01608

*This space reserved for Recorder's use only*

**AGREEMENT FOR RIGHT OF FIRST REFUSAL**

**Marginal Reference Requested to:**

**Book 2469, Page 346; Book 2729, Page 598;**

**Book 4057, Page 439; Book 4069, Page 251; Book 4074, Page 215 and Book 4074, Page 220**

As used in this Agreement for Right of First Refusal (this "Agreement") dated March 1, 2016, the following terms shall have the following meanings:

**OWNER AND ADDRESS:** **INHABITANTS OF THE TOWN OF LEICESTER**, acting by and through its Board of Selectmen, having a usual place of business located at 3 Washburn Square, Leicester, Massachusetts 01524.

**OFFEREE AND ADDRESS:** **BECKER COLLEGE**, a corporation duly established under the laws of the Commonwealth of Massachusetts having a principal place of business located at 61 Sever Street, Worcester, Massachusetts 01609.

**PREMISES:** The "Premises" consist of (i) the land with the buildings thereon situated located at 3 Washburn Square, Leicester, Massachusetts, identified on the Town of Leicester Assessor's Map 20A as Parcel B13, described in a deed recorded with the Worcester District Registry of Deeds (the "Registry") in Book 2469, Page 346, and Book 2729, Page 598, and commonly known as the Town Hall property; and (ii) the land with the buildings thereon situated located at 70 Winslow Avenue, Leicester, Massachusetts, identified on the Town of Leicester Assessor's Map 15 as Parcel A14, described in a deed recorded with the Registry in Book 4057, Page 439, Book 4069, Page 251, Book 4074, Page 215 and Book 4074, Page 220, and commonly known as the Middle School property.

**PERIOD OF THIS AGREEMENT:** Twenty (20) years from the date of recording of this Agreement.

**PROPOSED** The offeror or purchaser under an "Offer to Purchase", as hereinafter

Property addresses: 3 Washburn Square, Leicester, Massachusetts, and 70 Winslow Avenue, Leicester, Massachusetts

8



**PURCHASER:** defined.

**OFFER TO PURCHASE:** A bona fide, binding written offer to purchase the Premises, or any portion thereof, which identifies the Proposed Purchaser and which Owner has accepted subject to this Agreement.

**NOTICE:** Written notice given in accordance with Paragraph 12 below.

**BUSINESS DAY(S):** Any day other than a Saturday, Sunday or official Federal or Commonwealth of Massachusetts holiday.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, Owner hereby grants Offeree a right of first refusal with respect to the Premises (the "Right of First Refusal"), on the following terms and conditions:

1. Owner shall not, at any time during the Period of this Agreement, in any manner convey or transfer title to the Premises, or any portion thereof, except in accordance with all of the terms and conditions contained in this Agreement. Nothing herein shall prohibit the Owner from granting easements, liens or terminable licenses in the Premises necessary to accommodate the circumstances and interests of the Owner; provided however, that with the exception of easements for utilities and such other easements given or reserved to other departments and entities of the Owner or to public water and sewer districts, easements granted in the Premises following the recording of this Agreement shall terminate upon Offeree's purchase of the Premises.
2. At least fourteen (14) days prior to the date of any Leicester Town Meeting with a warrant article seeking authorization to sell the Premises, or any portion thereof, Owner shall give Notice to Offeree of such warrant article.
3. Upon the issuance by Owner of any request for proposals to purchase the Premises, or any portion thereof (an "RFP"), Owner shall give Notice to Offeree of such RFP.
4. Any RFP issued by Owner shall notify prospective offerors of this Agreement and that Offeree's Right of First Refusal authorizes Offeree to purchase the Premises, or any portion thereof, upon the same terms and conditions set forth in an Offer to Purchase resulting from the RFP, provided, however, that Offeree shall not be subject to any qualifications criteria or land use restrictions set forth in an RFP, subject to Paragraph 7 hereof.
5. Offeree's rights under this Agreement shall remain in full force and effect whether or not Offeree submits a proposal pursuant to an RFP. Any proposal submitted by Offeree pursuant to an RFP shall not limit any of Offeree's rights under this Agreement.
6. If during the Period of this Agreement Owner receives and accepts, subject to this Agreement, an Offer to Purchase, pursuant to an RFP or otherwise, Owner shall give Notice thereof to Offeree (an "Offer Notice"), including a copy of the Offer to Purchase, with any exhibits or other documents incorporated therein.

7. Offeree shall have thirty (30) days from the receipt of an Offer Notice in which to give Notice of Offeree's agreement to purchase the Premises, or any portion thereof, on the same terms and conditions as set forth in the Offer to Purchase, provided, however, that notwithstanding such terms and conditions, Offeree shall not be subject to any qualifications criteria or land use restrictions set forth in an RFP and Offeree's use of the Premises shall be for educational purposes only (a "Notice to Owner"). If Offeree gives such Notice to Owner, Owner shall convey good and marketable title to the Premises, or any portion thereof, to Offeree, and shall obtain all necessary approvals from the Leicester Town Meeting and town boards or officers and comply with all legal requirements necessary to convey good and marketable title to the Premises, or any portion thereof, to Offeree. At the option of Offeree, the closing shall occur at the time and place set forth in the Offer to Purchase or at the Registry at 10:00 A.M. thirty (30) days after the mailing of such Notice to Owner, or the next Business Day.
8. If Offeree does not so agree to purchase the Premises, or any portion thereof, within thirty (30) days from the receipt of an Offer Notice (or if Offeree by Notice to Owner earlier waives its right to purchase), Owner shall be free to convey the Premises, or any portion thereof, but only to the Proposed Purchaser, and only on the terms and conditions set forth in the Offer to Purchase.
9. If Offeree does not provide Notice of any kind to Owner within thirty (30) days from the receipt of the Offer Notice, then Owner shall record with the Registry an affidavit stating (i) a conveyance by said Owner is made to a Proposed Purchaser pursuant to an Offer to Purchase, (ii) Owner gave an Offer Notice to Offeree, and (iii) Owner did not receive Notice of any kind from Offeree, and such affidavit shall be conclusive evidence of compliance with the requirements of this Agreement and Owner shall be free to convey the Premises, or any portion thereof, but only to the Proposed Purchaser, and only on the terms and conditions set forth in the Offer to Purchase.
10. If Owner conveys the Premises, or any portion thereof, to a Proposed Purchaser on the terms and conditions set forth in an Offer to Purchase, title to any portion of the remaining Premises shall be subject to this Agreement until such time as either (i) Offeree releases this Agreement by recording such release with the Registry, or (ii) until the Period of this Agreement has terminated.
11. This Agreement shall bind and inure to the benefit of Owner and Offeree and their respective successors and assigns; provided, however, that Offeree shall not assign its rights under this Agreement without the prior written consent of Owner.
12. All Notices, demands, requests, consents, waivers, approvals and other communications pursuant to this Agreement shall be in writing and shall be deemed given upon the hand delivery thereof during business hours provided a receipt is obtained, or on the next Business Day following delivery to an overnight delivery service such as Federal Express or U.S. Postal Service Express Mail, freight charges prepaid, in each case addressed or delivered to the respective parties at their respective addresses set forth in this Agreement (or to such other addresses designated by any party at any time by notice to the other parties in the manner set forth herein).

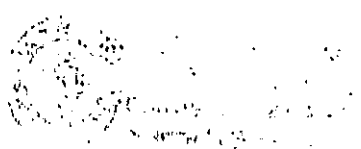
13. If any of the terms of this Agreement or any application thereof shall be invalid or unenforceable, the other provisions and any other application of such provisions shall not be affected thereby; provided, however, that to the extent the conveyance of the Premises, or any portion thereof, to Offeree is prohibited by Chapter 30B of the General Laws, or any other applicable legal requirement, Owner agrees to seek approval from the Leicester Town Meeting to petition the General Court for special legislation authorizing Owner and Offeree to act in accordance with the terms of this Agreement.
14. This Agreement shall be recorded with the Registry.
15. If any obligation to be performed hereunder is to be made or performed on a day other than a Business Day, it shall be deemed to be performed in a timely manner if done on the next succeeding Business Day.
16. The parties acknowledge that Owner determined that the value of this Agreement does not exceed \$35,000.

**[SIGNATURES FOLLOW ON NEXT PAGE]**

IN WITNESS WHEREOF, the parties hereto, intending to be bound hereby, have hereunto set their hands and seals on the day and year first written above.

TOWN OF LEICESTER

By its Board of Selectmen

  
Doug Balaban  
Deanna Brown  
Sanche White  
J.R.Bh

BECKER COLLEGE

By its President

Robert E. Johnson

COMMONWEALTH OF MASSACHUSETTS

Worcester, ss.

On this 2 day of March, 2016, before me the undersigned notary public, personally appeared the above named Board of Selectmen, proved to me through satisfactory means of identification which were MA License to be the person whose name is signed on the preceding or attached instrument and acknowledged that they signed it voluntarily for its stated purpose as members of the Town of Leicester, Board of Selectmen and have authority to sign said document for the Town of Leicester

*Deborah K. Davis*

Notary Public

My commission expires



DEBORAH K. DAVIS  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires Feb. 25, 2022

COMMONWEALTH OF MASSACHUSETTS

Worcester, ss.

On this \_\_\_\_\_ day of \_\_\_\_\_ 2016, before me the undersigned notary public, personally appeared the above named Robert E. Johnson, proved to me through satisfactory means of identification which were \_\_\_\_\_ to be the person whose name is signed on the preceding or attached instrument and acknowledged that he signed it voluntarily for its stated purpose as President of Becker College and has authority to sign said document for Becker College..

\_\_\_\_\_  
Notary Public  
My commission expires:

IN WITNESS WHEREOF, the parties hereto, intending to be bound hereby, have hereunto set their hands and seals on the day and year first written above.

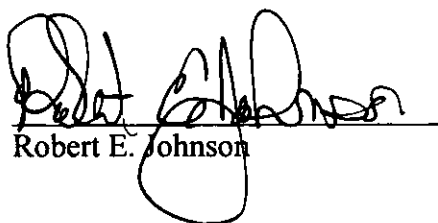
TOWN OF LEICESTER

By its Board of Selectmen

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

BECKER COLLEGE

By its President

  
Robert E. Johnson

COMMONWEALTH OF MASSACHUSETTS

Worcester, ss.

On this \_\_\_\_ day of \_\_\_\_, 2016, before me the undersigned notary public, personally appeared the above named \_\_\_\_\_, proved to me through satisfactory means of identification which were \_\_\_\_\_ to be the person whose name is signed on the preceding or attached instrument and acknowledged that they signed it voluntarily for its stated purpose as members of the Town of Leicester, Board of Selectmen and have authority to sign said document for the Town of Leicester

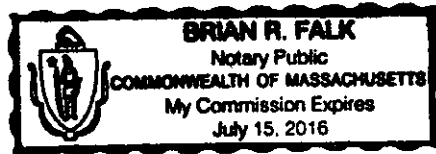
\_\_\_\_\_  
Notary Public  
My commission expires:

COMMONWEALTH OF MASSACHUSETTS

Worcester, ss.

On this 29 day of February 2016, before me the undersigned notary public, personally appeared the above named Robert E. Johnson, proved to me through satisfactory means of identification which were personal knowledge to be the person whose name is signed on the preceding or attached instrument and acknowledged that he signed it voluntarily for its stated purpose as President of Becker College and has authority to sign said document for Becker College..

\_\_\_\_\_  
Notary Public  
My commission expires:





2016 00021755

Bk: 55010 Pg: 27

Page: 1 of 1 03/02/2016 01:58 PM WD

CERTIFICATE OF VOTE

I, John H. Budd, Secretary of the Board of Trustees of Becker College, hereby certify that at a meeting of the Board of Trustees held on February 26, 2016, at which a quorum was present and voting, the Board of Trustees voted as follows:

VOTED to sell the real property located at 3 Paxton Street in Leicester, Massachusetts, for \$1.00, to the Inhabitants of the Town of Leicester, and to authorize Robert E. Johnson, President, and David A. Ellis, Executive Vice President and Chief Financial Officer, acting together or individually, to sign and deliver a deed, to execute all other such documents and instruments, and to take any other actions necessary to carry out the purpose of this vote.

VOTED to enter an agreement with the Inhabitants of the Town of Leicester granting Becker College a right of first refusal to purchase the real property located at 3 Washburn Square in Leicester, Massachusetts and the real property located at 70 Winslow Avenue in Leicester, Massachusetts, and to authorize Robert E. Johnson, President, and David A. Ellis, Executive Vice President and Chief Financial Officer, acting together or individually, to execute any documents and instruments and to take any other actions necessary to carry out the purpose of this vote.

VOTED to enter a parking license agreement with the Town of Leicester granting Becker College parking rights at the property located at 3 Washburn Square in Leicester, Massachusetts, and to authorize Robert E. Johnson, President, and David A. Ellis, Executive Vice President and Chief Financial Officer, acting together or individually, to execute any documents and instruments and to take any other actions necessary to carry out the purpose of this vote.

I further certify that I am the duly elected Secretary of the Board of Trustees of Becker College, that the foregoing votes have not been amended or modified, and that said votes were taken in accordance with the requirements of the By-Laws of Becker College.

WITNESS my hand and the corporate seal of Becker College this 26 day of February, 2016

BECKER COLLEGE

By: John H. Budd  
Name: John H. Budd  
Title: Secretary

RETURN TO: JOSEPH C. COVE, ESQ.

P.O. BOX 390  
{Practice Areas} CORP/22449/00005/A3193390.DOC[Ver.2]}  
UXBRIDGE, MA 01569

ATTEST: WORC. Anthony J. Vigliotti, Register





# Invoice

DATE	INVOICE #
10/27/2017	34147

## NEW ENGLAND DISPOSAL TECHNOLOGIES, INC.

PAID  
11/13/2017

<b>BILL TO</b>
Leicester Public Schools 1078 Main Street Leicester, Massachusetts 01524

<b>SHIP TO</b>
Middle School 70 Winslow Street Leicester, Massachusetts

P.O. NUMBER	TERMS	REP	SHIP
	Net 30	F11	9/29/2017

QUANTITY	DESCRIPTION	PRICE EACH	AMOUNT
	Job #F11-19633		
	Friday, September 29, 2017 (12:00pm-5:30pm)		
3	Hours Supervisor	95.00	285.00
2.5	Hours Supervisor (Overtime)	142.50	356.25
3	Hours Field Technician	68.00	204.00
2.5	Hours Field Technician (Overtime)	102.00	255.00
3	Hours Field Technician	68.00	204.00
2.5	Hours Field Technician (Overtime)	102.00	255.00
1	Day Utility Vehicle (Stake Body)	185.00	185.00
1	Day Utility Vehicle (Stake Body)	185.00	185.00
15	Bags Speedy Dry Absorbent	15.00	225.00
1	Bale Sorbent Pads	85.00	85.00
10	55 Gallon D.O.T. Drums	48.00	480.00
1	Roll Polyethylene Sheeting	95.00	95.00
1	Emergency Response Trailer	450.00	450.00
	Tuesday, October 3, 2017		
8	Hours Site Foreman	78.00	624.00
1	Hour Site Foreman (Overtime)	117.00	117.00
4	Hours Equipment Operator/Driver	70.00	280.00
4	Hours Roll-Off Truck	75.00	300.00
1	Roll-Off Liner - Dropped Container #25076	50.00	50.00

Thank you for your business.	<b>Total</b>
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# Invoice

DATE	INVOICE #
10/27/2017	34147

## NEW ENGLAND DISPOSAL TECHNOLOGIES, INC.

PAID  
11/13/2017

<b>BILL TO</b>
Leicester Public Schools 1078 Main Street Leicester, Massachusetts 01524

<b>SHIP TO</b>
Middle School 70 Winslow Street Leicester, Massachusetts

P.O. NUMBER	TERMS	REP	SHIP
	Net 30	F11	9/29/2017

QUANTITY	DESCRIPTION	PRICE EACH	AMOUNT
8	Hours Equipment Operator/Driver	70.00	560.00
1	Hour Equipment Operator (Overtime)	105.00	105.00
1	Day Bobcat Loader	365.00	365.00
1	10,000 Lb Utility Trailer	115.00	115.00
8	Hours Equipment Operator/Driver	70.00	560.00
1	Hour Equipment Operator (Overtime)	105.00	105.00
1	Day Excavator (Mini)	475.00	475.00
1	10,000 Lb Utility Trailer	115.00	115.00
3	Hours Equipment Operator/Driver	70.00	210.00
0.5	1/2 Day Dump Truck (10 Cubic Yards)	385.00	192.50
1	Day Utility Vehicle (Stake Body)	185.00	185.00
1	Day Vibratory Plate Compactor	150.00	150.00
1	Day Power Broom	85.00	85.00
1	Cut-Off Saw (United Rentals) Cost + 15%	191.07	191.07
1	Crushed Gravel (Bond Construction) Cost + 15%	104.59	104.59
	Tuesday, October 10, 2017		
8	Hours Site Foreman	78.00	624.00
8	Hours Equipment Operator/Driver	70.00	560.00
1	Day Bobcat Loader	365.00	365.00

Thank you for your business.	<b>Total</b>
------------------------------	--------------



# Invoice

DATE	INVOICE #
10/27/2017	34147

## NEW ENGLAND DISPOSAL TECHNOLOGIES, INC.

PAID  
11/13/2017

<b>BILL TO</b>
Leicester Public Schools 1078 Main Street Leicester, Massachusetts 01524

<b>SHIP TO</b>
Middle School 70 Winslow Street Leicester, Massachusetts

P.O. NUMBER	TERMS	REP	SHIP
	Net 30	F11	9/29/2017

QUANTITY	DESCRIPTION	PRICE EACH	AMOUNT
1	10,000 Lb Utility Trailer	115.00	115.00
8	Hours Equipment Operator/Driver	70.00	560.00
1	Day Excavator (Mini)	475.00	475.00
1	10,000 Lb Utility Trailer	115.00	115.00
1	Day Utility Vehicle (Stake Body)	185.00	185.00
1	Day Dump Truck (10 Cubic Yards)	385.00	385.00
1	Roll-Off Liner - Dropped Container #25074	50.00	50.00
1	Day Specialty Tools/Disposable Supplies	150.00	150.00
1	Crushed Gravel (Bond Construction) Cost + 15%	116.54	116.54
1	Crushed Gravel (Pyne Sand) Cost + 15%	76.40	76.40
	Thursday, October 19, 2017 Hazardous Waste Disposal Manifest #017646959JJK		
10	Drums Diesel Fuel, Debris Disposal	150.00	1,500.00
4,000	Pounds Massachusetts State Fee	0.029	116.00
1	Waste Pickup/Transportation Charge	295.00	295.00
29	Days Roll-Off Rental (#25076) 10/3/17-10/31/17	20.00	580.00
22	Days Roll-Off Rental (#25074) 10/10/17-10/31/17	20.00	440.00

Thank you for your business.

**Total** \$14,861.35

Job # 11-19633  
 Day & Date Friday 9/29/17  
 Contact Person James Spiva  
 Telephone 774-696-4890  
 Client Leicester Public Schools  
 Billing Address 1078 Main St  
Leicester, MA  
 Attn: \_\_\_\_\_

Start Time 12<sup>00</sup> Stop Time 5:30  
 Job Location Middle School  
70 Winslow St.  
Leicester, MA  
 Site Contact Person \_\_\_\_\_  
 Phone \_\_\_\_\_

**LABOR:**

NAME	TITLE	ST	OT
<u>Steve Choiniere</u>	Supervisor	<u>3</u>	<u>2.5</u>
<u>Jeff Carter</u>	Foreman	<u>3</u>	<u>2.5</u>
	Field Chemist		
	Eq. Op.		
	Eq. Op.		
	Eq. Op.		
	Eq. Op.		
<u>Les Philippe</u>	Field Technician	<u>3</u>	<u>2.5</u>
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		

**MATERIAL:**

QTY	DESCRIPTION	QTY	DESCRIPTION
	Level B PPE		Roll Off Liner
	Level C PPE		Poly Bags
	Modified Level D PPE		Bags Vermiculite
<u>15</u>	Speedi Dry		5 Gallon Pail
	Sorbent Pads Bale		15 Gallon Drum
<u>1</u>	Sorbent Boom Bale		30 Gallon Drum
	Flex Hose 4" 6"	<u>10</u>	55 Gallon Drum
	Fill Material		Overpack Drum
		<u>1</u>	Poly Sheeting <u>roll</u>

**EQUIPMENT:**

QTY		Fleet#	HRS.
	Service Trucks		
<u>1</u>	Chemist Support Van		
	Box Truck with Liftgate		
<u>1</u>	Dump Truck	<u>922</u>	
	Roll Off Truck		
	Roll Off Truck		
	Roll Off Trailer		
	Roll Off Trailer		
	Roll Off Container #		
	Roll Off Container #		
	Roll Off Container #		
	Roll Off Container #		
	Roll Off Container #		
	Vacuum Tank Truck		
	Vacuum Trailer		
	Tractor		
	Vactor		
	Dump Trailer		
	Lowbed Trailer		
	Bobcat		
	Excavator <input type="checkbox"/> SM <input type="checkbox"/> LG		
	Backhoe		
	Utility Trailer		
	Confined Space Rescue Set		
	Meter <input type="checkbox"/> 4 Gas <input type="checkbox"/> PID		
	Compressor/Blower		
	Sawzall <input type="checkbox"/> Cutoff <input type="checkbox"/>		
	Generator		
	Pressure Washer		
	Demo Hammer		
	Cascade Air Line System		
	Pumps		
<u>1</u>	Emergency Response Trailer		
	Drum Loader		
	Vibrating Compactor		
	Power Broom		
	Miscellaneous Tools & Disposables		
	Police Detail		

**DISPOSAL:**

FACILITY	QTY/DESC.	MANIFEST #
	<u>10X55</u>	
	<u>oily Solid</u>	

**JOB DESCRIPTION:**

Respond to 30gallon diesel spill

Customer Signature: James Spiva Date \_\_\_\_\_

NEDT Rep.: Jeff Carter Date 9-29-17

Comments: \_\_\_\_\_



BRANCH 949  
361 SOUTHWEST CUTOFF  
WORCESTER MA 01604-2713  
508-756-3306  
508-754-1542 FAX

OCT 11 2017

**RENTAL RETURN  
INVOICE**

# 150747734-001



Job site

NEW ENGLAND DISP TECH  
83 GILMORE DR  
SUTTON MA 01590-2745

Office: 508-234-4440 Cell: 508-234-4440

Customer # : 250506  
Invoice Date : 10/03/17  
Rental Out : 10/03/17 08:30 AM  
Rental In : 10/03/17 04:39 PM  
UR Job Loc : 83 GILMORE DR, SUTTO  
UR Job # : 20  
Customer Job ID: 20  
P.O. # : LESLEY  
Ordered By : LESLEY  
Written By : JAMES LAPOINTE  
Salesperson : ZACHARY JUDGE

2.1.55 1 MB 0.420 72268S11.p01 146982 1-1 0



NEW ENGLAND DISP. TECH  
83 GILMORE DR  
SUTTON MA 01590-2745

**COPY**

**Invoice Amount: \$166.15**

Terms: 1% 10 Days Net 30  
Payment options: Contact our credit office 212-333-6600 Ext. 84809  
**REMIT TO:** UNITED RENTALS (NORTH AMERICA), INC.  
PO BOX 100711  
ATLANTA GA 30384-0711

**RENTAL ITEMS:**

Qty	Equipment	Description	Minimum	Day	Week	4 Week	Amount
1	10513448	SAW CUT-OFF 14" GAS Make: STIHL Model: TS500 Serial: 181173738		78.88	201.93	497.43	78.88
1	10320530	BLADE DIAMOND ASPHALT 14" DRY Make: DIAMOND PR Model: H10H Serial: BZ829153 Meter out: 1.00 Meter in: 1.00	72.00	72.00	202.00	572.00	72.00

Rental Subtotal: 150.88

**SALES/MISCELLANEOUS ITEMS:**

Qty	Item	Price	Unit of Measure	Extended Amt.
1	REFUELING SERVICE CHARGE SMALL EQUIPMENT [FUEL SMALL EQ/MCI]	5.500	EACH	5.50
Sales/Misc Subtotal:				5.50
Agreement Subtotal:				150.88
Fuel:				5.50
Tax:				9.77
Total:				166.15

THIS INVOICE IS ISSUED SUBJECT TO THE TERMS AND CONDITIONS OF THE RENTAL AGREEMENT, WHICH ARE INCORPORATED HEREIN BY REFERENCE.  
A COPY OF THE RENTAL AGREEMENT IS AVAILABLE UPON REQUEST.

Phone: (508) 885-2480  
 (508) 885-6100  
 Fax: (508) 885-2115



Construction Corp.  
 STONE, SAND, GRAVEL, ASPHALT  
 Route 31 North, 98 North Spencer Road  
 Spencer, Massachusetts 01562-1402

www.bondsandandgravel.com

*Visiter  
 miscel  
 combs g. 111*

TICKET NO. 107478

DATE	TIME	CUSTOMER	PRODUCT	P.O. NO.	TRUCK	TAX	LOCATION
10/3/2017	12:38 PM	CASHI	60		NET		1

CUSTOMER NAME  
 CASH TRANSACTION  
 M-F 7:00-4:00  
 SAT 7:00-12:00  
 CLOSED SUNDAY

QTY.	UNIT	PRODUCT	PRICE	AMOUNT
9.01	TON	1 1/2" CR GRAVEL	\$9.50	\$85.60
		DELIVERY/OTHER		\$0.00
		TAX		\$5.25
		TOTAL DUE		\$90.85

	POUNDS	TONS
GROSS:	31620	17.81
TARE:	13600	6.80
NET:	18020	9.01

DELIVER TO William Allard  
 SADIIE  
 WEIGHMASTER

SIGNATURE

NOT RESPONSIBLE FOR DAMAGE DONE WHEN ASKED TO DRIVE BEYOND CURB.

BOND CONSTRUCTION CORP.  
 98 NORTH SPENCER ROAD

SPENCER, MA 01562  
 508-885-2480

0  
 0

Sale Transaction  
 10/03/2017 11:38 AM

Invoice: 1  
 Total: USD \$  
 Payment  
 Payment: 51  
 AuthCode:  
 Card Type:  
 Card: \*\*\*\*\*  
 Exp: \*\*, SW  
 Entry Mode:  
 TranID: 20171003113830-1114578-1

I agree to pay above total amount according to card issuer agreement (merchant agreement if credit voucher)

ALLARD, WILLIAM R  
 (Customer Copy)

Job # 11-19633  
 Day & Date Tuesday 10/10/17  
 Contact Person JAMES SOUZA  
 Telephone 774-696-4850  
 Client Leicester Public Schools  
 Billing Address 1078 MAIN STREET  
LEICESTER MA  
 Attn: \_\_\_\_\_

Start Time 6:00 A.M Stop Time 2:30 P.M  
 Job Location MIDDLE SCHOOL . 5 lunch  
70 WINSTON STREET  
LEICESTER MA  
 Site Contact Person GARY MORAN (Comm)  
 Phone \_\_\_\_\_

**LABOR:**

NAME	TITLE	ST	OT
<u>MARIC</u>	Supervisor		
	Foreman	<u>8</u>	
	Field Chemist		
<u>TOM</u>	Eq. Op. <u>Bobcat</u>	<u>8</u>	
<u>JEFF</u>	Eq. Op. <u>Mini Exc.</u>	<u>8</u>	
	Eq. Op.		
	Eq. Op.		
	Eq. Op.		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		

**MATERIAL:**

QTY	DESCRIPTION	QTY	DESCRIPTION
	Level B PPE	<u>1</u>	Roll Off Liner
	Level C PPE		Poly Bags
	Modified Level D PPE		Bags Vermiculite
	Speedi Dry		5 Gallon Pail
	Sorbent Pads Bale		15 Gallon Drum
	Sorbent Boom Bale		30 Gallon Drum
	Flex Hose 4" 6"		55 Gallon Drum
	Fill Material		Overpack Drum
			Poly Sheeting

**EQUIPMENT:**

QTY	DESCRIPTION	Fleet#	HRS.
<u>1</u>	Service Trucks	<u>232</u>	<u>Day</u>
	Chemist Support Van		
	Box Truck with Liftgate		
<u>1</u>	Dump Truck		
	Roll Off Truck		
	Roll Off Truck		
	Roll Off Trailer		
<u>1</u>	Roll Off Trailer		
<u>1</u>	Roll Off Container #	<u>#25074</u>	
	Roll Off Container #		
	Roll Off Container #		
	Roll Off Container #		
	Roll Off Container #		
	Vacuum Tank Truck		
	Vacuum Trailer		
	Tractor		
	Vactor		
	Dump Trailer		
	Lowbed Trailer		
<u>1</u>	Bobcat		
<u>1</u>	Excavator <input checked="" type="checkbox"/> SM <input type="checkbox"/> LG mini		
	Backhoe		
<u>2</u>	Utility Trailer		
	Confined Space Rescue Set		
	Meter <input type="checkbox"/> 4 Gas <input type="checkbox"/> PID		
	Compressor/Blower		
	Sawzall <input type="checkbox"/> Cutoff <input type="checkbox"/>		
	Generator		
	Pressure Washer		
	Demo Hammer		
	Cascade Air Line System		
	Pumps		
	Emergency Response Trailer		
	Drum Loader		
	Vibrating Compactor		
	Power Broom		
<u>1</u>	Miscellaneous Tools & Disposables		
	Police Detail		

**DISPOSAL:**

FACILITY	QTY./DESC.	MANIFEST #
	<u>1 X 25 yds.</u>	<u>Fuel/soil</u>

**JOB DESCRIPTION:**

EXCAVATE Diesel SOIL MATERIAL  
MEET GARY MORAN w/DUMPER  
FOR DIRECTION + SOIL REMOVAL.

Customer Signature: M. Medeiros Date: 10/10/17  
 NEDT Rep.: \_\_\_\_\_ Date: \_\_\_\_\_  
 Comments: \_\_\_\_\_





**Construction Corp.**  
**STONE SAND GRAVEL ASPHALT**  
 Route 31 North, 98 North Spencer Road  
 Spencer, Massachusetts 01562-1402

Phone: (508) 885-2480  
 (508) 885-6100  
 Fax: (508) 885-2115

TICKET NO.  
 368104

DATE	TIME	CUSTOMER	PRODUCT	P.O. NO.	TRUCK	TAX	LOCATION
10/10/2017	11:43 AM	CASH	60		NEDT		1

CUSTOMER NAME	QTY.	UNIT	PRODUCT	PRICE	AMOUNT
CASH TRANSACTION	10.04	ton	1 1/2" CR GRAVEL	89.50	895.38
M-F 7:00-4:00			DELIVERY/OTHER		80.00
SAT 7:00-12:00			TAX		88.96
CLOSED SUNDAY			TOTAL DUE		1062.34

WEIGHMASTER	SIGNATURE
SADIE	

DELIVER TO

POUNDS	TONS
GROSS: 33720	16.86
TARE: 13640	6.82
NET: 20080	10.04

NOT RESPONSIBLE FOR DAMAGE DONE WHEN ASKED TO DRIVE BEYOND CURB.

# INVOICE

OCT 11 2017

## PYNE SAND AND STONE CO.

1 LACKEY DAM ROAD  
DOUGLAS, MA 01516  
WWW.PYNESAND.COM

Date : 10/07/17  
Invoice#: 00056083  
Page # : 1  
Customer: NEDT

Sold To : NEW ENGLAND DISPOSAL  
TECHNOLOGIES INC.  
83 GILMORE DRIVE  
SUTTON, MA 01590

Terms NET: 30 DAYS Phone: 508-234-6400  
Fax : 508-234-7967

TICKET	DATE	PRODUCT	FOB	QUANTITY	UNIT PRICE	AMOUNT
	SHIPTO/LOCATION		PO /DEL			
<del>99292593</del>	<del>10/03/17</del>	<del>1/2" SCREENED LOMM</del>	<del>FOB Andover</del>	<del>5.00YD</del>	<del>21.00</del>	<del>105.00</del>
99292593	10/03/17	3/4" CRUSHED GRAVEL	FOB Leicester	6.19TN	11.50	71.19
<del>99292594</del>	<del>10/03/17</del>	<del>1/2" DENSE GRADED</del>	<del>FOB Leicester</del>	<del>21.00TN</del>	<del>21.00</del>	<del>441.00</del>
<del>99292716</del>	<del>10/03/17</del>	<del>1/2" SCREENED LOMM</del>	<del>FOB Andover</del>	<del>3.00YD</del>	<del>21.00</del>	<del>63.00</del>
99292779	10/03/17	1/2" SCREENED LOMM	FOB Andover	4.00YD	21.00	84.00
<del>99292901</del>	<del>10/03/17</del>	<del>3/4" CRUSHED GRAVEL</del>	<del>FOB Andover</del>	<del>3.50YD</del>	<del>21.00</del>	<del>73.50</del>

6.2500\*\*\*\* TAX \*\*\*\*

\*\*\*\* TOTAL INVOICE AMT DUE \*\*\*>>>>>>>

~~105.00~~ 4.45  
~~441.00~~  
75.64

STATEMENTS will not be sent. Please PAY from this INVOICE.

Job # 11-19633  
 Day & Date Thursday 10-19-17  
 Contact Person JAMES Souza  
 Telephone 774-696-4890 cell  
 Client Leicester Public Schools  
 Billing Address 1078 Main St  
Leicester MA 01524

Start Time \_\_\_\_\_ Stop Time \_\_\_\_\_  
 Job Location Leicester Middle School  
70 Winslow Ave  
Leicester MA 01524  
 Site Contact Person \_\_\_\_\_  
 Phone \_\_\_\_\_

**LABOR:**

NAME	TITLE	ST	OT
	Supervisor		
	Foreman		
	Field Chemist		
<u>S. Ford</u>	Eq. Op.		
	Eq. Op.		
	Eq. Op.		
	Eq. Op.		
	Eq. Op.		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		

**DISPOSAL:**

FACILITY	QTY./DESC.	MANIFEST #
<u>VEXOR</u>	<u>10 x 55 Diesel/debris</u>	<u>017646959JJK</u>

**JOB DESCRIPTION:**

Pick up DRUMS Generated  
From emergency Response  
Done on 9-29-17

Customer Signature X James Souza Date 10-19-17  
 NEDT Rep.: [Signature] Date 10-19-17  
 Comments: \_\_\_\_\_

**MATERIAL:**

QTY	DESCRIPTION	QTY	DESCRIPTION
	Level B PPE		Roll Off Liner
	Level C PPE		Poly Bags
	Modified Level D PPE		Bags Vermiculite
	Speedi Dry		5 Gallon Pail
	Sorbent Pads Bale		15 Gallon Drum
	Sorbent Boom Bale		30 Gallon Drum
	Flex Hose 4" 6"		55 Gallon Drum
	Fill Material		Overpack Drum
			Poly Sheeting

**EQUIPMENT:**

QTY		Fleet#	HRS.
	Service Trucks		
<input checked="" type="checkbox"/>	Chemist Support Van		
	Box Truck with Liftgate		
	Dump Truck		
	Roll Off Truck		
	Roll Off Truck		
	Roll Off Trailer		
	Roll Off Trailer		
	Roll Off Container #		
	Roll Off Container #		
	Roll Off Container #		
	Roll Off Container #		
	Roll Off Container #		
	Vacuum Tank Truck		
	Vacuum Trailer		
	Tractor		
	Vactor		
	Dump Trailer		
	Lowbed Trailer		
	Bobcat		
	Excavator <input type="checkbox"/> SM <input type="checkbox"/> LG		
	Backhoe		
	Utility Trailer		
	Confined Space Rescue Set		
	Meter <input type="checkbox"/> 4 Gas <input type="checkbox"/> PID		
	Compressor/Blower		
	Sawzall <input type="checkbox"/> Cutoff <input type="checkbox"/>		
	Generator		
	Pressure Washer		
	Demo Hammer		
	Cascade Air Line System		
	Pumps		
	Emergency Response Trailer		
	Drum Loader		
	Vibrating Compactor		
	Power Broom		
	Miscellaneous Tools & Disposables		
	Police Detail		

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number MP5088927055	2. Page 1 of 1	3. Emergency Response Phone 800-698-1865	4. Manifest Tracking Number 017646959 JJK		
5. Generator's Name and Mailing Address Leicester Public Schools 1078 Main Street Leicester MA 01524 Generator's Phone: 774 696-4890				Generator's Site Address (if different than mailing address) Leicester Middle School 70 Winslow Avenue Leicester MA 01524			
6. Transporter 1 Company Name New England Disposal Technologies, Inc.				U.S. EPA ID Number MAC300008059			
7. Transporter 2 Company Name New England Disposal Technologies, Inc.				U.S. EPA ID Number MAC300008059			
8. Designated Facility Name and Site Address Vexor Technology, LLC 955 West Smith Road Medina OH 44256 Facility's Phone: 330 721-9773				U.S. EPA ID Number OHD07772895			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		1. Massachusetts State Regulated Oil Waste (diesel fuel, debris)	No.	Type			
			010	DM	4000	P	MA01
		2.					
		3.					
		4.					
14. Special Handling Instructions and Additional Information 1)							
Job# 11-19633							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name James Souza				Signature James Souza		Month Day Year 10 19 17	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Shawn M Fel				Signature [Signature]		Month Day Year 10 19 17	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
18c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name				Signature		Month Day Year	



# Invoice

DATE	INVOICE #
11/17/2017	34273

## NEW ENGLAND DISPOSAL TECHNOLOGIES, INC.

PAID  
11/27/2017

<b>BILL TO</b>
Leicester Public Schools 1078 Main Street Leicester, Massachusetts 01524

<b>SHIP TO</b>
Middle School 70 Winslow Street Leicester, Massachusetts

P.O. NUMBER	TERMS	REP	SHIP
	Net 30	F11	11/1/2017

QUANTITY	DESCRIPTION	PRICE EACH	AMOUNT
	Job #F11-19633		
	Wednesday, November 15, 2017		
8	Hours Equipment Operator/Driver	70.00	560.00
8	Hours Roll-Off Trailer	85.00	680.00
	Weight Ticket #319733		
20.76	Tons Contaminated Soil Disposal	48.00	996.48
15	Days Roll-Off Rental (#25074) 11/1/17-11/15/17	20.00	300.00
	Thursday, November 16, 2017		
6.5	Hours Equipment Operator/Driver	70.00	455.00
6.5	Hours Roll-Off Trailer	85.00	552.50
	Weight Ticket #319769		
15.95	Tons Contaminated Soil Disposal	48.00	765.60
16	Days Roll-Off Rental (#25076) 11/1/17-11/16/17	20.00	320.00

Thank you for your business.

**Total** \$4,629.58

[www.nedtinc.com](http://www.nedtinc.com)

Job # 11-19633  
 Day & Date Wednesday 11/15/17  
 Contact Person James Souza  
 Telephone 774-696-4890  
 Client Leicester Public Schools  
 Billing Address 1078 Main St.  
 Leicester, MA  
 Attn: \_\_\_\_\_



NEW ENGLAND DISPOSAL TECHNOLOGIES, INC.

83 Gilmore Drive • Sutton, MA 01590

Tel: (508) 234-4440 Fax: (508) 234-4441

Start Time 08:00 Stop Time 16:00  
 Job Location Middle School  
 70 Winslow St.  
 Leicester, MA  
 Site Contact Person \_\_\_\_\_  
 Phone \_\_\_\_\_

**LABOR:**

NAME	TITLE	ST	OT
	Supervisor		
	Foreman		
	Field Chemist		
Kevin Corr.	Eq. Op. Total	8	
	Eq. Op.		
	Eq. Op.		
	Eq. Op.		
	Eq. Op.		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		

**DISPOSAL:**

FACILITY	QTY./DESC.	MANIFEST #
ESMI	41500 <del>FR</del> LB. 20.760 TON	B.O.C.
	CAN 25024	

**JOB DESCRIPTION:**

Pick up full P/O & dump @ ESMI

Customer Signature: \_\_\_\_\_ Date \_\_\_\_\_  
 NEDT Rep.: \_\_\_\_\_ Date \_\_\_\_\_  
 Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**MATERIAL:**

QTY	DESCRIPTION
	Level B PPE
	Level C PPE
	Modified Level D PPE
	Speedi Dry
	Sorbent Pads Bale
	Sorbent Boom Bale
	Flex Hose 4" 6"
	Fill Material

QTY	DESCRIPTION
	Roll Off Liner
	Poly Bags
	Bags Vermiculite
	5 Gallon Pail
	15 Gallon Drum
	30 Gallon Drum
	55 Gallon Drum
	Overpack Drum
	Poly Sheeting

**EQUIPMENT:**

QTY		Fleet#	HRS.
	Service Trucks		
	Chemist Support Van		
	Box Truck with Liftgate		
	Dump Truck		
	Roll Off Truck		
	Roll Off Trailer		
1	Roll Off Trailer	138	8
	Roll Off Container #		
	Roll Off Container #		
	Roll Off Container #		
	Roll Off Container #		
	Roll Off Container #		
	Vacuum Tank Truck		
	Vacuum Trailer		
1	Tractor	964	8
	Vactor		
	Dump Trailer		
	Lowbed Trailer		
	Bobcat		
	Excavator <input type="checkbox"/> SM <input type="checkbox"/> LG		
	Backhoe		
	Utility Trailer		
	Confined Space Rescue Set		
	Meter <input type="checkbox"/> 4 Gas <input type="checkbox"/> PID		
	Compressor/Blower		
	Sawzall <input type="checkbox"/> Cutoff <input type="checkbox"/>		
	Generator		
	Pressure Washer		
	Demo Hammer		
	Cascade Air Line System		
	Pumps		
	Emergency Response Trailer		
	Drum Loader		
	Vibrating Compactor		
	Power Broom		
	Miscellaneous Tools & Disposables		
	Police Detail		

ESMI of N.H.  
67 International Drive

Loudon, NH 03307

Ticket No :319733  
Date :11/15/17  
Phone :(603)783-0228  
Fax :(603)783-0104

Customer: NEDT10  
NEW ENGLAND DISPOSAL TECH  
83 GILMORE DRIVE

Order No : 11497  
Leicester Middle School  
70 Winslow Ave.

Loads : 1  
Miles : 0  
Tons : 20.76

SUTTON, MA 01590

Leicester MA

Truck : NEDT964 NEDT #964  
Location: MA MASSACHUSETTS

Gross : 86100 lb Scale 1 In 12:17 pm  
Tare : 44580 lb Scale 1 Out 12:41 pm

Weigh Master: ANGELA  
Angela Holub

Net : 41520 lb  
20,760 tn

Remarks: Thank You For Your Business

Material \$  
Delivery \$  
Misc \$  
Tax \$  
Total \$

Signature:



MATERIAL	QTY	UNIT-\$	DELIVERY-\$	MISC-\$	TAX-\$	TOTAL-\$
#2 FUEL OIL	20.760	tn				

Job # 11-19633  
 Day & Date Thursday 11/16/17  
 Contact Person James Souza  
 Telephone 774-696-4890  
 Client Leicester Public Schools  
 Billing Address 1078 Main St.  
Leicester, MA  
 Attn: \_\_\_\_\_



**NEW ENGLAND DISPOSAL TECHNOLOGIES, INC.**  
 83 Gilmore Drive • Sutton, MA 01590  
 Tel: (508) 234-4440 Fax: (508) 234-4441

www.NEDTINC.com

Start Time 07:00 Stop Time 13:30  
 Job Location Middle School  
10 Winslow St.  
Leicester MA  
 Site Contact Person \_\_\_\_\_  
 Phone \_\_\_\_\_

**LABOR:**

NAME	TITLE	ST	OT
	Supervisor		
	Foreman		
	Field Chemist		
<u>Kevin Corr</u>	Eq. Op. <u>R/O Tol</u>		
	Eq. Op.		
	Eq. Op.		
	Eq. Op.		
	Eq. Op.		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		
	Field Technician		

**MATERIAL:**

QTY	DESCRIPTION	QTY	DESCRIPTION
	Level B PPE		Roll Off Liner
	Level C PPE		Poly Bags
	Modified Level D PPE		Bags Vermiculite
	Speedi Dry		5 Gallon Pail
	Sorbent Pads Bale		15 Gallon Drum
	Sorbent Boom Bale		30 Gallon Drum
	Flex Hose 4" 6"		55 Gallon Drum
	Fill Material		Overpack Drum
			Poly Sheeting

**EQUIPMENT:**

QTY		Fleet#	HRS.
	Service Trucks		
	Chemist Support Van		
	Box Truck with Liftgate		
	Dump Truck		
	Roll Off Truck		
	Roll Off Truck		
	Roll Off Trailer		
<u>1</u>	Roll Off Trailer	<u>130</u>	
	Roll Off Container #		
	Roll Off Container #		
	Roll Off Container #		
	Roll Off Container #		
	Roll Off Container #		
	Vacuum Tank Truck		
	Vacuum Trailer		
<u>1</u>	Tractor	<u>964</u>	
	Vactor		
	Dump Trailer		
	Lowbed Trailer		
	Bobcat		
	Excavator <input type="checkbox"/> SM <input type="checkbox"/> LG		
	Backhoe		
	Utility Trailer		
	Confined Space Rescue Set		
	Meter <input type="checkbox"/> 4 Gas <input type="checkbox"/> PID		
	Compressor/Blower		
	Sawzall <input type="checkbox"/> Cutoff <input type="checkbox"/>		
	Generator		
	Pressure Washer		
	Demo Hammer		
	Cascade Air Line System		
	Pumps		
	Emergency Response Trailer		
	Drum Loader		
	Vibrating Compactor		
	Power Broom		
	Miscellaneous Tools & Disposables		
	Police Detail		

**DISPOSAL:**

FACILITY	QTY/DESC.	MANIFEST #
<u>ESMI</u>	<u>15.950 Ton</u>	<u>B.O.L.</u>
	<u>CAN # 25076</u>	

**JOB DESCRIPTION:**

Pick up full R/O &  
dump @ ESMI

Customer Signature: \_\_\_\_\_ Date \_\_\_\_\_  
 NEDT Rep.: \_\_\_\_\_ Date \_\_\_\_\_  
 Comments: \_\_\_\_\_



ESMI of N.H.  
67 International Drive

Loudon, NH 03307

Ticket No :319769  
Date :11/16/17  
Phone :(603)783-0228  
Fax :(603)783-0104

Customer: NEDT10  
NEW ENGLAND DISPOSAL TECH  
83 GILMORE DRIVE

Order No : 11497  
Leicester Middle School  
70 Winslow Ave.  
Leicester MA

Loads : 2  
Miles : 0  
Tons : 36.71

SUTTON, MA 01590

Truck : NEDT964 NEDT #964  
Location: MA MASSACHUSETTS

Gross : 76600 lb Scale 1 In 10:11 am  
Tare : 44700 lb Scale 1 Out 10:46 am

Weigh Master: ANGELA  
Angela Holub

Net : 31900 lb  
15.950 tn

Remarks: Thank You For Your Business

Material \$  
Delivery \$  
Misc \$  
Tax \$  
Total \$

Signature:



MATERIAL	QTY	UNIT-\$	DELIVERY-\$	MISC-\$	TAX-\$	TOTAL-\$
#2 FUEL OIL	15.950	tn				

**A** MM DD YYYY  Delete NFIRS -1  
 [27151] [MA] [09] [29] [2017] [1] [17-0000216] [000]  Change Basic  
 FDID \* State \* Incident Date \* Station Incident Number \* Exposure \*  No Activity

**B Location\***  Check this box to indicate that the address for this incident is provided on the Wildland Fire Census Tract [ ] - [ ]  
 Module In Section B "Alternative Location Specification". Use only for Wildland fires.  
 Street address [70] [ ] [WINSLOW] [AVE] [ ]  
 Intersection Number/Milepost Prefix Street or Highway Street Type Suffix  
 In front of [ ] [LEICESTER] [MA] [01524] - [ ]  
 Rear of Apt./Suite/Room City State Zip Code  
 Adjacent to  
 Directions  
 Cross street or directions, as applicable

**C Incident Type \***  
 [410] [Combustible/flammable]  
 Incident Type

**E1 Date & Times** Midnight is 0000  
 Check boxes if dates are the same as Alarm Date. ALARM always required  
 Alarm \* [09] [29] [2017] [10:50:00]  
 ARRIVAL required, unless canceled or did not arrive  
 Arrival \* [09] [29] [2017] [11:00:00]  
 CONTROLLED Optional, Except for wildland fires  
 Controlled [ ] [ ] [ ] [ ]  
 LAST UNIT CLEARED, required except for wildland fires  
 Last Unit [09] [29] [2017] [12:00:00]  
 Cleared

**E2 Shift & Alarms**  
 Local Option [ ] [ ] [1]  
 Shift or Alarms District Platoon

**D Aid Given or Received\***  
 1  Mutual aid received [ ] [ ]  
 2  Automatic aid recvd. Their FDID Their State  
 3  Mutual aid given [ ] [ ]  
 4  Automatic aid given [ ] [ ]  
 5  Other aid given Their Incident Number  
 N  None

**E3 Special Studies**  
 Local Option [ ] [ ]  
 Special Study ID# [ ] [ ]  
 Special Study Value [ ] [ ]

**F Actions Taken \***  
 [44] [Hazardous materials]  
 Primary Action Taken (1)  
 [ ] [ ]  
 Additional Action Taken (2)  
 [ ] [ ]  
 Additional Action Taken (3)

**G1 Resources \***  
 Check this box and skip this section if an Apparatus or Personnel form is used.  
 Apparatus Personnel  
 Suppression [0001] [0005]  
 EMS [ ] [ ]  
 Other [ ] [ ]  
 Check box if resource counts include aid received resources.

**G2 Estimated Dollar Losses & Values**  
 LOSSES: Required for all fires if known. Optional for non fires. None  
 Property \$ [ ] [ ] [000] [ ] [000] [X]  
 Contents \$ [ ] [ ] [000] [ ] [000] [X]  
 PRE-INCIDENT VALUE: Optional  
 Property \$ [ ] [ ] [000] [ ] [000] [X]  
 Contents \$ [ ] [ ] [000] [ ] [000] [X]

**Completed Modules**  
 Fire-2  
 Structure-3  
 Civil Fire Cas.-4  
 Fire Serv. Cas.-5  
 EMS-6  
 HazMat-7  
 Wildland Fire-8  
 Apparatus-9  
 Personnel-10  
 Arson-11

**H1\* Casualties**  None  
 Deaths Injuries  
 Fire Service [ ] [ ]  
 Civilian [ ] [ ]  
**H2 Detector**  
 Required for Confined Fires.  
 Detector alerted occupants  
 Detector did not alert them  
 Unknown

**H3 Hazardous Materials Release**  
 N  None  
 1  Natural Gas: slow leak, no evacuation or HazMat actions  
 2  Propane gas: <21 lb. tank (as in home BBQ grill)  
 3  Gasoline: vehicle fuel tank or portable container  
 4  Kerosene: fuel burning equipment or portable storage  
 5  Diesel fuel/fuel oil: vehicle fuel tank or portable  
 6  Household solvents: home/office spill, cleanup only  
 7  Motor oil: from engine or portable container  
 8  Paint: from paint cans totaling < 55 gallons  
 0  Other: Special Hazmat actions required or spill > 55gal., Please complete the HazMat form

**I Mixed Use Property**  
 NN  Not Mixed  
 10  Assembly use  
 20  Education use  
 33  Medical use  
 40  Residential use  
 51  Row of stores  
 53  Enclosed mall  
 58  Bus. & Residential  
 59  Office use  
 60  Industrial use  
 63  Military use  
 65  Farm use  
 00  Other mixed use

**J Property Use\* Structures**  
 131  Church, place of worship  
 161  Restaurant or cafeteria  
 162  Bar/Tavern or nightclub  
 213  Elementary school or kindergarten  
 215  High school or junior high  
 241  College, adult education  
 311  Care facility for the aged  
 331  Hospital  
 341  Clinic, clinic type infirmary  
 342  Doctor/dentist office  
 361  Prison or jail, not juvenile  
 419  1-or 2-family dwelling  
 429  Multi-family dwelling  
 439  Rooming/boarding house  
 449  Commercial hotel or motel  
 459  Residential, board and care  
 464  Dormitory/barracks  
 519  Food and beverage sales  
 539  Household goods, sales, repairs  
 579  Motor vehicle/boat sales/repair  
 571  Gas or service station  
 599  Business office  
 615  Electric generating plant  
 629  Laboratory/science lab  
 700  Manufacturing plant  
 819  Livestock/poultry storage (barn)  
 882  Non-residential parking garage  
 891  Warehouse

**Outside**  
 124  Playground or park  
 655  Crops or orchard  
 669  Forest (timberland)  
 807  Outdoor storage area  
 919  Dump or sanitary landfill  
 931  Open land or field  
 936  Vacant lot  
 938  Graded/care for plot of land  
 946  Lake, river, stream  
 951  Railroad right of way  
 960  Other street  
 961  Highway/divided highway  
 962  Residential street/driveway  
 981  Construction site  
 984  Industrial plant yard  
 Lookup and enter a Property Use code only if you have NOT checked a Property Use box:  
 Property Use [100]  
 [Assembly, Other]  
 NFIRS-1 Revision 03/11/99

27151  
FDID \*

MA  
State \*

MM DD YYYY  
9 29 2017  
Incident Date \*

1  
Station

17-0000216  
Incident Number \*

000  
Exposure \*

Complete  
Narrative

**Narrative:**

Approx 30 Gal home heating oil spilled. Sand Applied, clean up company notified. C1 with command. PN C9



# Office of the Town Clerk

Town of Leicester

3 Washburn Square • Leicester, Massachusetts 01524-1333

Telephone (508) 892-7011 • Fax: (508) 892-7070

DEBORAH K. DAVIS  
TOWN CLERK  
E-mail: davisd@leicesterma.org

LINDA A. ROWDEN  
ASSISTANT TOWN CLERK  
E-mail: rowdenl@leicesterma.org

March 1, 2016

I, the undersigned, Town Clerk of Leicester, Massachusetts, hereby certify that Article 1 below is a true copy as it appeared in the Warrant for the Special Town Meeting and the vote taken on September 15, 2015

Article 2. Sandra M. Wilson moved that the town authorize the Board of Selectmen to accept for all municipal purposes a deed from Becker College of the real estate owned by the College located on the westerly side of Paxton Street known as 3 Paxton Street and in exchange therefor to grant a right of first refusal to the College on the land and building currently owned by the Town at 3 Washburn Square on such terms and to such extent as the Board of Selectmen may deem best and to grant a right of first refusal to the College on the land and building currently owned by the Town at 70 Winslow Avenue on such terms and to such extent as the Board of Selectmen may deem best and to further authorize the Selectmen to use the funds previously appropriated in Article 1 to pay for the incidental expenses of this acquisition including surveys, legal fees, engineering and environmental studies.

A Visual Count was taken by the Moderator.  
VOTED AFFIRMATELY BY A 2/3 VOTE

Article 3. Harry R. Brooks moved that the town authorize the Selectmen to purchase for the sum of \$355,000 for all municipal purposes the land and buildings at the corner of Main Street and Paxton Street, known as 1 Paxton Street and to further authorize the Selectmen to use the funds previously appropriated in Article 1 to pay for the cost of this acquisition including surveys, legal fees, engineering and environmental studies.

VOTED AFFIRMATELY BY A 2/3 VOTE



2016 00021756

Bk: 55010 Pg: 28

Page: 1 of 1 03/02/2016 01:58 PM WD

A True Copy Attest:

*Deborah K. Davis*  
Deborah K. Davis

RETURN TO: JOSEPH C. COVE, ESQ.  
P.O. BOX 390  
UXBRIDGE, MA 01569

ATTEST: WORC. Anthony J. Vigliotti, Register

M.R. 54983 - 392 1 Paxton St.  
M.R. 55010 25 3 Paxton St.

*AM*

Heidi Keller

---

From: Buck, Michelle <BuckM@leicesterma.org>  
Sent: Tuesday, March 05, 2019 12:15 PM  
To: Heidi Keller  
Subject: FW: Public Records Request - 70 Winslow Avenue

Follow Up Flag: Follow up  
Flag Status: Completed

We don't have Building or Health records related to your request.

Michelle R. Buck, AICP  
Leicester Town Planner/Director of Inspectional Services  
508-892-7007

[buckm@leicesterma.org](mailto:buckm@leicesterma.org)

Please note that Leicester Town Hall is closed on Fridays.

---

From: Conroy, Kelly <ConroyK@leicesterma.org>  
Sent: Tuesday, March 5, 2019 12:05 PM  
To: Buck, Michelle <BuckM@leicesterma.org>  
Subject: RE: Public Records Request - 70 Winslow Avenue

**I have nothing for Building or Board of Health.**

Have a great day!

Kelly Conroy, Administrative Assistant - ODIS  
Town of Leicester  
3 Washburn Square  
Leicester, Massachusetts 01524  
(508) 892-7003 (p)  
(508) 892-1163 (f)  
[conroyk@leicesterma.org](mailto:conroyk@leicesterma.org) (e)

Office Hours:

M-W-Th 8:00 a.m. – 5:00 p.m.  
Tuesdays 8:00 a.m. – 7:00 p.m.  
Friday: CLOSED

---

From: Buck, Michelle  
Sent: Tuesday, March 05, 2019 12:01 PM  
To: Conroy, Kelly  
Subject: FW: Public Records Request - 70 Winslow Avenue

Kelly,  
See email below. I researched PB, CC, and ZBA files yesterday (we have nothing). Please let me know if there are Building and/or Health records for the Leicester Middle School at 70 Winslow Ave.)

Michelle R. Buck, AICP  
Leicester Town Planner/Director of Inspectional Services  
508-892-7007  
[buckm@leicesterma.org](mailto:buckm@leicesterma.org)

Please note that Leicester Town Hall is closed on Fridays.

---

From: Heidi Keller <[HKeller@fando.com](mailto:HKeller@fando.com)>  
Sent: Monday, March 4, 2019 10:51 AM  
To: Buck, Michelle <[BuckM@leicesterma.org](mailto:BuckM@leicesterma.org)>  
Subject: Public Records Request - 70 Winslow Avenue

Good morning Ms. Buck-

I would like to submit a public records request for the Leicester Middle School property (70 Winslow Avenue, parcel 15-14A-0). Specifically, I am looking for any records pertaining to the environmental history of the property (i.e. wetlands, storage tanks, releases/spills, stored chemicals, etc.). If possible, I would prefer all information to be passed along via email; however, I will be in the area on Wednesday to visit the property and can drop by to look at anything then, if needed.

Please reach out if you have any questions.

Thanks,



Heidi Keller  
Hydrogeologist

Fuss & O'Neill, Inc. | 108 Myrtle Street, Suite 502 | Quincy, MA 02171

617.282.4675 x4709 | [hkeller@fando.com](mailto:hkeller@fando.com) | cell: 419.553.7275

[www.fando.com](http://www.fando.com) | [twitter](#) | [facebook](#) | [linkedin](#)

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Heidi Keller

---

From: Buck, Michelle <BuckM@leicesterma.org>  
Sent: Monday, March 04, 2019 3:04 PM  
To: Heidi Keller  
Subject: RE: Public Records Request - 70 Winslow Avenue

Follow Up Flag: Follow up  
Flag Status: Completed

I have no records for the Leicester Middle School in Planning Board, Conservation Commission, or Zoning Board of Appeals files. I can check on possible Building-permit or Health Department related files tomorrow (the Department Assistant that handles those is out sick today). Have you checked with the Leicester School Department?

Michelle R. Buck, AICP  
Leicester Town Planner/Director of Inspectional Services  
508-892-7007

[buckm@leicesterma.org](mailto:buckm@leicesterma.org)

Please note that Leicester Town Hall is closed on Fridays.

---

From: Heidi Keller <HKeller@fando.com>  
Sent: Monday, March 4, 2019 10:51 AM  
To: Buck, Michelle <BuckM@leicesterma.org>  
Subject: Public Records Request - 70 Winslow Avenue

Good morning Ms. Buck-

I would like to submit a public records request for the Leicester Middle School property (70 Winslow Avenue, parcel 15-14A-0). Specifically, I am looking for any records pertaining to the environmental history of the property (i.e. wetlands, storage tanks, releases/spills, stored chemicals, etc.). If possible, I would prefer all information to be passed along via email; however, I will be in the area on Wednesday to visit the property and can drop by to look at anything then, if needed.

Please reach out if you have any questions.

Thanks,



Heidi Keller  
Hydrogeologist

Fuss & O'Neill, Inc. | 108 Myrtle Street, Suite 502 | Quincy, MA 02171

617.282.4675 x4709 | [hkeller@fando.com](mailto:hkeller@fando.com) | cell: 419.553.7275

[www.fando.com](http://www.fando.com) | [twitter](#) | [facebook](#) | [linkedin](#)

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## Appendix D

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Environmental Database Search  
Environmental Data Resources, Inc.





**Leicester Middle School**

70 Winslow Avenue

Leicester, MA 01524

Inquiry Number: 5578369.8

March 04, 2019

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

03/04/19

**Site Name:**

Leicester Middle School  
70 Winslow Avenue  
Leicester, MA 01524  
EDR Inquiry # 5578369.8

**Client Name:**

Fuss & O'Neill  
317 Iron Horse Way  
Providence, RI 02908  
Contact: Heidi Keller



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

## Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
1995	1"=500'	Acquisition Date: March 29, 1995	USGS/DOQQ
1991	1"=750'	Flight Date: April 12, 1991	USGS
1985	1"=500'	Flight Date: March 16, 1985	USDA
1980	1"=500'	Flight Date: April 19, 1980	USGS
1975	1"=500'	Flight Date: October 23, 1975	USGS
1966	1"=500'	Flight Date: March 09, 1966	USGS
1963	1"=500'	Flight Date: April 29, 1963	USGS
1952	1"=500'	Flight Date: June 18, 1952	USDA

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INQUIRY #: 5578369.8

YEAR: 2016

— = 500'



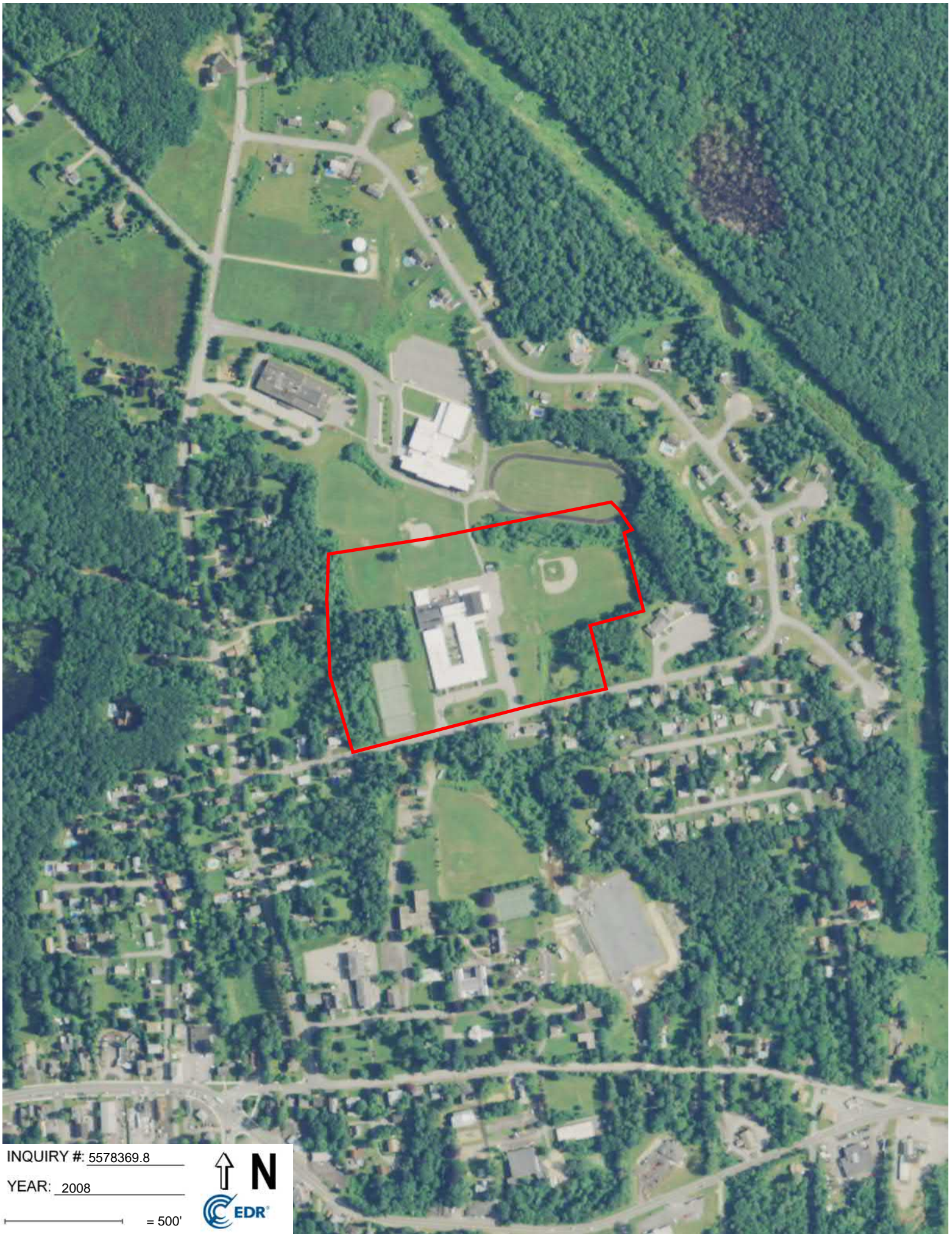


INQUIRY #: 5578369.8

YEAR: 2012

— = 500'



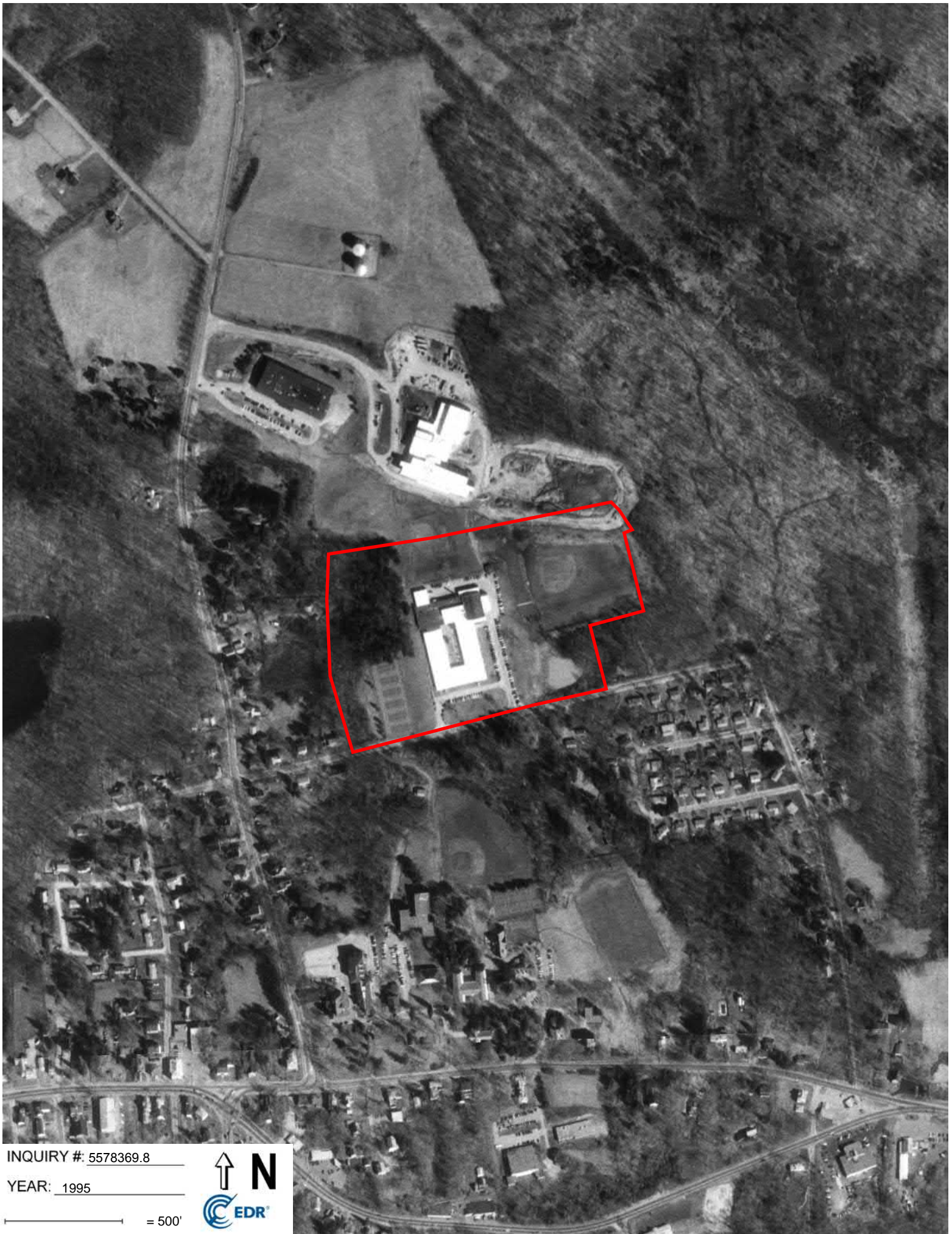


INQUIRY #: 5578369.8

YEAR: 2008

— = 500'





INQUIRY #: 5578369.8

YEAR: 1995

— = 500'





INQUIRY #: 5578369.8

YEAR: 1991

— = 750'



Subject boundary not shown because it exceeds image extent or is obscured by other features.



INQUIRY #: 5578369.8

YEAR: 1985

 = 500'







INQUIRY #: 5578369.8

YEAR: 1980

 = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.



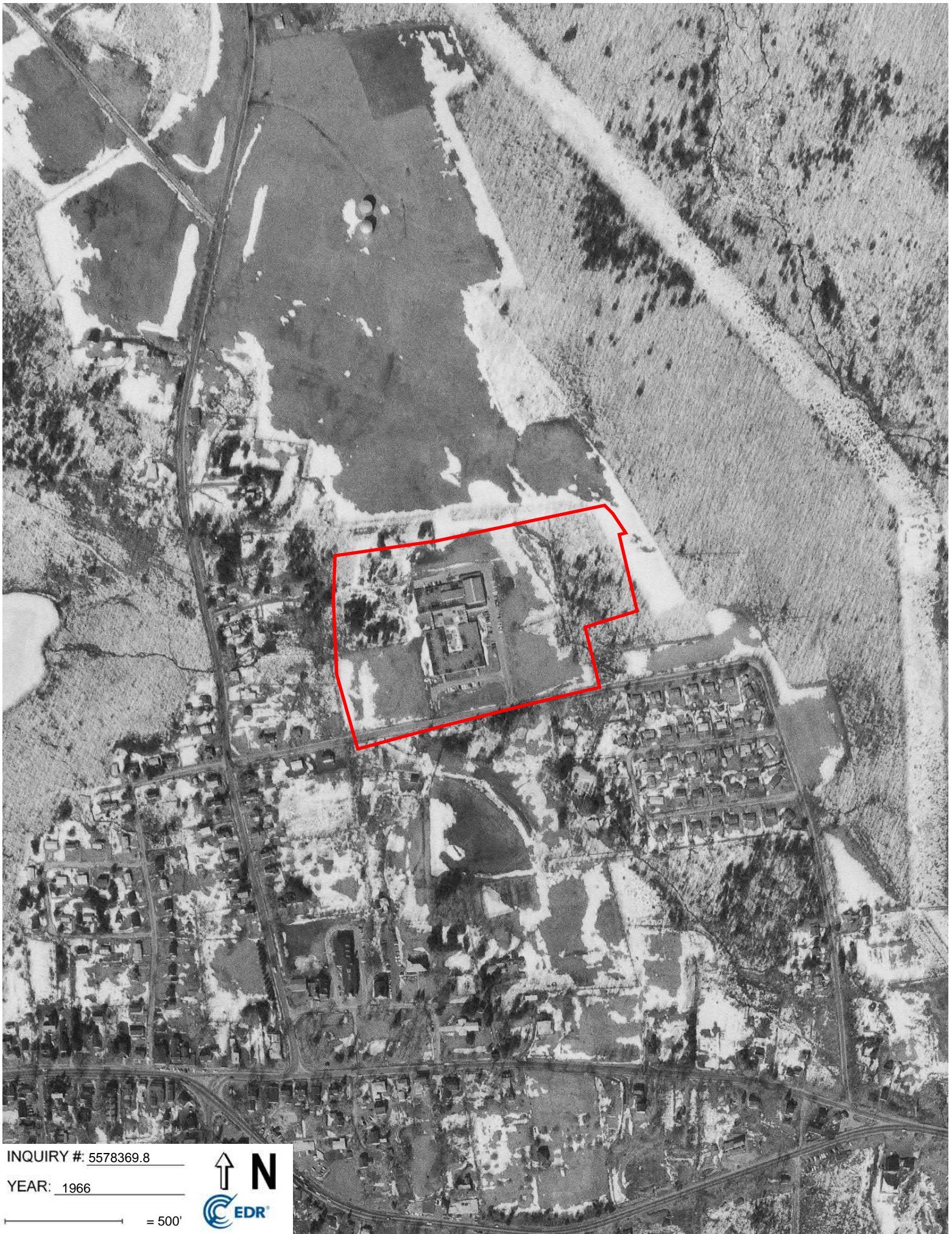
INQUIRY #: 5578369.8

YEAR: 1975

— = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY #: 5578369.8

YEAR: 1966

— = 500'





INQUIRY #: 5578369.8

YEAR: 1963

— = 500'





INQUIRY #: 5578369.8

YEAR: 1952

— = 500'



Leicester Middle School

70 Winslow Avenue

Leicester, MA 01524

Inquiry Number: 5578369.4

March 04, 2019

## EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

03/04/19

**Site Name:**

Leicester Middle School  
70 Winslow Avenue  
Leicester, MA 01524  
EDR Inquiry # 5578369.4

**Client Name:**

Fuss & O'Neill  
317 Iron Horse Way  
Providence, RI 02908  
Contact: Heidi Keller



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Fuss & O'Neill were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:**

**Coordinates:**

<b>P.O.#</b>	NA	<b>Latitude:</b>	42.251246 42° 15' 4" North
<b>Project:</b>	Leicester Middle School	<b>Longitude:</b>	-71.904341 -71° 54' 16" West
		<b>UTM Zone:</b>	Zone 19 North
		<b>UTM X Meters:</b>	260407.88
		<b>UTM Y Meters:</b>	4681757.28
		<b>Elevation:</b>	994.88' above sea level

**Maps Provided:**

2012	1943
1985	1939, 1941
1983	1934, 1935, 1937
1979	1921
1969, 1973, 1974	1918
1960, 1965	1908
1953	1892
1948, 1950, 1953	1886, 1889

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## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2012 Source Sheets



Worcester South  
2012  
7.5-minute, 24000



Worcester North  
2012  
7.5-minute, 24000

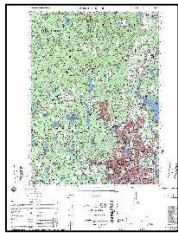


Leicester  
2012  
7.5-minute, 24000



Paxton  
2012  
7.5-minute, 24000

### 1985 Source Sheets



WORCESTER NORTH  
1985  
15-minute, 50000

### 1983 Source Sheets



Worcester South  
1983  
7.5-minute, 25000  
Aerial Photo Revised 1980

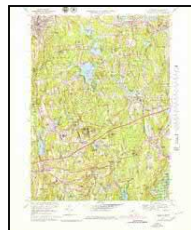


Worcester North  
1983  
7.5-minute, 25000  
Aerial Photo Revised 1980

### 1979 Source Sheets



Paxton  
1979  
7.5-minute, 25000  
Aerial Photo Revised 1975



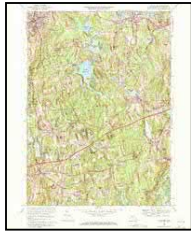
Leicester  
1979  
7.5-minute, 25000  
Aerial Photo Revised 1975



## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

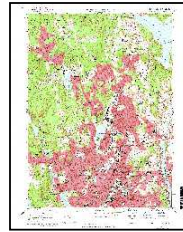
### 1969, 1973, 1974 Source Sheets



Leicester  
1969  
7.5-minute, 24000  
Aerial Photo Revised 1966



Worcester South  
1973  
7.5-minute, 24000  
Aerial Photo Revised 1972



WORCESTER NORTH  
1974  
7.5-minute, 24000

### 1960, 1965 Source Sheets



Worcester North  
1960  
7.5-minute, 24000



Worcester South  
1960  
7.5-minute, 24000

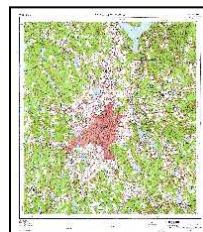


Paxton  
1965  
7.5-minute, 24000

### 1953 Source Sheets

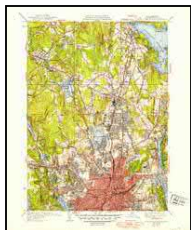


Leicester  
1953  
7.5-minute, 24000



WORCESTER AND VICINITY  
1953  
7.5-minute, 24000

### 1948, 1950, 1953 Source Sheets



Worcester North  
1948  
7.5-minute, 31680



Worcester South  
1948  
7.5-minute, 31680



Paxton  
1950  
7.5-minute, 31680

## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1943 Source Sheets



Quinsigamond  
1943  
30-minute, 125000  
Aerial Photo Revised 1938

### 1939, 1941 Source Sheets



Worcester South  
1939  
7.5-minute, 31680



Worcester North  
1939  
7.5-minute, 31680



Paxton  
1941  
7.5-minute, 31680



Leicester  
1941  
7.5-minute, 31680

### 1934, 1935, 1937 Source Sheets



Worcester  
1934  
7.5-minute, 24000



Millbury  
1935  
7.5-minute, 24000

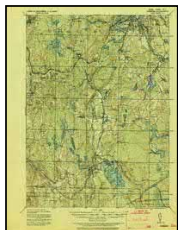


Leicester  
1937  
7.5-minute, 24000



Paxton  
1937  
7.5-minute, 24000

### 1921 Source Sheets



Webster  
1921  
15-minute, 62500

## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1918 Source Sheets



WEBSTER  
1918  
15-minute, 62500

### 1908 Source Sheets



Quinsigamond  
1908  
30-minute, 125000

### 1892 Source Sheets



Worcester  
1892  
15-minute, 62500



Webster  
1892  
15-minute, 62500

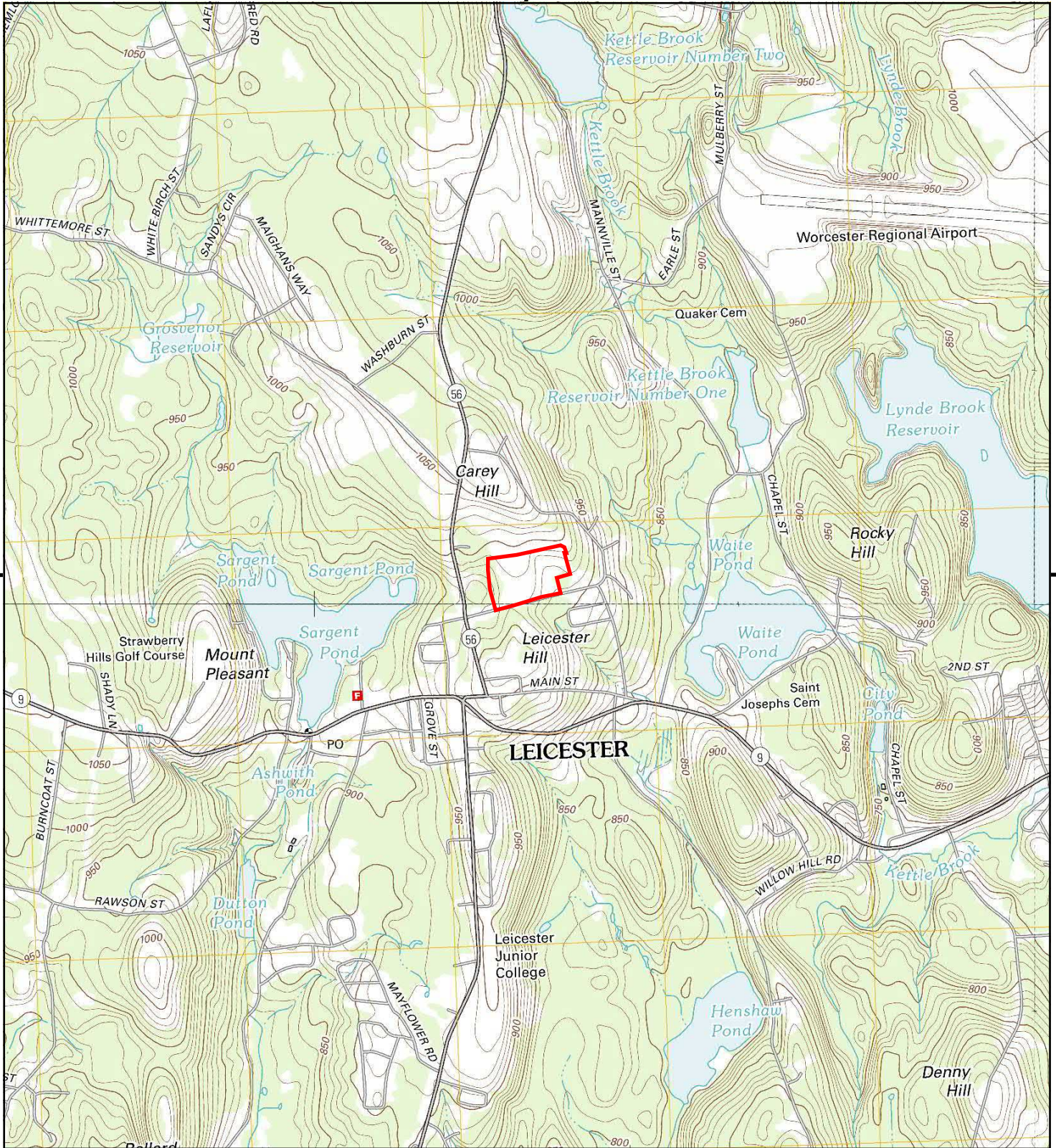
### 1886, 1889 Source Sheets



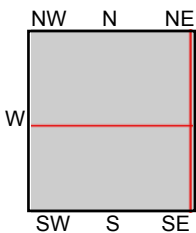
Worcester  
1886  
15-minute, 62500



Webster  
1889  
15-minute, 62500



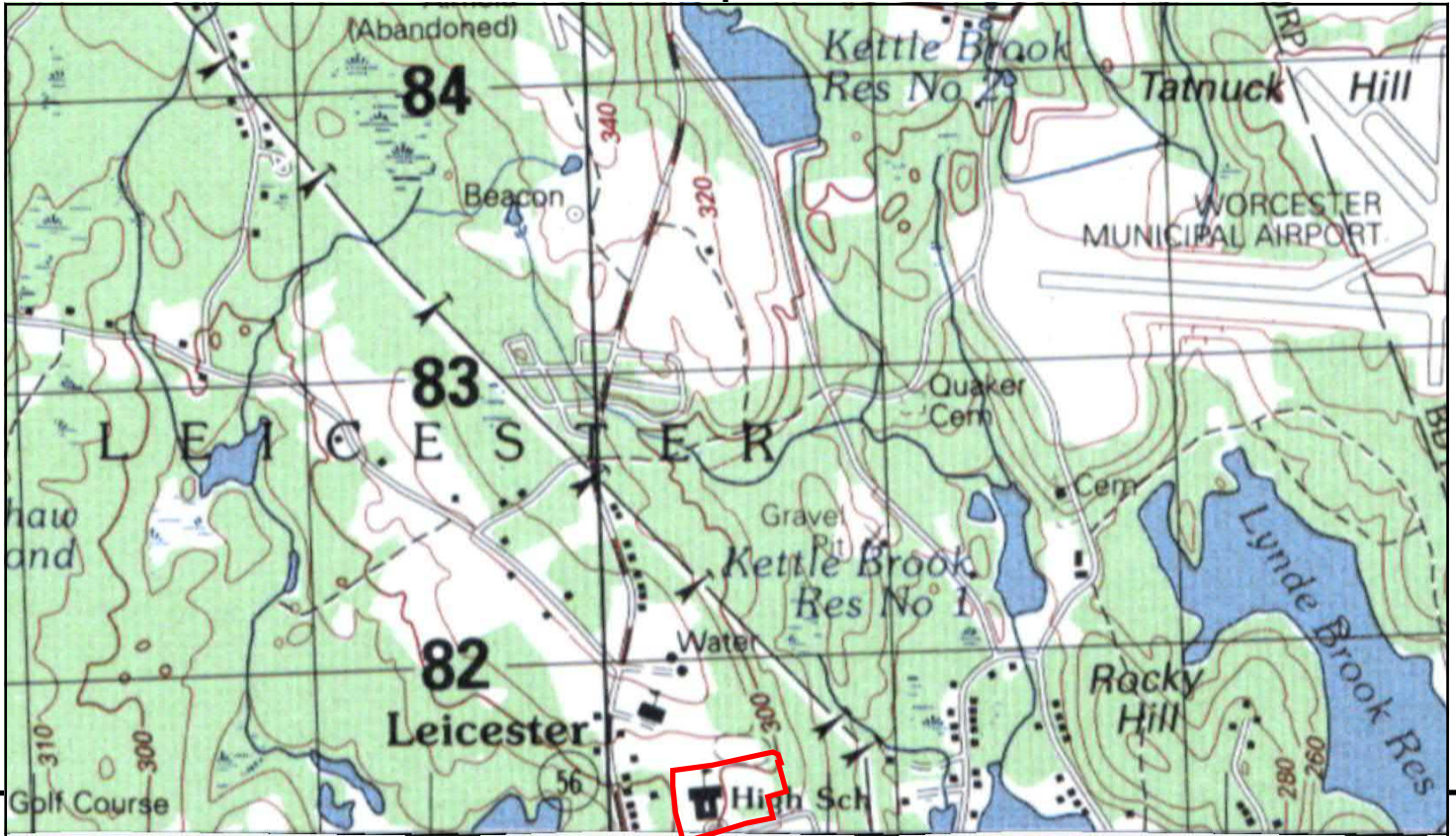
This report includes information from the following map sheet(s).



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 NE, Worcester North, 2012, 7.5-minute  
 SE, Worcester South, 2012, 7.5-minute  
 S, Leicester, 2012, 7.5-minute

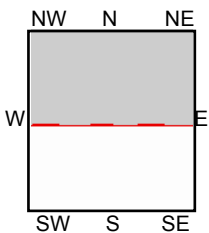
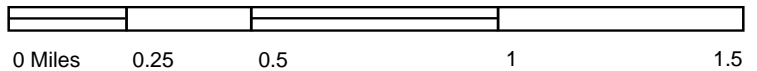
**SITE NAME:** Leicester Middle School  
**ADDRESS:** 70 Winslow Avenue  
 Leicester, MA 01524  
**CLIENT:** Fuss & O'Neill





UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED
UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED
UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED
UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED	UNMAPPED
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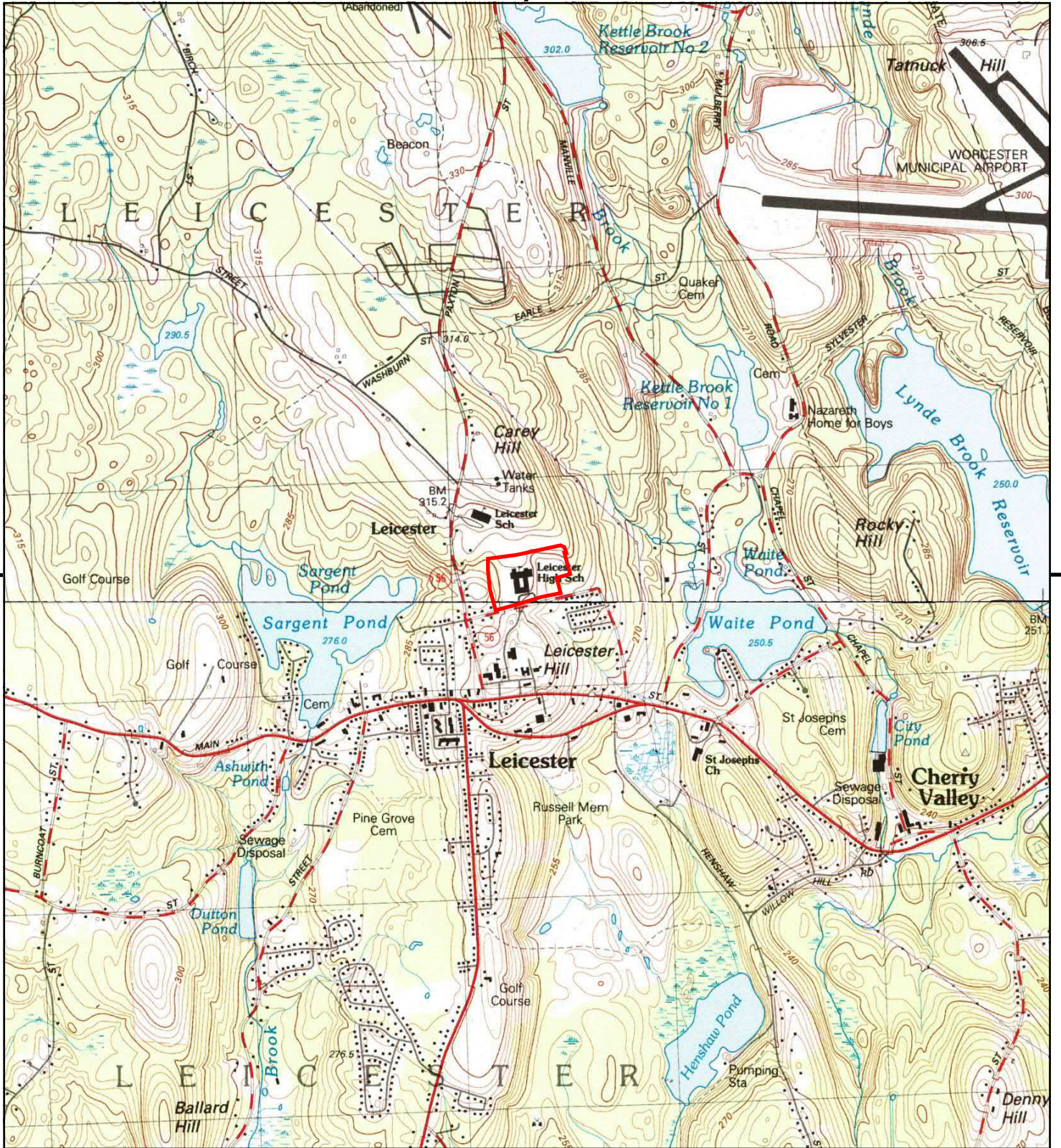
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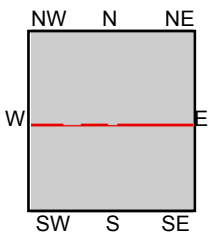
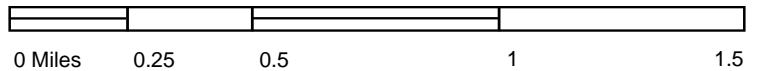
TP, WORCESTER NORTH, 1985, 15-minute

SITE NAME: Leicester Middle School  
 ADDRESS: 70 Winslow Avenue  
 Leicester, MA 01524  
 CLIENT: Fuss & O'Neill





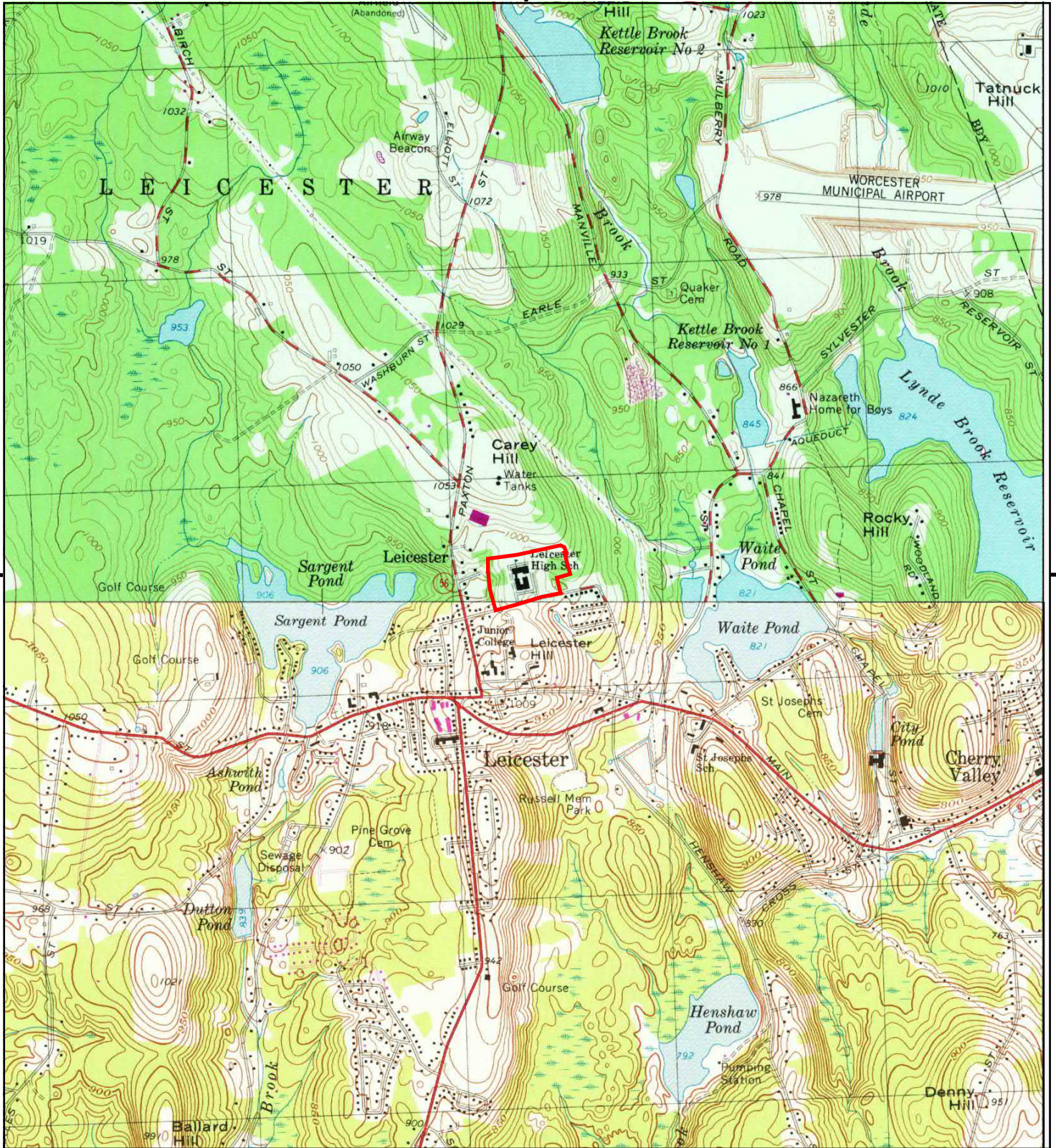
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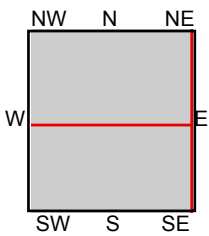
TP, Worcester North, 1983, 7.5-minute  
S, Worcester South, 1983, 7.5-minute

**SITE NAME:** Leicester Middle School  
**ADDRESS:** 70 Winslow Avenue  
Leicester, MA 01524  
**CLIENT:** Fuss & O'Neill





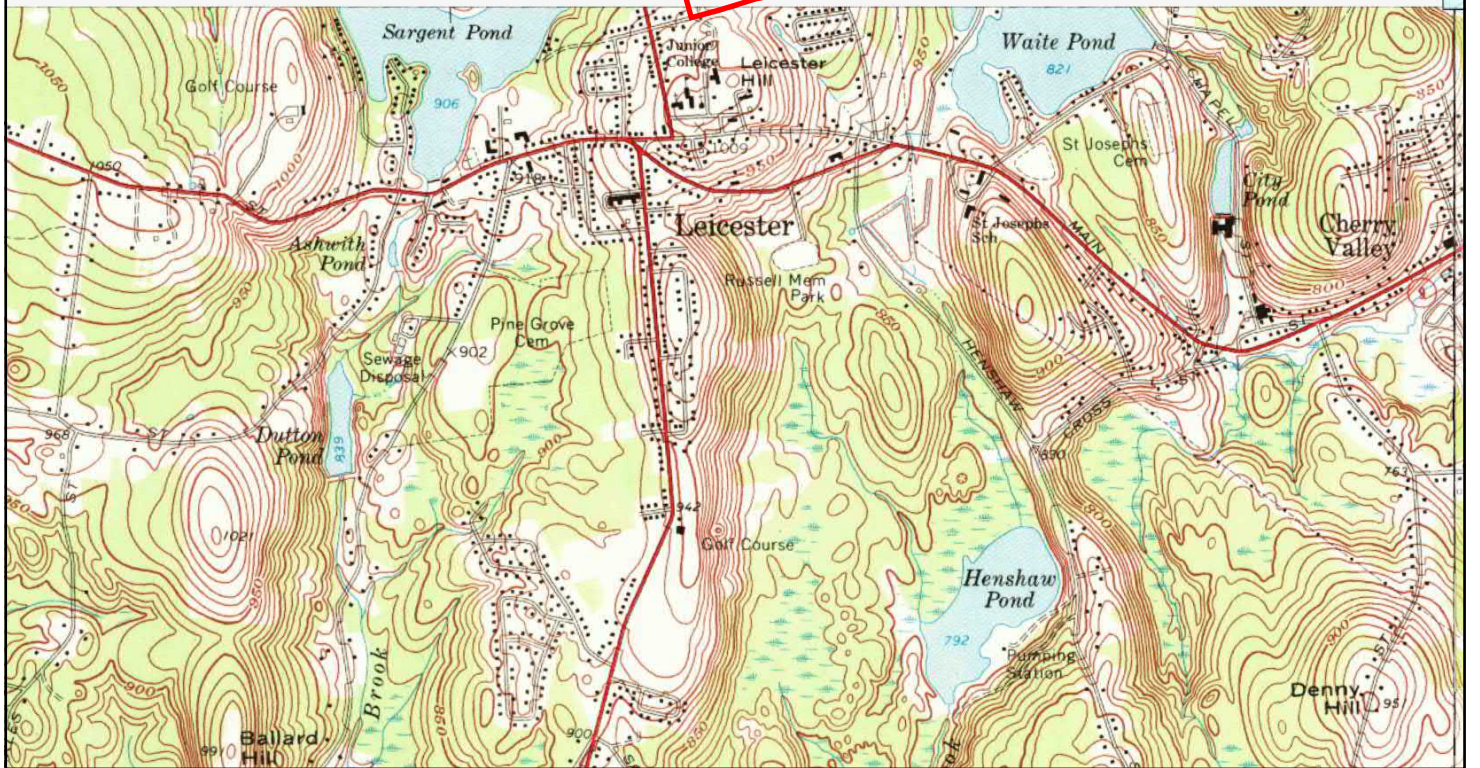
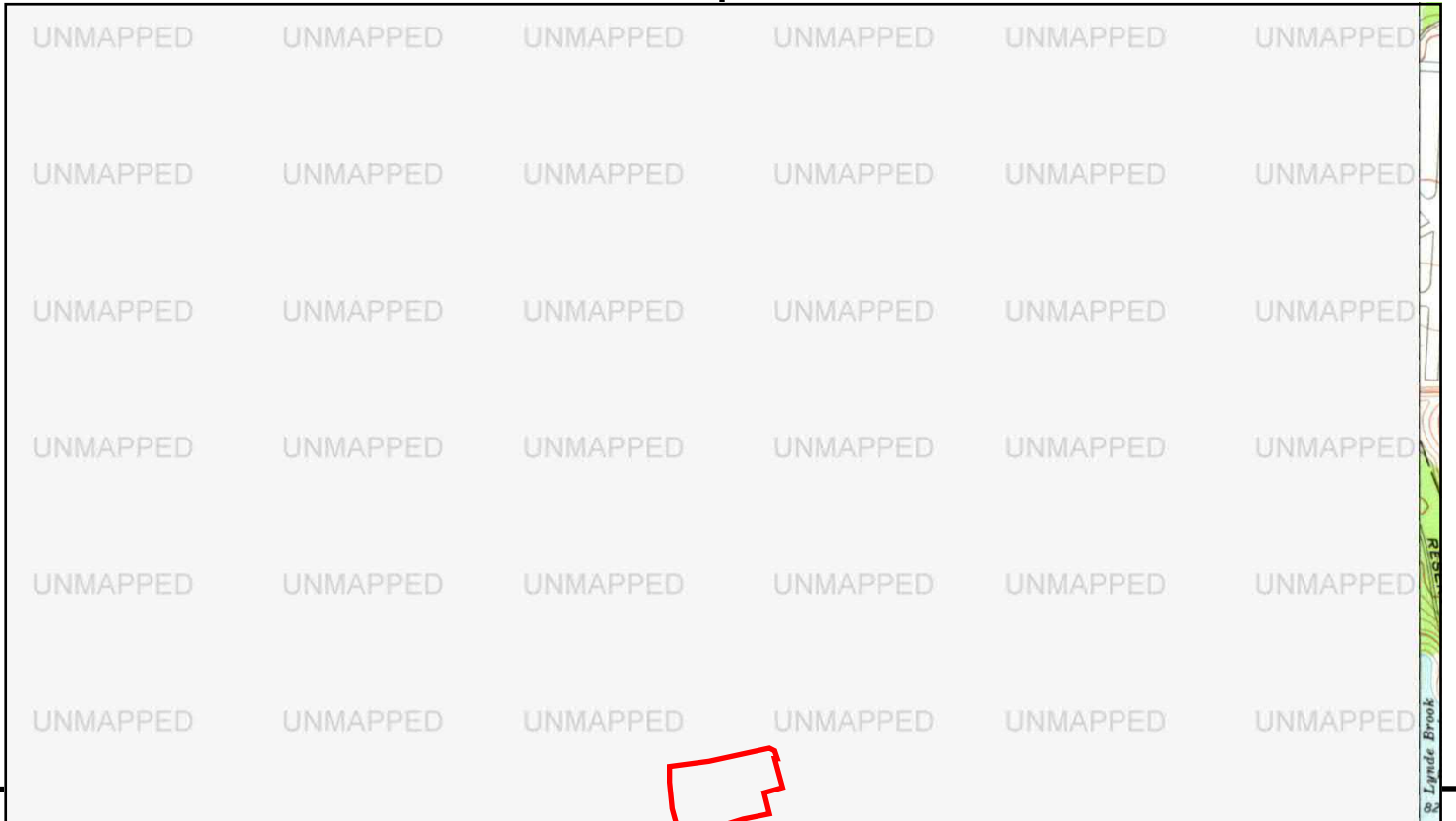
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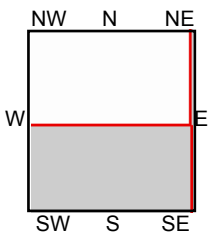
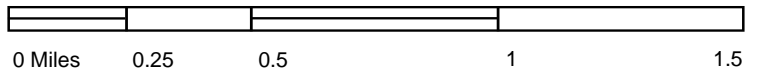
TP, Paxton, 1979, 7.5-minute  
S, Leicester, 1979, 7.5-minute

**SITE NAME:** Leicester Middle School  
**ADDRESS:** 70 Winslow Avenue  
Leicester, MA 01524  
**CLIENT:** Fuss & O'Neill





This report includes information from the following map sheet(s).

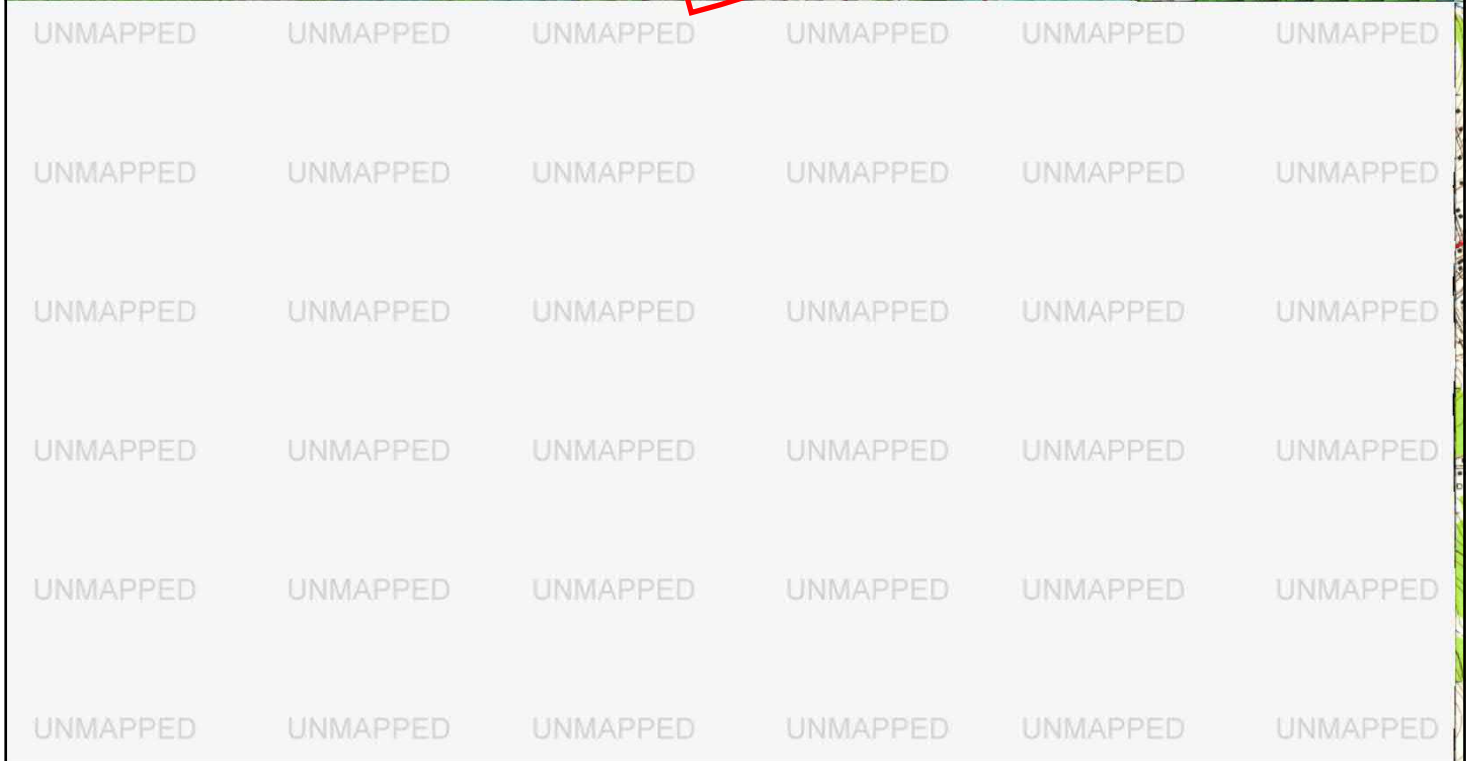


NE, WORCESTER NORTH, 1974, 7.5-minute  
 SE, Worcester South, 1973, 7.5-minute  
 S, Leicester, 1969, 7.5-minute

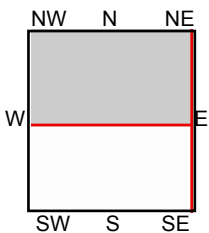
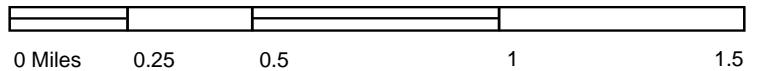
**SITE NAME:** Leicester Middle School  
**ADDRESS:** 70 Winslow Avenue  
 Leicester, MA 01524  
**CLIENT:** Fuss & O'Neill







This report includes information from the following map sheet(s).

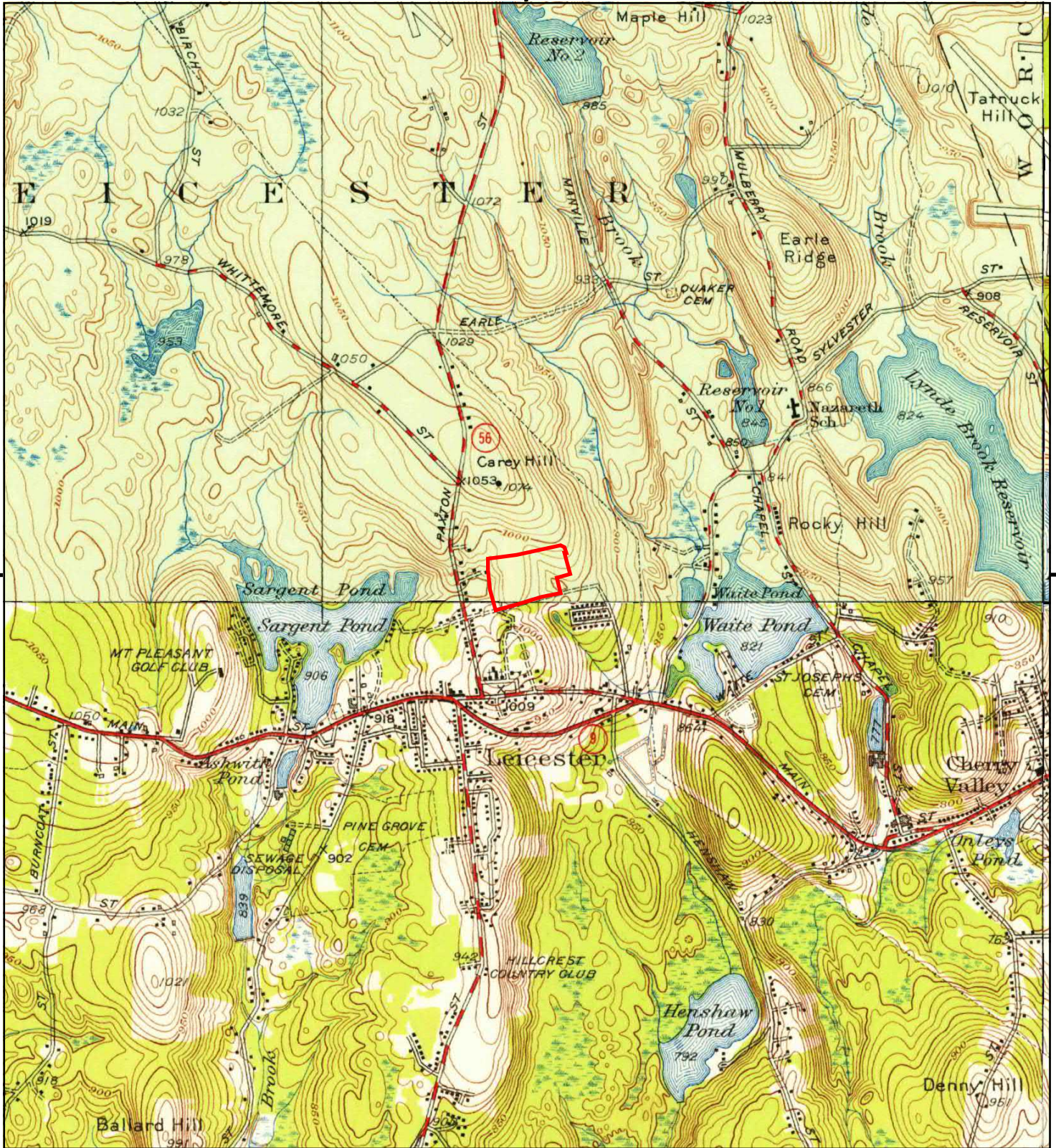


TP, Paxton, 1965, 7.5-minute  
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 SE, Worcester South, 1960, 7.5-minute

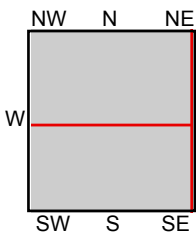
**SITE NAME:** Leicester Middle School  
**ADDRESS:** 70 Winslow Avenue  
 Leicester, MA 01524  
**CLIENT:** Fuss & O'Neill







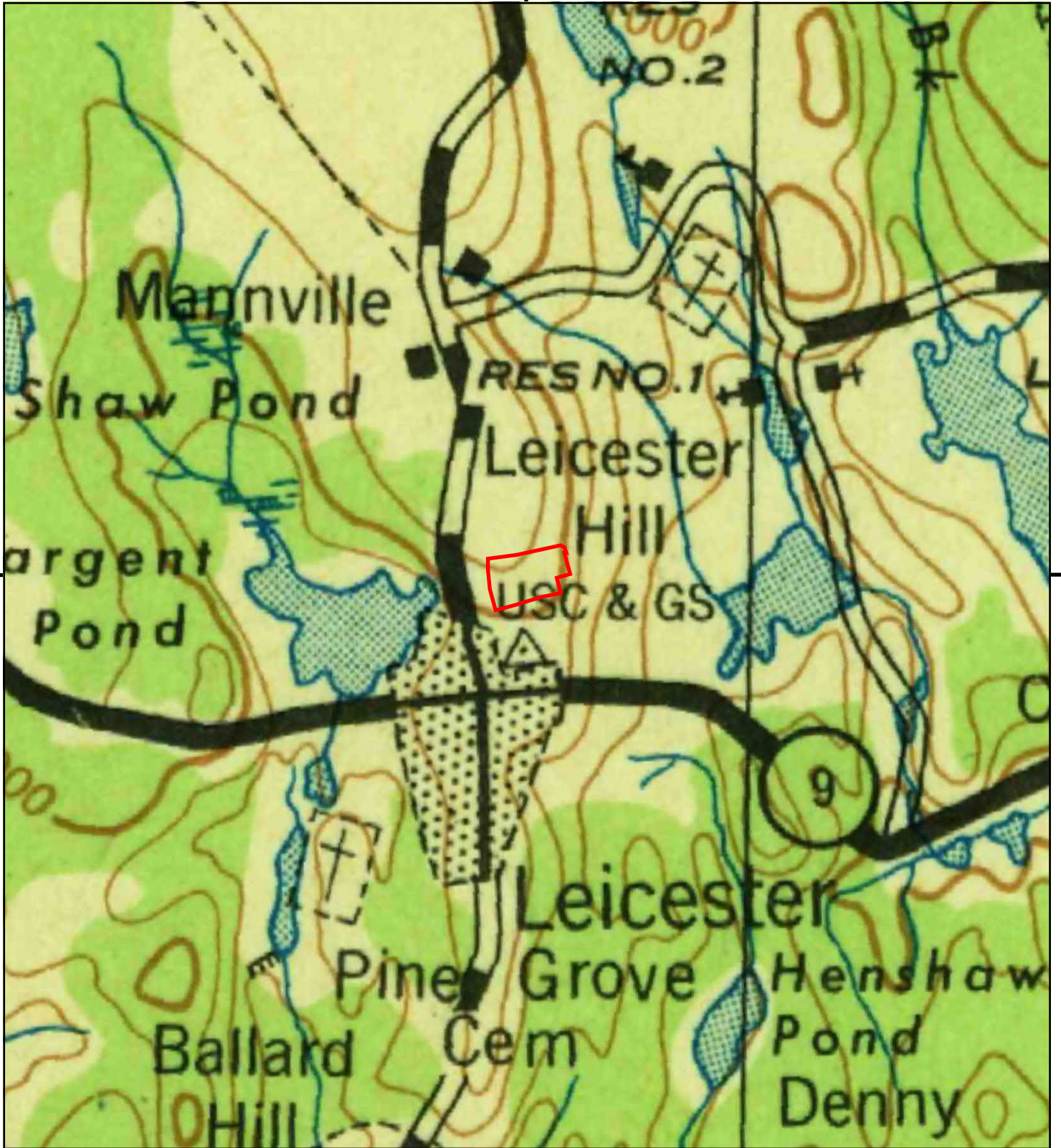
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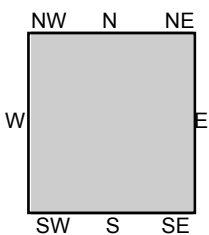
TP, Paxton, 1950, 7.5-minute  
 NE, Worcester North, 1948, 7.5-minute  
 SE, Worcester South, 1948, 7.5-minute  
 S, Leicester, 1953, 7.5-minute

**SITE NAME:** Leicester Middle School  
**ADDRESS:** 70 Winslow Avenue  
 Leicester, MA 01524  
**CLIENT:** Fuss & O'Neill





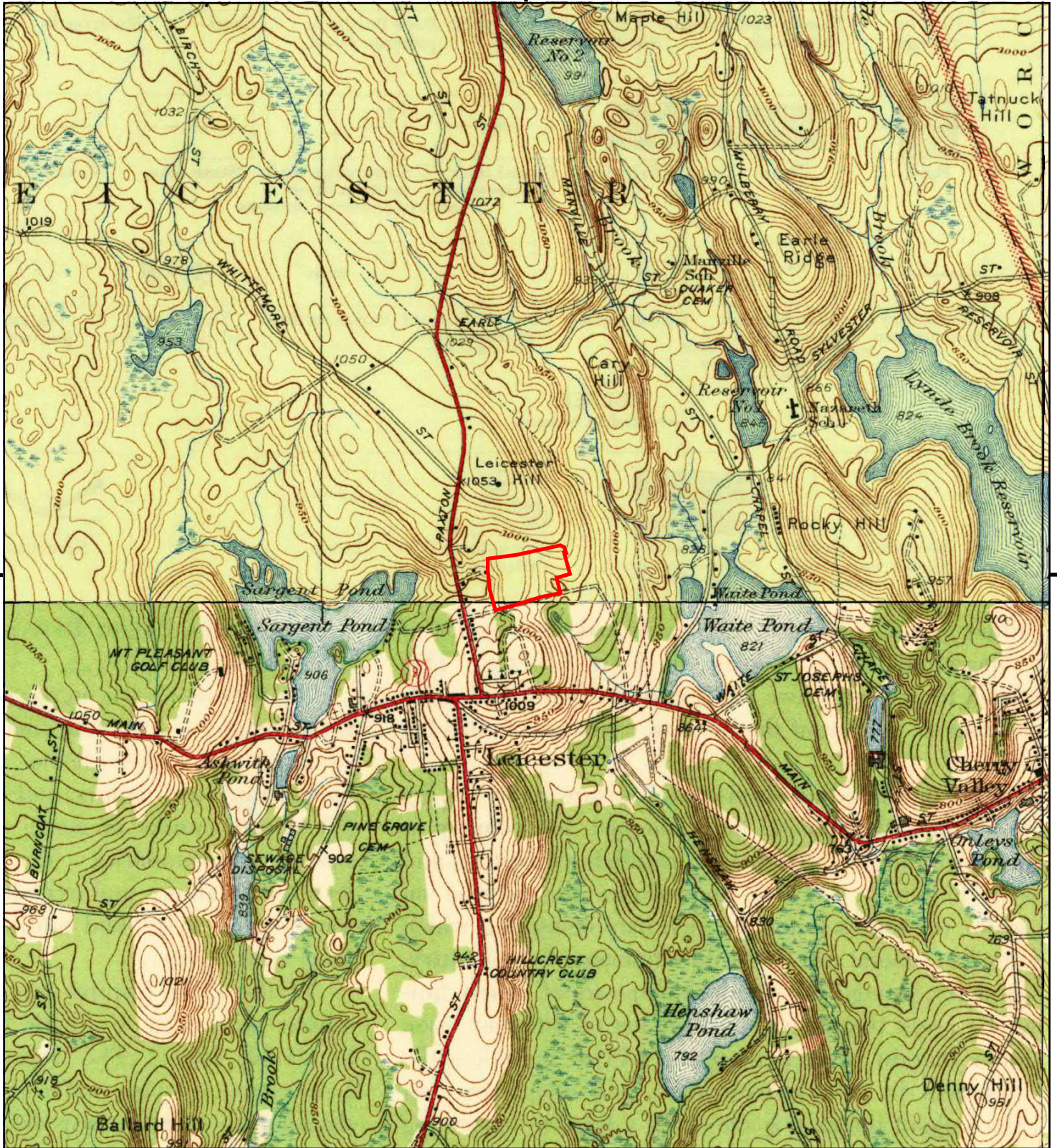
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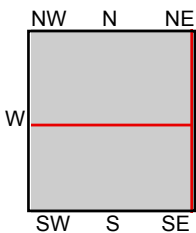
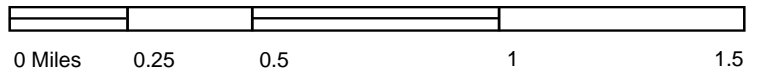
TP, Quinsigamond, 1943, 30-minute

SITE NAME: Leicester Middle School  
 ADDRESS: 70 Winslow Avenue  
 Leicester, MA 01524  
 CLIENT: Fuss & O'Neill





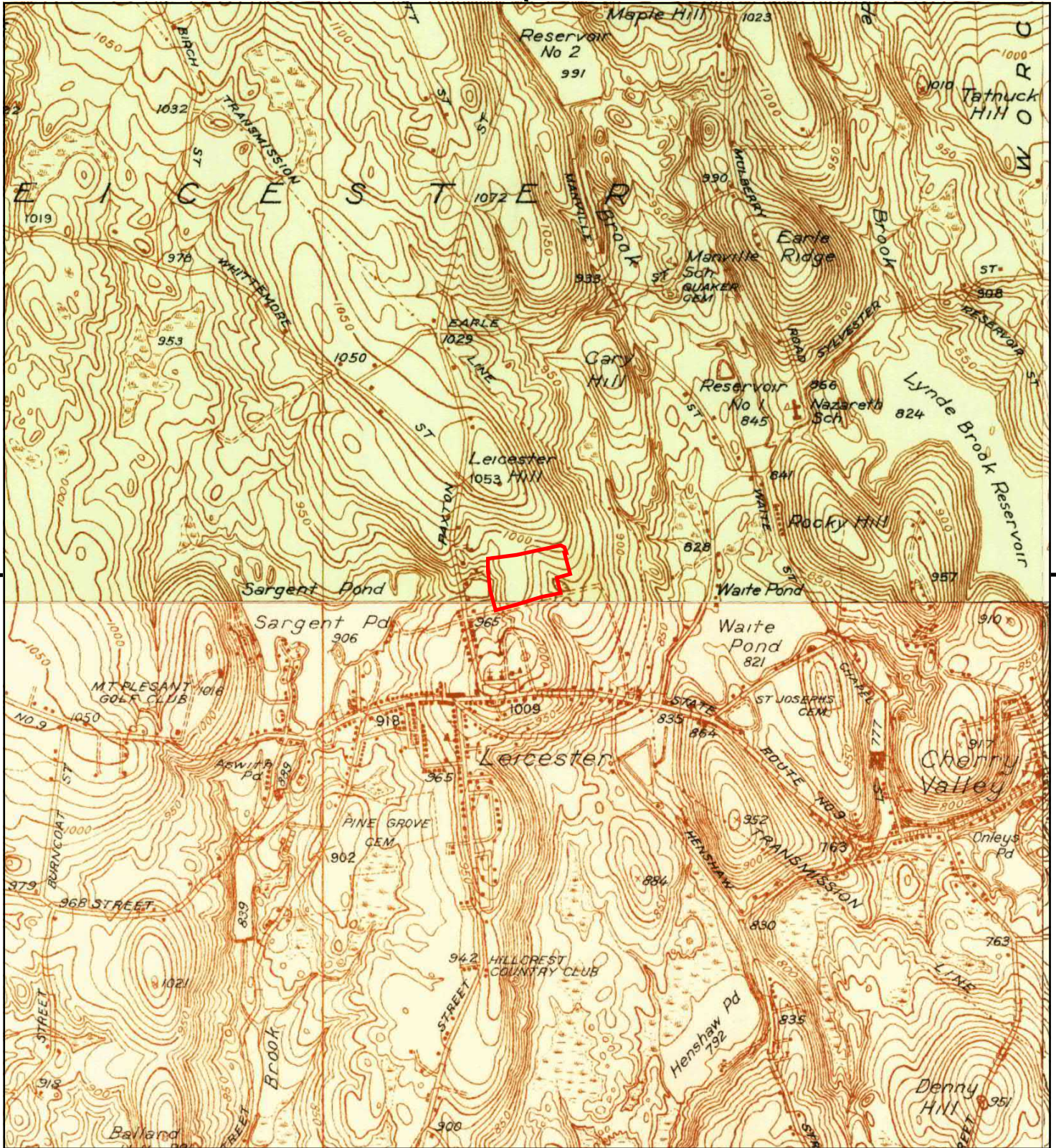
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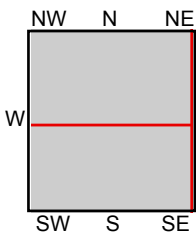
TP, Paxton, 1941, 7.5-minute  
 NE, Worcester North, 1939, 7.5-minute  
 SE, Worcester South, 1939, 7.5-minute  
 S, Leicester, 1941, 7.5-minute

**SITE NAME:** Leicester Middle School  
**ADDRESS:** 70 Winslow Avenue  
 Leicester, MA 01524  
**CLIENT:** Fuss & O'Neill





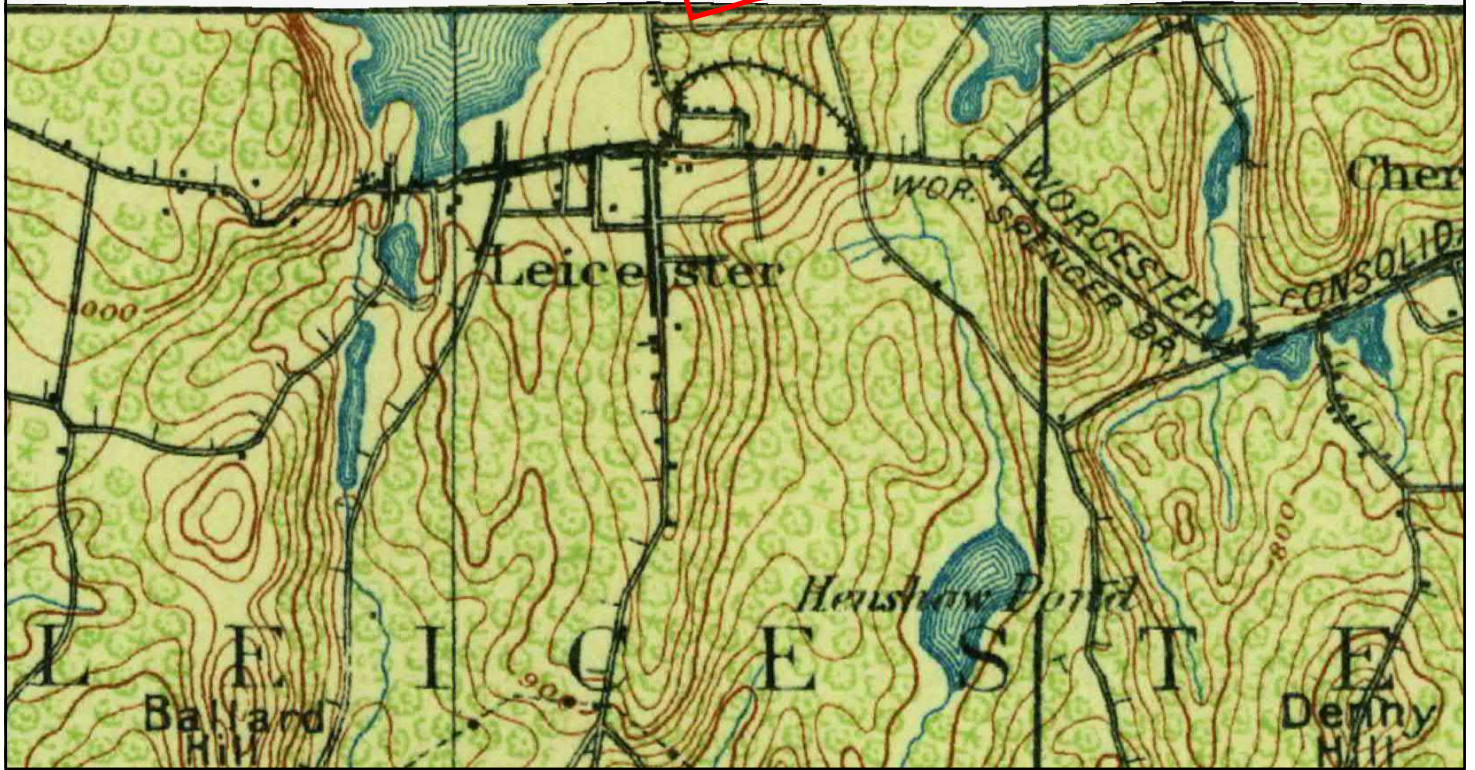
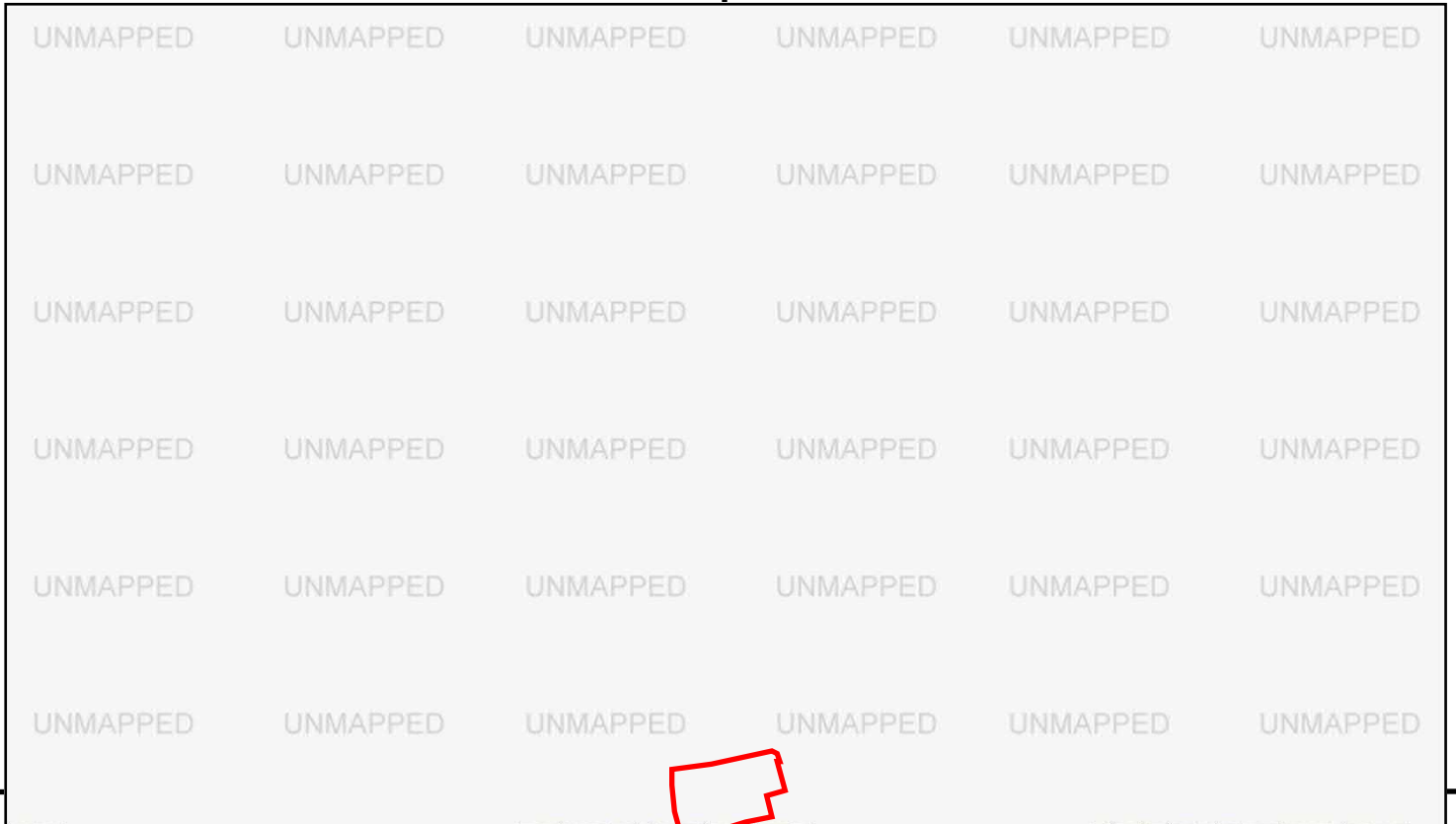
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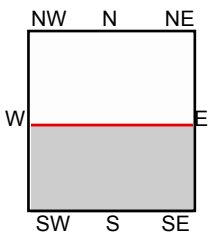
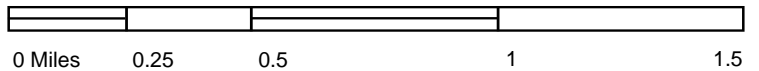
TP, Paxton, 1937, 7.5-minute  
 NE, Worcester, 1934, 7.5-minute  
 SE, Millbury, 1935, 7.5-minute  
 S, Leicester, 1937, 7.5-minute

SITE NAME: Leicester Middle School  
 ADDRESS: 70 Winslow Avenue  
 Leicester, MA 01524  
 CLIENT: Fuss & O'Neill





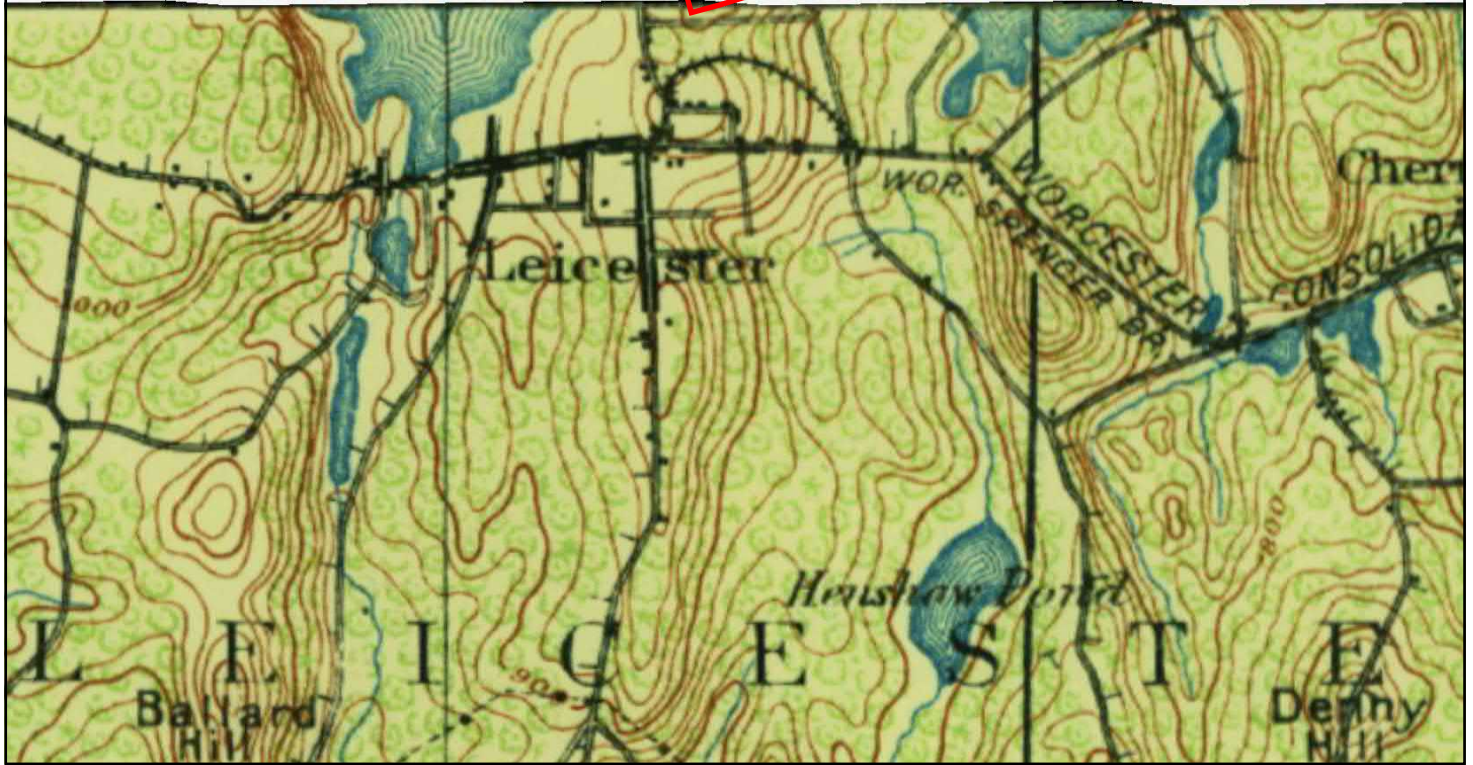
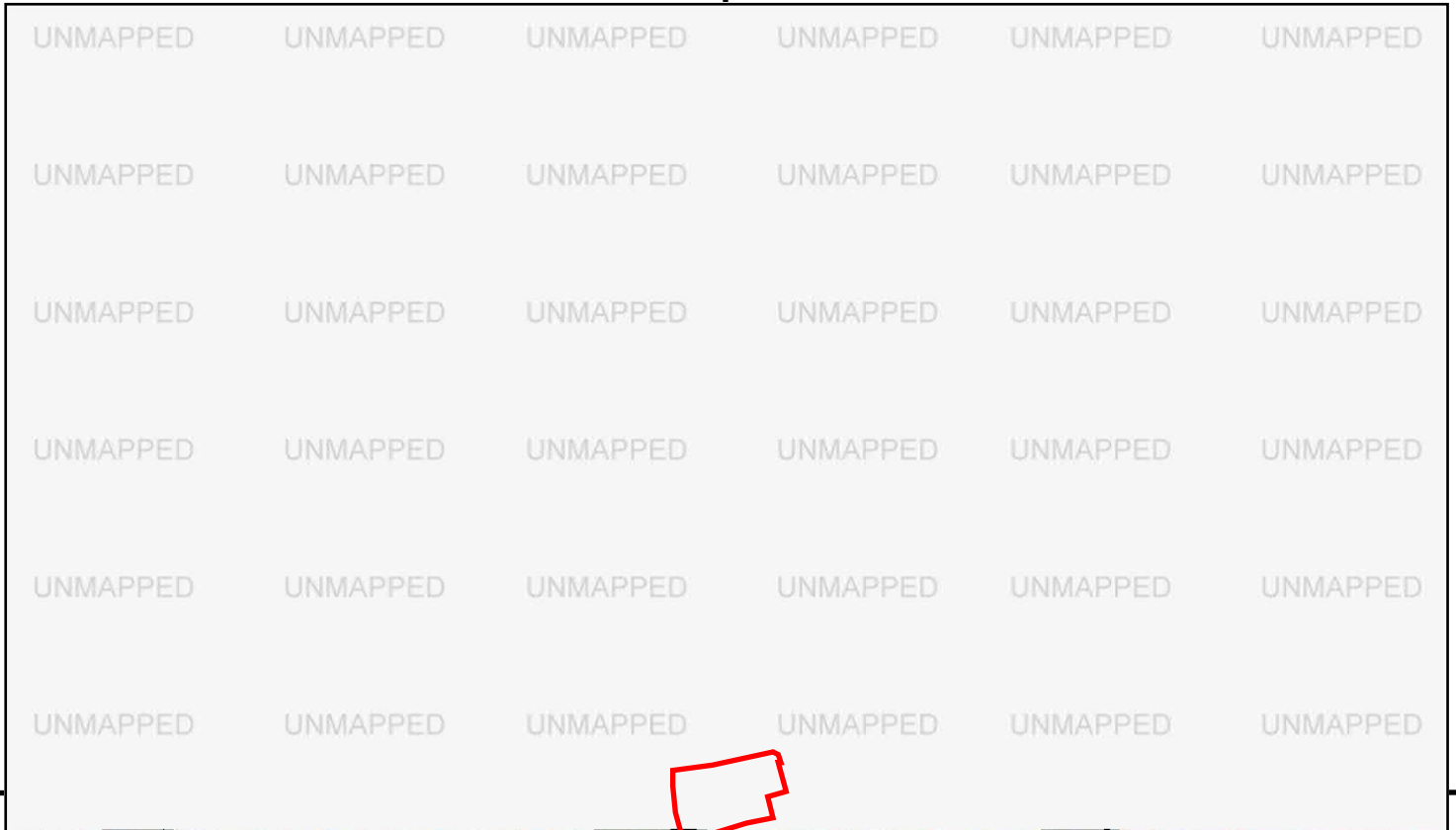
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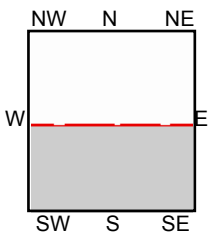
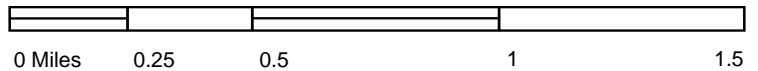
S, Webster, 1921, 15-minute

SITE NAME: Leicester Middle School  
 ADDRESS: 70 Winslow Avenue  
 Leicester, MA 01524  
 CLIENT: Fuss & O'Neill





This report includes information from the following map sheet(s).

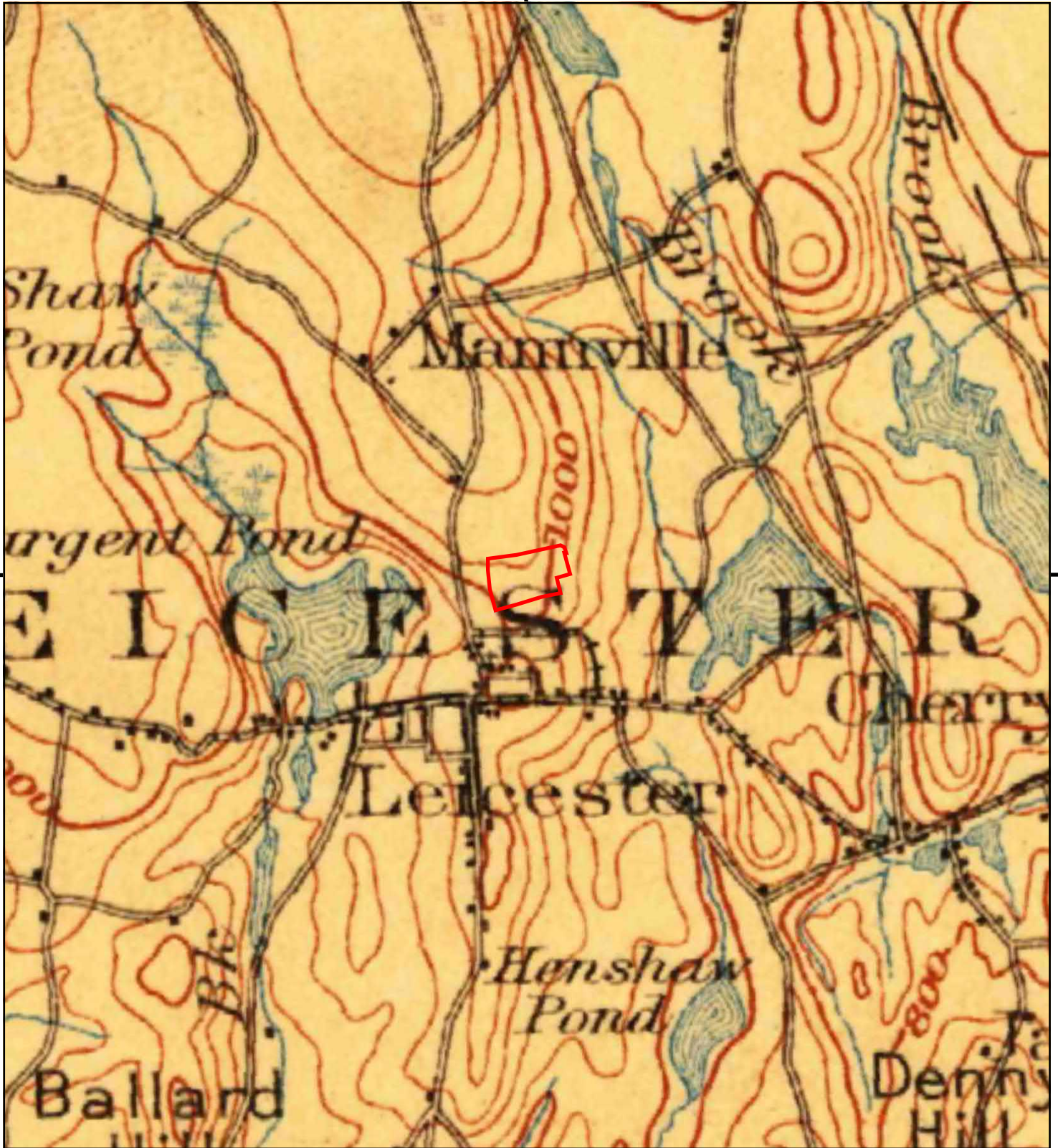


S, WEBSTER, 1918, 15-minute

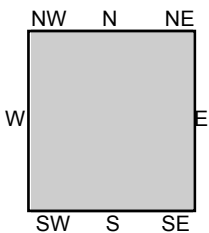
SITE NAME: Leicester Middle School  
 ADDRESS: 70 Winslow Avenue  
 Leicester, MA 01524  
 CLIENT: Fuss & O'Neill







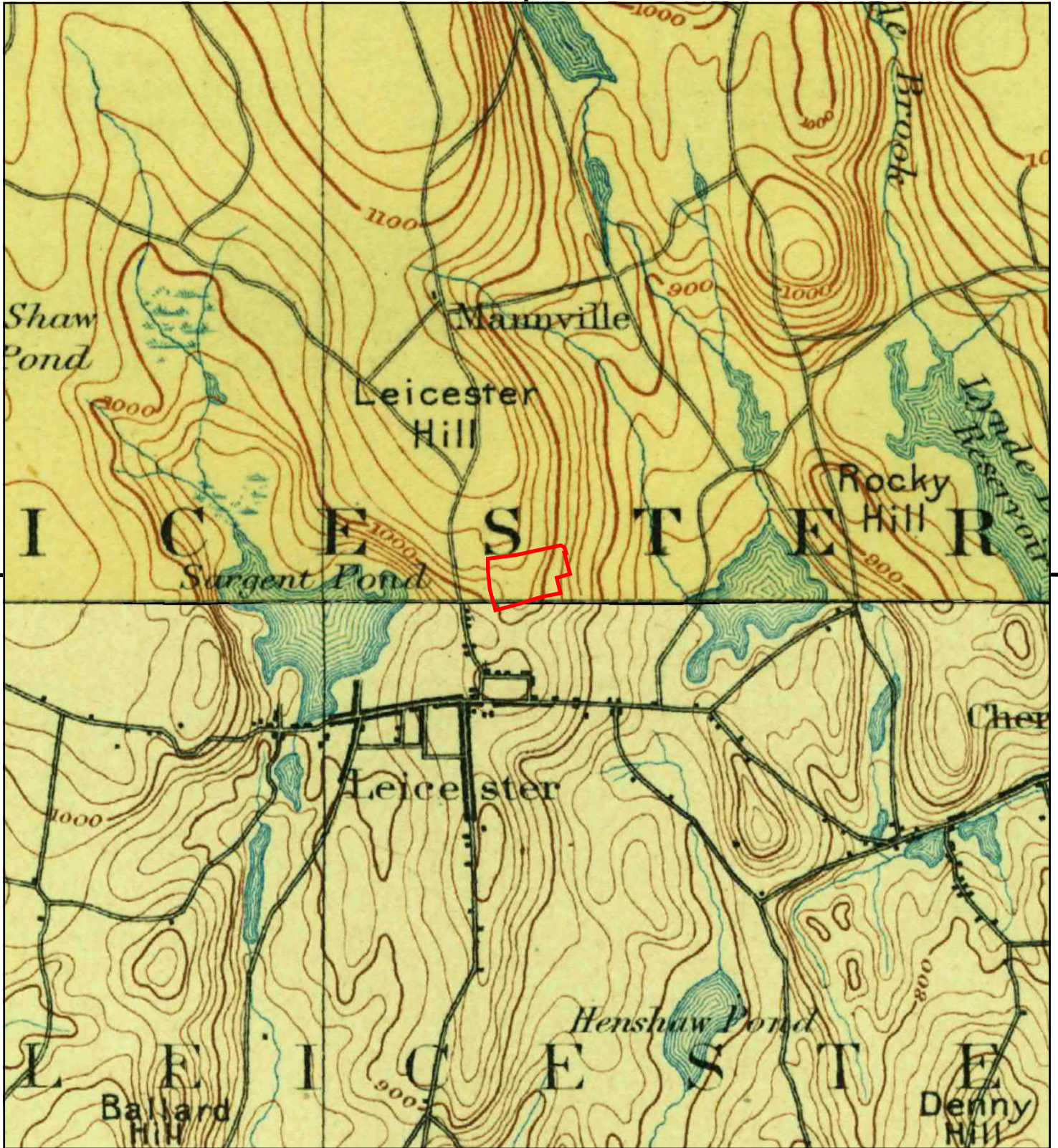
This report includes information from the following map sheet(s).



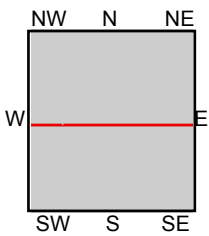
TP, Quinsigamond, 1908, 30-minute

SITE NAME: Leicester Middle School  
 ADDRESS: 70 Winslow Avenue  
 Leicester, MA 01524  
 CLIENT: Fuss & O'Neill





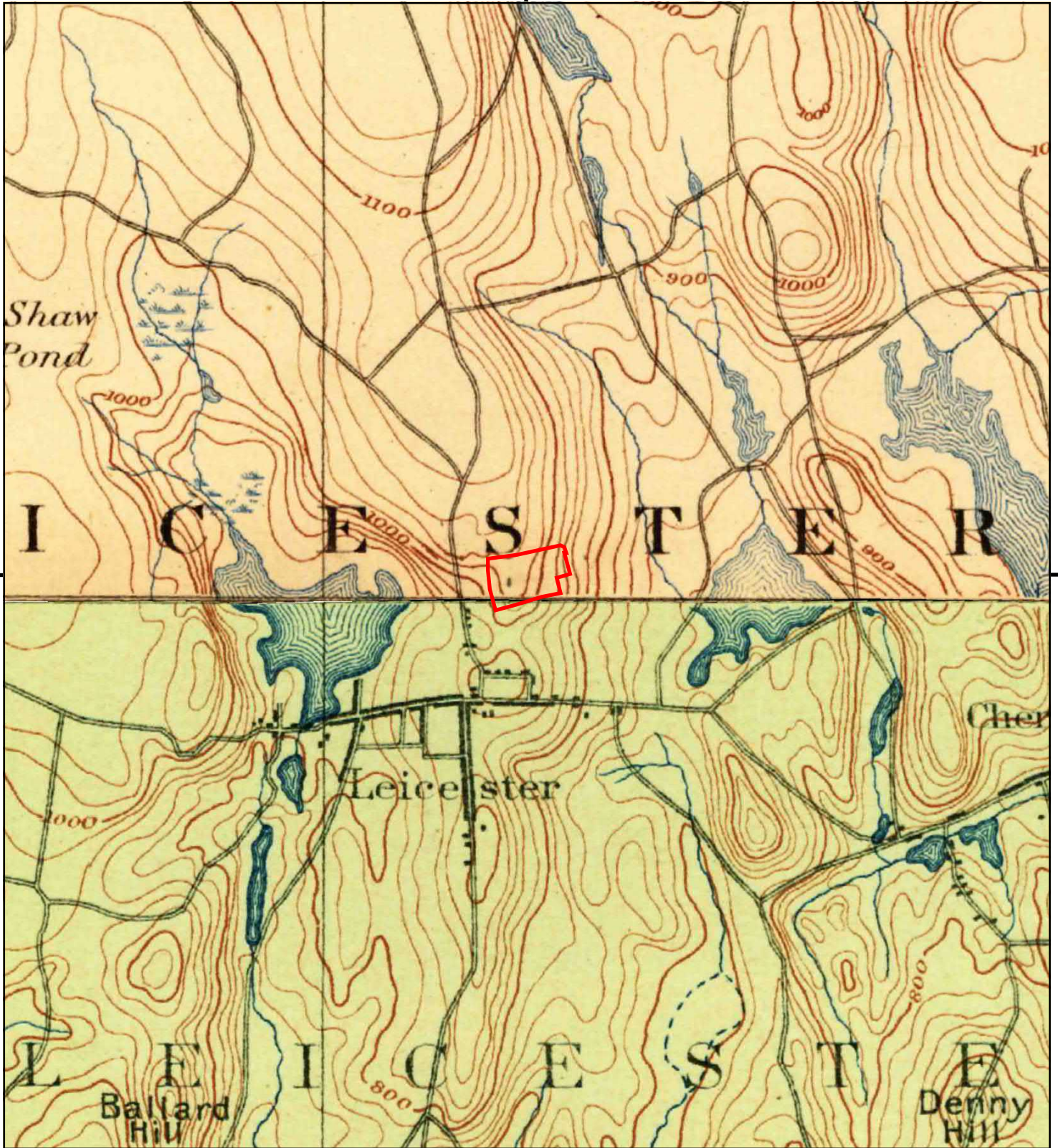
This report includes information from the following map sheet(s).



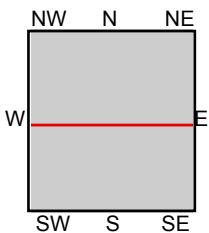
TP, Worcester, 1892, 15-minute  
S, Webster, 1892, 15-minute

SITE NAME: Leicester Middle School  
ADDRESS: 70 Winslow Avenue  
Leicester, MA 01524  
CLIENT: Fuss & O'Neill





This report includes information from the following map sheet(s).



TP, Worcester, 1886, 15-minute  
S, Webster, 1889, 15-minute

SITE NAME: Leicester Middle School  
ADDRESS: 70 Winslow Avenue  
Leicester, MA 01524  
CLIENT: Fuss & O'Neill



**Leicester Middle School**

70 Winslow Avenue  
Leicester, MA 01524

Inquiry Number: 5578369.5  
March 05, 2019

# The EDR-City Directory Image Report

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### SECTION

Executive Summary

Findings

City Directory Images

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1988	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1984	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1979	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1975	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1970	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1965	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO
1960	<input checked="" type="checkbox"/>	<input type="checkbox"/>	POLK DIRECTORY CO



## FINDINGS

### TARGET PROPERTY STREET

70 Winslow Avenue  
Leicester, MA 01524

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

### WINSLOW AVE

2014	pg A1	EDR Digital Archive
2010	pg A2	EDR Digital Archive
2005	pg A3	EDR Digital Archive
2000	pg A4	EDR Digital Archive
1995	pg A5	EDR Digital Archive
1992	pg A6	EDR Digital Archive
1988	pg A7	POLK DIRECTORY CO
1988	pg A8	POLK DIRECTORY CO
1984	pg A9	POLK DIRECTORY CO
1979	pg A10	POLK DIRECTORY CO
1975	pg A11	POLK DIRECTORY CO
1970	pg A12	POLK DIRECTORY CO
1965	pg A13	POLK DIRECTORY CO
1960	pg A14	POLK DIRECTORY CO



## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**

**WINSLOW AVE 2014**

9	PATRICKS SCOTT PATRICKS, LAWRENCE J
11	COLLARI, ANDREW K
13	BIGWOOD, ROBERT A
14	OCCUPANT UNKNOWN,
15	BRADY, THOMAS G
17	SOMERS, GUY R
20	AVON ORTIZ, ERIC
22	PICKETT, DIANE
24	BRENNAN, WILLIAM P
25	SPENCER, DAVID P
26	OCCUPANT UNKNOWN,
27	OCCUPANT UNKNOWN,
28	LEDBETTER, JOHN T
29	OCCUPANT UNKNOWN,
31	ADJOIAN, EVA M
33	SUNDGREN, GARY W
35	VOELLINGS, RALPH W
37	DAGOSTINO, JOHN D
39	BRENNAN, MATTHEW M
40	LEICESTER TOWN OF
41	PEARSON, SADLE
49	MCCALLUM, GLEN E
70	LEICESTER TOWN OF
78	STOLBERG LANDSCAPE STOLBERG, DANIEL B
79	LACROIX, RICHARD D
80	PARENT, ROBERT R
81	KULLA, KELLY G
82	BACKUNAS, J GOLDMAN, GILBERT I
84	BOUCHER, JOHN W FOURNIER, G M

**WINSLOW AVE 2010**

9	PATRICKS SCOTT PATRICKS, LAWRENCE J
11	COLLARI, ANDREW K
13	BIGWOOD, ROBERT A
14	REALE, FRANK R
15	BRADY, THOMAS G
17	SOMERS, GUY R
20	AVON OCCUPANT UNKNOWN, ORTIZ, ERIC
22	OCCUPANT UNKNOWN,
24	BRENNAN, WILLIAM P
25	GIUFFRIDA, PHILIP J
26	VIANO, MERIDITH A
27	OCCUPANT UNKNOWN,
28	LEDBETTER, JOHN T
29	DUROCHER, VICTOR J
31	ADJOIAN, EVA M
33	SUNDGREN, GARY W
35	VOELLINGS, RALPH W
37	DAGOSTINO, JOHN D
41	LONDERGAN, STEPHEN E
49	MCCALLUM, GLEN E
70	LEICESTER SCHOOL DISTRICT
78	PRESTES, ROBIN E
79	SHUGRUE, MARGARET M
80	PARENT, ROBERT R
81	YOUNG, JONATHAN D
82	BACKUNAS, J DICKINSON, AMY L LANGLOIS, RAYMOND F
84	BUDUSKI, VIVIAN D HALPERN, HENRY H WILLIAMSON, RONOLD

**WINSLOW AVE 2005**

11	COLLARI, ANDREW R
13	BIGWOOD, ROBERT A
14	REALE, FRANK R
15	BRADY, THOMAS G
17	OCCUPANT UNKNOWN,
20	DICKEN, JOHN M
	DOHERTY, NORMA D
	ICENHOUR, I
	ORTIZ, ERIC
22	SOMERS, GUY R
24	BRENNAN, WILLIAM
25	GIUFFRIDA, PHILIP J
26	VIANO, MERIDITH A
27	MACINTOSH, MICHAEL S
28	HUGHES, STEPHEN J
29	DUROCHER, CHRISTOPHER J
31	CONWAY, STEPHEN
33	SUNDGREN, GARY W
35	VOELLINGS, RALPH W
37	DAMBRA, JOHN E
39	TRAYNOR, RUTH M
41	MENCER, HELEN L
49	MCCALLUM, GLEN E
70	LEICESTER MIDDLE SCHOOL
78	VEAUDRY, RICHARD P
79	LACROIX, JOHN P
80	PARENT, ROBERT R
81	SHANK, WALTER W
	SHIELDS, CHARLES R
82	BACKUNAS, J
	DICKINSON, AMY L
	GERMAIN, JOHN
	LANGLOIS, RAYMOND F
84	HALPERN, HENRY H
	THOMAS, DOUGLAS J

**WINSLOW AVE 2000**

9 PATRICKS, MICHAEL J  
11 COLLARI, ANDREW  
13 BIGWOOD, ROBERT A  
14 REALE, FRANK  
15 BRADY, THOMAS G  
17 SOMERS, GUY R  
20 CURRIER, FAITH  
24 BRENNAN, CHERYL D  
25 GIUFFRIDA, PHILIP J  
27 MACINTOSH, DOROTHY M  
28 SOUSA, LEIGH A  
29 DUROCHER, ROBERT S  
31 BATSTONE, E H  
33 SUNDGREN, WILLIAM R  
35 VOELLINGS, RALPH W  
37 OCCUPANT UNKNOWN,  
39 TRAYNOR, RUTH M  
41 MENCER, HELEN L  
49 MCCALLUM, GLENN E  
70 LEICESTER CMNTY ACCESS TV 13  
78 DRIES, ROBERT  
79 LACROIX, RICHARD D  
SHEA, CAROLYN  
80 PARENT, ROBERT J  
81 PELLETIER, ANNE M  
SHANK, W W  
SHIELDS-SHANK, V  
82 BERGSTROM, LENNY G  
DICKINSON, AMY L  
84 HALPERN, JOAN B

**WINSLOW AVE 1995**

11	COGSWELL, GEORGE H III COGSWELL, GEORGE H, JR
13	HOKANSON, JOHN E
14	REALE, FRANK & JOYCE
17	SOMERS, GUY R & CHERYL A
20	CHANDLER, E J
25	GIUFFRIDA, PHILIP J
29	DUROCHER, VICTOR J & SUSAN
31	BATSTONE, HOWARD J
33	SUNDGREN, WM R
35	VOELLINGS, RALPH W
39	TRAYNOR, EDW J
41	MENCER, DONALD R
49	MCCALLUM, GLEN
70	LEICESTER TOWN OF
78	DRIES, ROBERT
79	RAND, MARWOOD E
81	SHIELDS, CHAS ROBT WETHERELL, LEON P
82	DYGERT, EDWIN E WHITE, D T
84	HALPERN, J B SADUSKY, DON

**WINSLOW AVE 1992**

13	HOKANSON, JOHN E
14	REALE, FRANK & JOYCE
15	BOURASSA, PAUL & JOAN
17	SOMERS, GUY R & CHERYL A
22	COGSWELL, GEORGE H, JR
	COGSWELL, STEVE
	JUAIRE, MICHELLE
	LAPRAD, BOB
25	GIUFFRIDA, PHILIP J
29	DUROCHER, VICTOR J & SUSAN
31	BATSTONE, HOWARD J
33	SUNDGREN, WM R
35	VOELLINGS, RALPH W
39	TRAYNOR, EDW J
41	MENCER, DONALD R
49	MCCALLUM, GLEN
78	CARROLL, STEPHEN
79	DALEY, SHAUN
	RAND, MARWOOD E
80	EMMETT, GEO J
81	SHIELDS, CHAS ROBT
	TAYLOR, R
82	BELANGER, DOUG
	DYGERT, EDWIN E
84	HALPERN, J B
	SADUSKY, DON



WINSLOW AVE 1988

**220**

**WINSLOW AV (LEICESTER)-FROM  
852 MAIN TO 96 PAXTON**

ZIP CODE 01524

9 Patricks

11 Thyden Otilia M © 892-3366

13 Hokanson Esther D © 892-8339

14 Reale Frank ©

## WINSLOW AVE 1988

**WINSLOW AV (L)-Contd**

- 15★Bourassa Paul © 892-3343  
17★Somers Guy © 892-8917  
20 Dunlop Eliz C © 892-3521  
22★Cogswell Steve 892-1568  
24★Brennan Eva H ©  
25 Giuffrida Philip J © 892-4372  
27 Vacant  
29 Durocher Victor J © 892-3393  
31 Batstone Eliz H Mrs © 892-8471  
33 Sundgren Wm R © 892-3208  
35 Voellings Ralph W © 892-4424  
37 Spalding Geo W Jr © 892-4323  
39 Traynor Ruth M Mrs © 892-3794  
41★Mercer Donald © 892-3141  
49 Mc Callum Glen E © 892-8481  
50 Leicester High School 892-9861  
78★Boynton Leonard P  
79 Rand Marwood E © 892-8671  
80 Emmett Geo J © 892-8586  
81 Shields Veronica H Mrs © 892-4192  
82 Dygert Edw E ©  
84★Halpern Joan B 892-9554

**205-C**

## WINSLOW AVE 1984

220

**WINSLOW AV (LEICESTER)—FROM 852  
MAIN TO 96 PAXTON**

ZIP CODE 01524

- 9 Hokanson Everett R © 892-8214  
 11 Thyden Otilia M © 892-3366  
 13 Hokanson Esther D © 892-8339  
 14 Rially Frank ©  
 20 Dunlop Eliz C © 892-3521  
 24 Cogswell Geo Wood Art furn mfr  
 Cogswell Geo H Jr © 892-8273  
 25 Giuffrida Philip J © 892-4372  
 27 Geronimo Marie Mrs ©  
 29 Durocher Victor J © 892-3393  
 31 Batstone Eliz H Mrs © 892-8471  
 33 Sundgren Wm R © 892-3208  
 35 Voellings Ralph W © 892-4424  
 37 Spalding Geo W Jr © 892-4323  
 39 Traynor Edw J © 892-3794  
 41 Londergan Helen L Mrs © 892-3141  
 49 Mc Callum Glen E © 892-8481  
 50 Leicester High School 892-9861  
 Leicester High Sch (Guidance Ofc)  
 78 Hamilton Herbert B Jr 892-4487  
 79 Rand Marwood E © 892-8671  
 80 Emmett Geo J © 892-8586  
 81 Shields Veronica H Mrs © 892-4192  
 82 Dygert Edw E ©  
 84 Spokis Alphonse J © 892-8835

WINSLOW AVE 1979

220

**WINSLOW AV (LEICESTER)—FROM 852  
MAIN TO 96 PAXTON**

**ZIP CODE 01524**

- 9 Hokanson Everett R © 892-8214  
 11 Thyden Harry A © 892-3366  
 13 Hokanson John E © 892-8339  
 14 Valentine Wilford bldg contr © 892-9396  
 20 Dunlop Gerald A © 892-3521  
 24 Coggsell Geo Furniture furn mfr  
 Coggsell Geo H Jr © 892-8273  
 25 Giuffrida Philip J © 892-4372  
 27 Geronimo Marie Mrs ©  
 29 Durocher Victor J © 892-3393  
 31 Batstone Eliz H Mrs © 892-8471  
 33★Sundgren Wm R © 892-3208  
 35 Voellings Ralph W © 892-4424  
 37 Spalding Geo W Jr © 892-4323  
 39 Traynor Edw J © 892-3794  
 41 Londergan Helen L Mrs © 892-3141  
 49 Mc Callum Glen E © 892-8481  
 50 Leicester High Sch 892-9861  
 Leicester High Sch (Guidance Ofc)  
 78★Hamilton Herbert B Jr © 892-4487  
 79 Rand Marwood E © 892-8671  
 80 Emmett Geo J © 892-8586  
 81 Shields Veronica H Mrs © 892-4192  
 82 Dygert Edw E ©  
 84★Spokis Alphonse J © 892-8835

## WINSLOW AVE 1975

220

**WINSLOW AV (LEICESTER)—FROM 852  
MAIN TO 96 PAXTON**

ZIP CODE 01524

- 9 Hokanson Everett R © 892-8214  
 11 Thyden Harry A © 892-3366  
 13 Hokanson John E © 892-8339  
 14 No Return  
 ★Valentine Wilford 892-9396  
 20 Dunlop Gerald A © 892-3521  
 25 Giuffrida Philip J © 892-4372  
 27 Geronimo Marie Mrs ©  
 29 Durocher Victor J © 892-3393  
 31 Batstone Eliz H Mrs © 892-8471  
 33 Sundgren Wm R © 892-3208  
 35 Voellings Ralph W © 892-4424  
 37 Spalding Geo W Jr © 892-4323  
 39 Traynor Edw J © 892-3794  
 41 Londergan Wm J Jr © 892-3141  
 49 Mc Callum Glen E © 892-8481  
 50 Leicester High Sch 892-9861  
 Leicester High Sch Guidance Ofc 892-3451  
 78★Michaels Ralph S © 892-4482  
 79 Rand Marwood E © 892-8671  
 80 Emmett Geo J © 892-8586  
 81 Shields Veronica H Mrs © 892-4192  
 82 Dygert Edw ©  
 84 Dave's Barber Shop  
 Valente David L © 892-3543  
 Royal Carpet Cleaners 892-3543

205

## WINSLOW AVE 1970

220

**WINSLOW AV (LEICESTER)—FROM 852  
MAIN TO 96 PAXTON**

ZIP CODE 01524

- 9 Hokanson Everett R © 895-3161  
 11 Thyden Harry A © 892-3366  
 13 Hokanson John E © 895-5171  
 14 De Costa Robt W  
     Patricks Russell C 892-3022  
 20 Bates Vance R © 895-9081  
 25 Giuffrida Philip J © 892-4372  
 27 Geronimo Marie Mrs © 892-3591  
 29 Durocher Victor J © 892-3393  
     Vacant  
 31 Batstone Howard J © 892-8471  
 33 Sundgren Wm R © 892-3208  
 35 Rushford James L © 892-4745  
 37 Spalding Geo W Jr © 892-4323  
 39 Traynor Edw J © 892-3794  
 41 Londergan Wm J Jr © 892-3141  
 49 Mc Callum James C © 895-9522  
 78 Baker Harvey G 892-4487  
 79 Rand Marwood E © 892-8671  
 80 Emmett Geo J © 892-0101  
 81 Shields Charles R 892-4192  
 82 Troeltsch Eliz E Mrs © TW2-4439  
 84 Dave's Barber Shop  
     Valente David L 892-2361

202

## WINSLOW AVE 1965

218

**WINSLOW AVENUE (Leicester) - From  
852 Main to 96 Paxton**

- 9 Hokanson Everett R © 895-3161  
 11 Thyden Harry A © 892-3366  
 13 Hokanson John E © 895-5171  
 14 Bergin Dennis M 892-3747  
 25 Giuffrida Philip J © 892-4372  
 27 Geronimo Michl A © 892-3591  
 29 Henderson Jas C © 892-3284  
 31 Batstone Eliz H Mrs © 892-8471  
 33 Sundgren Wm R © 892-3208  
 35 Stowell Warren A © 892-2621  
 37 Spalding Geo W jr © 892-4323  
 39 Traynor Edw J 892-3794  
 41 Londergan Wm J © 892-3141  
 49 McCallum Jas C © 892-9522  
 -- Leicester High School 895-3261  
 79 Rand Marwood E © 892-8671  
 80 Emmett Geo J © 892-0101  
 82 Troeltzsch Eliz E Mrs © 892-4439

226

## WINSLOW AVE 1960

**WINSLOW AVENUE — From 852****Main to 96 Paxton**

- 2△Hokanson Everett R ◎  
10△Thyden Harry ◎  
20△Hokanson John E ◎  
27△Geronimo Michl ◎  
28△Giuffrida Philip ◎  
29△Henderson Jas ◎  
32△Londergan Wm ◎  
33△Sundgren Wm R ◎  
35△Douville Raymond ◎  
37△Spolding Geo ◎  
49△Emmett Geo J ◎  
51△Troeltzsch Benj B ◎



**Leicester Middle School**

70 Winslow Avenue  
Leicester, MA 01524

Inquiry Number: 5578369.2s  
March 04, 2019

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

70 WINSLOW AVENUE  
LEICESTER, MA 01524

#### COORDINATES

Latitude (North): 42.2512460 - 42° 15' 4.48"  
Longitude (West): 71.9043410 - 71° 54' 15.62"  
Universal Transverse Mercator: Zone 19  
UTM X (Meters): 260401.2  
UTM Y (Meters): 4681543.5  
Elevation: 993 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5645764 PAXTON, MA  
Version Date: 2012  
  
South Map: 5644818 LEICESTER, MA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140721  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
 70 WINSLOW AVENUE  
 LEICESTER, MA 01524

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	LEICESTER MIDDLE SCH	70 WINSLOW AVE	LAST, RELEASE, ASBESTOS		TP
2	CROOK RESIDENCE	22 DEER POND DRIVE	LAST, RELEASE	Lower	461, 0.087, ESE
A3			AST	Higher	841, 0.159, NW
A4	LEICESTER HIGH SCHOO	174 PAXTON ST	SHWS, LUST, RELEASE	Higher	994, 0.188, NW
B5	EXXON #3-5817 FORMER	6 S MAIN ST	LUST, UST, RELEASE, ASBESTOS	Lower	1662, 0.315, SSW
B6	CUMBERLAND FARMS #20	10 S MAIN ST	LUST, UST, RELEASE, ENF, HW GEN	Lower	1715, 0.325, SSW
B7	TOSCO CORP	12 SOUTH MAIN ST	SHWS, RELEASE	Lower	1762, 0.334, SSW
8	TEXACO STATION	200 MAIN ST	SHWS, LUST, RELEASE	Lower	1865, 0.353, South
C9	SPRAGUE INC	2 GROVE ST	LUST, RELEASE	Lower	1896, 0.359, SW
10	ROADWAY RELEASE	865 MAIN ST	SHWS, RELEASE	Lower	1949, 0.369, SE
11	GETTY STATION FMR	154 MAIN ST	LUST, INST CONTROL, RELEASE	Lower	1953, 0.370, South
C12	NEW ENGLAND TELEPHON	14 GROVE ST	SHWS, RELEASE	Lower	2031, 0.385, SW
13	SILBERSTIEN RESIDENC	8 HENSHAW ST	SHWS, LAST, RELEASE	Lower	2086, 0.395, SSE
14	LEICESTER HOUSING AU	30 PLEASANT ST	SHWS, RELEASE	Lower	2098, 0.397, SSW
15	MAIN STREET CHERRY V	69 MAIN ST	SHWS, INST CONTROL, BROWNFIELDS, RELEASE, AIRS,...	Lower	2109, 0.399, South
16	VEHICLE ACCIDENT	61 PLEASANT ST	SHWS, RELEASE	Lower	2384, 0.452, SSW
D17	LEICESTER LANDFILL	151 MANNVILLE ST	SWF/LF	Lower	2487, 0.471, ENE
D18	RECYCLING CENTER	199 MANNVILLE ST	MERCURY	Lower	2487, 0.471, ENE
19	ST PUIS CHURCH	1163 MAIN ST	SHWS, RELEASE	Lower	2522, 0.478, SW
20	SERRATO SIGNS LLC	774 MAIN STREET	SHWS, RELEASE	Lower	2893, 0.548, SE
21	POLE 1	1 FELIX DR	SHWS, RELEASE	Lower	3809, 0.721, WSW

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
LEICESTER MIDDLE SCH 70 WINSLOW AVE LEICESTER, MA	LAST Release Tracking Number / Current Status: 2-0020320 / PSNC  RELEASE Release Tracking Number / Current Status: 2-0020320 / PSNC  ASBESTOS	N/A

## DATABASES WITH NO MAPPED SITES

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

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators

## EXECUTIVE SUMMARY

RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State and tribal leaking storage tank lists***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

FEMA UST..... Underground Storage Tank Listing  
UST..... Summary Listing of all the Tanks Registered in the State of Massachusetts  
INDIAN UST..... Underground Storage Tanks on Indian Land

### ***State and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
IHS OPEN DUMPS..... Open Dumps on Indian Land

### ***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL..... Delisted National Clandestine Laboratory Register  
US CDL..... National Clandestine Laboratory Register

### ***Local Land Records***

LIENS..... Liens Information Listing  
LIENS 2..... CERCLA Lien Information

### ***Records of Emergency Release Reports***

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Historical Spill List

## EXECUTIVE SUMMARY

SPILLS 90..... SPILLS 90 data from FirstSearch  
SPILLS 80..... SPILLS 80 data from FirstSearch

### ***Other Ascertainable Records***

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
FINDS..... Facility Index System/Facility Registry System  
UXO..... Unexploded Ordnance Sites  
ECHO..... Enforcement & Compliance History Information  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
FUELS PROGRAM..... EPA Fuels Program Registered Listing  
AIRS..... Permitted Facilities Listing  
DRYCLEANERS..... Regulated Drycleaning Facilities  
ENF..... Enforcement Action Cases  
Financial Assurance..... Financial Assurance Information Listing  
GWDP..... Ground Water Discharge Permits  
HW GEN..... List of Massachusetts Hazardous Waste Generators  
NPDES..... NPDES Permit Listing  
TIER 2..... Tier 2 Information Listing  
TSD..... TSD Facility

### **EDR HIGH RISK HISTORICAL RECORDS**

#### ***EDR Exclusive Records***

EDR MGP..... EDR Proprietary Manufactured Gas Plants

## EXECUTIVE SUMMARY

EDR Hist Auto..... EDR Exclusive Historical Auto Stations  
 EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### **Exclusive Recovered Govt. Archives**

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List  
 RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### **State- and tribal - equivalent CERCLIS**

SHWS: Contains information on releases of oil and hazardous materials that have been reported to DEP.

A review of the SHWS list, as provided by EDR, and dated 12/21/2018 has revealed that there are 12 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>LEICESTER HIGH SCHOO</i></b> Release Tracking Number / Current Status: 2-0011039 / RAO	<b><i>174 PAXTON ST</i></b>	<b><i>NW 1/8 - 1/4 (0.188 mi.)</i></b>	<b><i>A4</i></b>	<b><i>16</i></b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>TOSCO CORP</i></b> Release Tracking Number / Current Status: 2-0013404 / RAO	<b><i>12 SOUTH MAIN ST</i></b>	<b><i>SSW 1/4 - 1/2 (0.334 mi.)</i></b>	<b><i>B7</i></b>	<b><i>58</i></b>
<b><i>TEXACO STATION</i></b> Release Tracking Number / Current Status: 2-0013320 / RAO	<b><i>200 MAIN ST</i></b>	<b><i>S 1/4 - 1/2 (0.353 mi.)</i></b>	<b><i>8</i></b>	<b><i>60</i></b>
<b><i>ROADWAY RELEASE</i></b> Release Tracking Number / Current Status: 2-0013439 / RAO	<b><i>865 MAIN ST</i></b>	<b><i>SE 1/4 - 1/2 (0.369 mi.)</i></b>	<b><i>10</i></b>	<b><i>73</i></b>
<b><i>NEW ENGLAND TELEPHON</i></b> Release Tracking Number / Current Status: 2-0010465 / RAO	<b><i>14 GROVE ST</i></b>	<b><i>SW 1/4 - 1/2 (0.385 mi.)</i></b>	<b><i>C12</i></b>	<b><i>83</i></b>
<b><i>SILBERSTIEN RESIDENC</i></b> Release Tracking Number / Current Status: 2-0010643 / RAO	<b><i>8 HENSHAW ST</i></b>	<b><i>SSE 1/4 - 1/2 (0.395 mi.)</i></b>	<b><i>13</i></b>	<b><i>84</i></b>
<b><i>LEICESTER HOUSING AU</i></b>	<b><i>30 PLEASANT ST</i></b>	<b><i>SSW 1/4 - 1/2 (0.397 mi.)</i></b>	<b><i>14</i></b>	<b><i>89</i></b>



## EXECUTIVE SUMMARY

Release Tracking Number / Current Status: 2-0011883 / RAO				
<b>MAIN STREET CHERRY V</b>	<b>69 MAIN ST</b>	<b>S 1/4 - 1/2 (0.399 mi.)</b>	<b>15</b>	<b>91</b>
Release Tracking Number / Current Status: 2-0013351 / RAO				
<b>VEHICLE ACCIDENT</b>	<b>61 PLEASANT ST</b>	<b>SSW 1/4 - 1/2 (0.452 mi.)</b>	<b>16</b>	<b>101</b>
Release Tracking Number / Current Status: 2-0018587 / RAO				
<b>ST PUIS CHURCH</b>	<b>1163 MAIN ST</b>	<b>SW 1/4 - 1/2 (0.478 mi.)</b>	<b>19</b>	<b>104</b>
Release Tracking Number / Current Status: 2-0010411 / RAO				
<b>SERRATO SIGNS LLC</b>	<b>774 MAIN STREET</b>	<b>SE 1/2 - 1 (0.548 mi.)</b>	<b>20</b>	<b>105</b>
Release Tracking Number / Current Status: 2-0018900 / RAO				
<b>POLE 1</b>	<b>1 FELIX DR</b>	<b>WSW 1/2 - 1 (0.721 mi.)</b>	<b>21</b>	<b>108</b>
Release Tracking Number / Current Status: 2-0011600 / RAO				

### **State and tribal landfill and/or solid waste disposal site lists**

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Protection's Solid Waste Facility Database/Transfer Stations.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LEICESTER LANDFILL Database: LF PROFILES, Date of Government Version: 07/01/2015 Status: Closed	151 MANNVILLE ST	ENE 1/4 - 1/2 (0.471 mi.)	D17	103

### **State and tribal leaking storage tank lists**

LUST: Sites within the Releases Database that have a UST listed as its source.

A review of the LUST list, as provided by EDR, and dated 12/21/2018 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>LEICESTER HIGH SCHOO</b> Release Tracking Number / Current Status: 2-0017553 / RAO	<b>174 PAXTON ST</b>	<b>NW 1/8 - 1/4 (0.188 mi.)</b>	<b>A4</b>	<b>16</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EXXON #3-5817 FORMER</b> Release Tracking Number / Current Status: 2-0011963 / RAO	<b>6 S MAIN ST</b>	<b>SSW 1/4 - 1/2 (0.315 mi.)</b>	<b>B5</b>	<b>22</b>
<b>CUMBERLAND FARMS #20</b> Release Tracking Number / Current Status: 2-0011274 / TIERI Release Tracking Number / Current Status: 2-0011203 / RAO	<b>10 S MAIN ST</b>	<b>SSW 1/4 - 1/2 (0.325 mi.)</b>	<b>B6</b>	<b>28</b>
<b>TEXACO STATION</b> Release Tracking Number / Current Status: 2-0001034 / RAO	<b>200 MAIN ST</b>	<b>S 1/4 - 1/2 (0.353 mi.)</b>	<b>8</b>	<b>60</b>

## EXECUTIVE SUMMARY

Release Tracking Number / Current Status: 2-0012260 / RAO				
<b>SPRAGUE INC</b>	<b>2 GROVE ST</b>	<b>SW 1/4 - 1/2 (0.359 mi.)</b>	<b>C9</b>	<b>71</b>
Release Tracking Number / Current Status: 2-0000685 / RAO				
<b>GETTY STATION FMR</b>	<b>154 MAIN ST</b>	<b>S 1/4 - 1/2 (0.370 mi.)</b>	<b>11</b>	<b>75</b>
Release Tracking Number / Current Status: 2-0000443 / RAO				

LAST: The Leaking Aboveground Storage Tanks database

A review of the LAST list, as provided by EDR, and dated 12/21/2018 has revealed that there are 2 LAST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CROOK RESIDENCE</b>	<b>22 DEER POND DRIVE</b>	<b>ESE 0 - 1/8 (0.087 mi.)</b>	<b>2</b>	<b>11</b>
Release Tracking Number / Current Status: 2-0019883 / PSNC				
<b>SILBERSTIEN RESIDENC</b>	<b>8 HENSHAW ST</b>	<b>SSE 1/4 - 1/2 (0.395 mi.)</b>	<b>13</b>	<b>84</b>
Release Tracking Number / Current Status: 2-0010643 / RAO				

### **State and tribal registered storage tank lists**

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Protection's Summary Listing of all the Tanks Registered in the State of Massachusetts.

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported		<b>NW 1/8 - 1/4 (0.159 mi.)</b>	<b>A3</b>	<b>15</b>
Database: AST, Date of Government Version: 12/19/2018				
Release Tracking Number: 22586				

### **State and tribal institutional control / engineering control registries**

INST CONTROL: Activity and Use Limitations establish limits and conditions on the future use of contaminated property, and therefore allow cleanups to be tailored to these uses.

A review of the INST CONTROL list, as provided by EDR, and dated 12/21/2018 has revealed that there are 2 INST CONTROL sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GETTY STATION FMR</b>	<b>154 MAIN ST</b>	<b>S 1/4 - 1/2 (0.370 mi.)</b>	<b>11</b>	<b>75</b>
Release Tracking Number: 2-0000443				
<b>MAIN STREET CHERRY V</b>	<b>69 MAIN ST</b>	<b>S 1/4 - 1/2 (0.399 mi.)</b>	<b>15</b>	<b>91</b>
Release Tracking Number: 2-0013351				

## EXECUTIVE SUMMARY

### **State and tribal Brownfields sites**

BROWNFIELDS: Under Massachusetts law, M.G.L. c. 21E is the statute that governs the cleanup of releases of oil and/or hazardous material to the environment. The Brownfields Act of 1998 amended M.G.L. c. 21E by establishing significant liability relief and financial incentives to spur the redevelopment of brownfields, while ensuring that the Commonwealth's environmental standards are met. Most brownfields are redeveloped with the benefit of liability protections that operate automatically under M.G.L. c. 21E.

A review of the BROWNFIELDS list, as provided by EDR, has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>MAIN STREET CHERRY V</b>	<b>69 MAIN ST</b>	<b>S 1/4 - 1/2 (0.399 mi.)</b>	<b>15</b>	<b>91</b>
Database: BROWNFIELDS 2, Date of Government Version: 05/22/2017 MCP Status: RAO RTN: 2-0013351				

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Other Ascertainable Records**

MERCURY: A listing of locations, collecting and recycling for mercury-added products. Mercury is toxic to the human nervous system, as well as fish and animals. Mercury can enter the body either through skin absorption or through inhalation of mercury vapors. At room temperature, small beads of mercury will vaporize.

A review of the MERCURY list, as provided by EDR, and dated 05/07/2018 has revealed that there is 1 MERCURY site within approximately 0.5 miles of the target property.

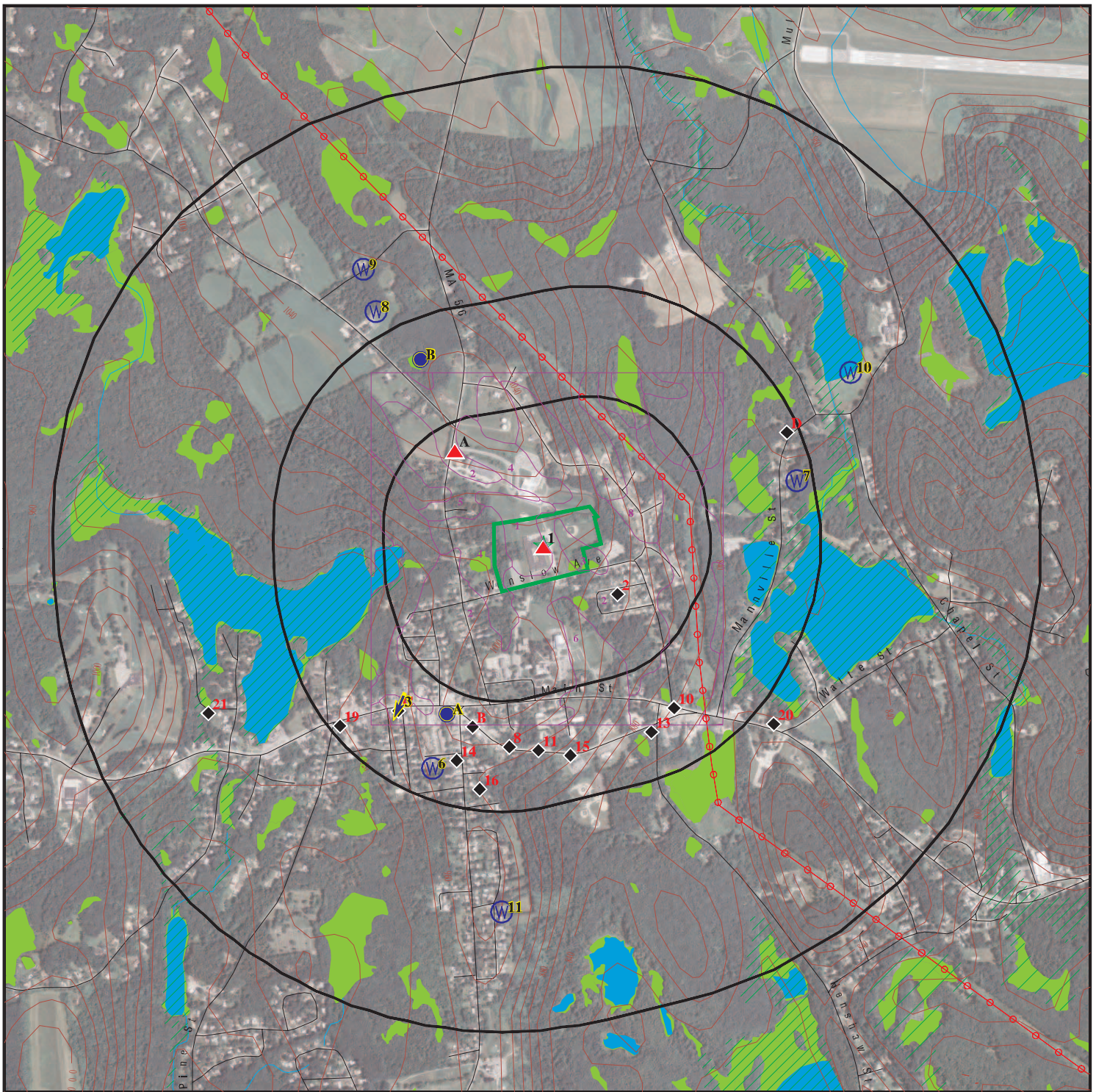
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RECYCLING CENTER	199 MANNVILLE ST	ENE 1/4 - 1/2 (0.471 mi.)	D18	103

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

<u>Site Name</u>	<u>Database(s)</u>
MASS ELECTRIC CO TRANSFORMER RELEA	SHWS, RELEASE
DL TERMINALS	SHWS, RELEASE
VEHICLE ACCIDENT	SHWS, RELEASE

# OVERVIEW MAP - 5578369.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Critical Environmental Concern

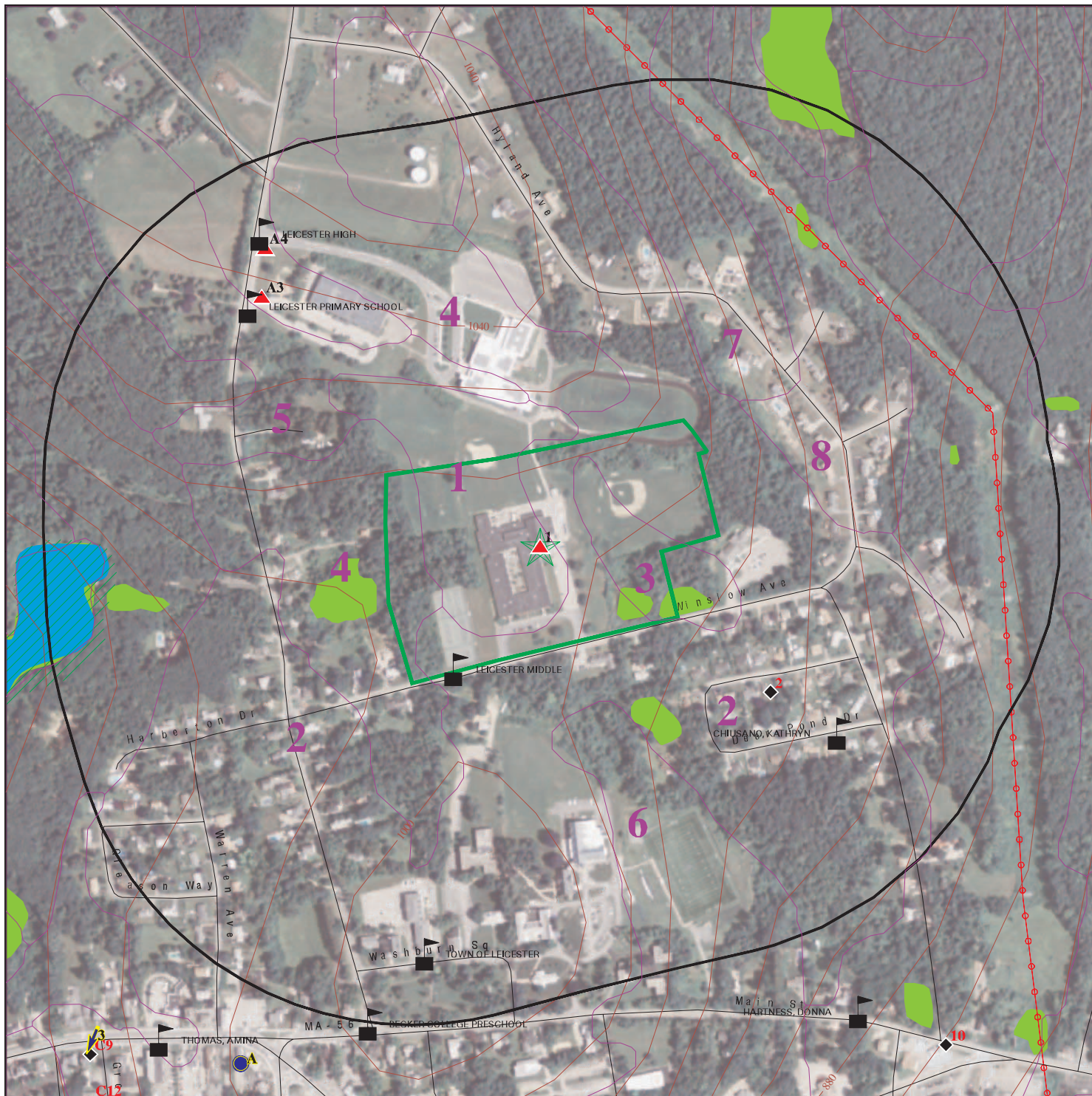









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Leicester Middle School  
 ADDRESS: 70 Winslow Avenue  
 Leicester MA 01524  
 LAT/LONG: 42.251246 / 71.904341

CLIENT: Fuss & O'Neill  
 CONTACT: Heidi Keller  
 INQUIRY #: 5578369.2s  
 DATE: March 04, 2019 8:29 am

# DETAIL MAP - 5578369.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

-  Areas of Critical Environmental Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Leicester Middle School  
 ADDRESS: 70 Winslow Avenue  
 Leicester MA 01524  
 LAT/LONG: 42.251246 / 71.904341

CLIENT: Fuss & O'Neill  
 CONTACT: Heidi Keller  
 INQUIRY #: 5578369.2s  
 DATE: March 04, 2019 8:29 am

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		0	1	9	2	NR	12
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	1	NR	NR	1
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	1	5	NR	NR	6
LAST	0.500	1	1	0	1	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
INST CONTROL	0.500		0	0	2	NR	NR	2
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	1	NR	NR	1
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
RELEASE	TP	1	NR	NR	NR	NR	NR	1
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP	1	NR	NR	NR	NR	NR	1
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
GWDP	TP		NR	NR	NR	NR	NR	0
HW GEN	0.250		0	0	NR	NR	NR	0
MERCURY	0.500		0	0	1	NR	NR	1
NPDES	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
TSD	0.500		0	0	0	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

RGA HWS	TP		NR	NR	NR	NR	NR	0
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## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		3	1	3	20	2	0	29

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1  
Target  
Property

LEICESTER MIDDLE SCHOOL  
70 WINSLOW AVE  
LEICESTER, MA

LAST  
RELEASE  
ASBESTOS

S119816816  
N/A

Actual:  
993 ft.

LAST:

Release Tracking Number/Current Status: 2-0020320 / PSNC  
Source Type: AST  
Release Town: LEICESTER  
Notification Date: 09/27/2017  
Category: TWO HR  
Associated ID: Not reported  
Status Date: 11/28/2017  
Phase: Not reported  
Response Action Outcome: PN - PN  
Oil Or Haz Material: Not reported

Chemicals:

Chemical: Not reported  
Quantity: Not reported  
Location Type: SCHOOL  
Source: AST

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 10/10/2017  
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 11/14/2017  
Response Action Outcome: PN

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 11/28/2017  
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO  
Action Status: PSNRCD  
Action Date: 11/28/2017  
Response Action Outcome: PN

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 11/28/2017  
Response Action Outcome: PN

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 11/28/2017  
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 11/29/2017  
Response Action Outcome: PN

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEICESTER MIDDLE SCHOOL (Continued)**

**S119816816**

Action Date: 11/9/2017  
Response Action Outcome: PN

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 9/27/2017  
Response Action Outcome: PN

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/27/2017  
Response Action Outcome: PN

Release:

Release Tracking Number/Current Status: 2-0020320 / PSNC  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 09/27/2017  
Category: TWO HR  
Status Date: 11/28/2017  
Phase: Not reported  
Response Action Outcome: PN - PN  
Oil / Haz Material Type: Not reported

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 10/10/2017  
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 11/14/2017  
Response Action Outcome: PN

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 11/28/2017  
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO  
Action Status: PSNRCD  
Action Date: 11/28/2017  
Response Action Outcome: PN

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 11/28/2017  
Response Action Outcome: PN

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 11/28/2017

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEICESTER MIDDLE SCHOOL (Continued)**

**S119816816**

Response Action Outcome: PN

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 11/29/2017  
Response Action Outcome: PN

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 11/9/2017  
Response Action Outcome: PN

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 9/27/2017  
Response Action Outcome: PN

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/27/2017  
Response Action Outcome: PN

Chemicals:  
Chemical: Not reported  
Quantity: Not reported  
Location Type: SCHOOL  
Source: AST

ASBESTOS:  
Notification: Not reported  
DEP Region: Not reported  
Notifiers Name: Not reported  
Start Date: 01/16/2007  
End Date: 01/16/2007  
Date Entered: Not reported  
Entry Date: 01/02/2007  
Quantity Material Removed SF: 40.00  
Quantity Material Removed LF: .00  
Project Description: Trns  
AR Tracking ID: 77801  
Super Lic Number: AS034197  
Monitor Lic Number: Not reported  
Lab Lic Number: Not reported  
Year: 2007  
Sticker Number: 100049893  
Form Type: ANF-001  
Fee Status: Exempt  
Facility Phone: 5088927055  
Sub Town: Not reported  
Worksite: BOILER ROOM  
Occupied: -1  
Contractor: AC000326  
Contract Type: WRITTEN  
Hours: Week days: 7:30-9:30 Week end:  
Project Type: Oth:PICK-UP  
Abatement Process: Disp

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LEICESTER MIDDLE SCHOOL (Continued)**

**S119816816**

Location:	Indoors
Decon Process:	N/A
Disposal Methods:	ACM WET, DBL. 6 MIL POLY LABELED BAGS, SEALED LOCKABLE CONT. PROPER LANDFIL
Facility Usage:	MIDDLE SCHOOL
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	5
Owner Name:	TOWN OF LEICESTER
Owner Address:	3 WASHBURN SQUARE
Owner City:	LEICESTER
Owner State:	MA
On Site Manager Name:	N/A
On Site Manager Phone:	Not reported
Ins Comp:	AIM MUTUAL
Policy Number:	7012381012006
EXP Date:	3/1/2007
Facility Size:	48000
Transporter Name:	A&E ENVIRONMENTAL
Transporter Address:	68 BACON STREET
Transporter City:	WESTMINSTER
Transporter State:	Not reported
Final Site:	7
Certified Name:	CLIFFORD J. HUBBARD
Cert Sign Date:	01/02/2007
Certified Company:	A&E ENVIRONMENTAL
Certified Phone:	9788741871
Entered_by:	Not reported

**2**  
**ESE**  
**< 1/8**  
**0.087 mi.**  
**461 ft.**

**CROOK RESIDENCE**  
**22 DEER POND DRIVE**  
**LEICESTER, MA**

**LAST** **S118643330**  
**RELEASE** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**945 ft.**

**LAST:**  
 Release Tracking Number/Current Status: 2-0019883 / PSNC  
 Source Type: AST  
 Release Town: LEICESTER  
 Notification Date: 05/31/2016  
 Category: TWO HR  
 Associated ID: Not reported  
 Status Date: 03/13/2017  
 Phase: Not reported  
 Response Action Outcome: PN - PN  
 Oil Or Haz Material: Not reported

**Chemicals:**  
 Chemical: Not reported  
 Quantity: Not reported  
 Location Type: RESIDENTIAL  
 Source: AST

**Actions:**  
 Action Type: Immediate Response Action  
 Action Status: Level I - Technical Screen Audit  
 Action Date: 10/24/2016  
 Response Action Outcome: PN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CROOK RESIDENCE (Continued)**

**S118643330**

Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	10/3/2016
Response Action Outcome:	PN
Action Type:	BOL
Action Status:	SHPFAC
Action Date:	12/2/2016
Response Action Outcome:	PN
Action Type:	Response Action Outcome - RAO
Action Status:	PSNRCD
Action Date:	3/13/2017
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	3/13/2017
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	IRA Assessment Only
Action Date:	5/31/2016
Response Action Outcome:	PN
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	5/31/2016
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDD1A
Action Date:	5/31/2016
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	FLDISS
Action Date:	5/31/2016
Response Action Outcome:	PN
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	6/13/2017
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	6/13/2017
Response Action Outcome:	PN
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/21/2016
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CROOK RESIDENCE (Continued)**

**S118643330**

Action Date: 6/8/2016  
Response Action Outcome: PN

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/27/2016  
Response Action Outcome: PN

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 7/28/2016  
Response Action Outcome: PN

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 8/3/2016  
Response Action Outcome: PN

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 9/8/2016  
Response Action Outcome: PN

Release:

Release Tracking Number/Current Status: 2-0019883 / PSNC  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 05/31/2016  
Category: TWO HR  
Status Date: 03/13/2017  
Phase: Not reported  
Response Action Outcome: PN - PN  
Oil / Haz Material Type: Not reported

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 10/24/2016  
Response Action Outcome: PN

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 10/3/2016  
Response Action Outcome: PN

Action Type: BOL  
Action Status: SHPFAC  
Action Date: 12/2/2016  
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO  
Action Status: PSNRCD  
Action Date: 3/13/2017



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CROOK RESIDENCE (Continued)**

**S118643330**

Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	3/13/2017
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	IRA Assessment Only
Action Date:	5/31/2016
Response Action Outcome:	PN
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	5/31/2016
Response Action Outcome:	PN
Action Type:	RLFA
Action Status:	FLDD1A
Action Date:	5/31/2016
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	FLDISS
Action Date:	5/31/2016
Response Action Outcome:	PN
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	6/13/2017
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	6/13/2017
Response Action Outcome:	PN
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/21/2016
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	6/8/2016
Response Action Outcome:	PN
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	7/27/2016
Response Action Outcome:	PN
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	7/28/2016
Response Action Outcome:	PN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CROOK RESIDENCE (Continued)**

**S118643330**

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 8/3/2016  
Response Action Outcome: PN

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 9/8/2016  
Response Action Outcome: PN

Chemicals:  
Chemical: Not reported  
Quantity: Not reported  
Location Type: RESIDENTIAL  
Source: AST

**A3  
NW  
1/8-1/4  
0.159 mi.  
841 ft.**

**, MA  
Site 1 of 2 in cluster A**

**AST S108640886  
N/A**

**Relative:  
Higher  
Actual:  
1034 ft.**

AST:  
Owner Name: Not reported  
Tank Type: Not reported  
Class: Not reported  
Stage I Type: Not reported  
CARB # or System Type: Not reported  
Test Cycle: Not reported  
Date Form Mailed: Not reported  
Test Date: Not reported  
Postmark Date: Not reported  
Due Date: Not reported  
Form: Not reported  
Form Rcvd and Complete?: Not reported  
Facility ID: 22586  
Tank ID: 1  
Serial Number: P56-0071  
Tank Status: In Use  
Capacity: 10000  
Contents: Fuel Oil  
Tank Use: Not reported  
Tank Material: Concrete  
Tank Construction: 2 Walls  
Tank Leak Detection: Interstitial Monitoring  
Pipe Material: Flexible  
Pipe Construction: 2 Walls  
Pipe Leak Detection: Product Line Leak Detector  
Aboveground: Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A4**  
**NW**  
**1/8-1/4**  
**0.188 mi.**  
**994 ft.**  
**LEICESTER HIGH SCHOOL**  
**174 PAXTON ST**  
**LEICESTER, MA 01524**  
**Site 2 of 2 in cluster A**

**SHWS** **S101857006**  
**LUST** **N/A**  
**RELEASE**

**Relative:**  
**Higher**

**SHWS:**  
Facility ID: 2-0011039  
Source Type: PIPE  
Release Town: LEICESTER  
Notification Date: 12/14/1995  
Category: TWO HR  
Associated ID: Not reported  
Current Status: RAO  
Status Date: 10/07/1996  
Phase: Not reported  
Response Action Outcome: A1  
Oil Or Haz Material: Oil

**Actual:**  
**1042 ft.**

**LUST:**

**Facility:**

Release Tracking Number/Current Status: 2-0017553 / RAO  
Status Date: 10/16/2009  
Source Type: UST  
Release Town: LEICESTER  
Notification Date: 06/19/2009  
Category: TWO HR  
Associated ID: Not reported  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil  
Location Type: MUNICIPAL  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: #2 FUEL OIL  
Quantity: 50 gallons

**Actions:**

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 12/15/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEICESTER HIGH SCHOOL (Continued)**

**S101857006**

Action Status:	Oral Approval of Plan or Action
Action Date:	6/19/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	6/19/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDD1A
Action Date:	6/19/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	FLDISS
Action Date:	6/19/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	6/22/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	6/23/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of a Modified Plan
Action Date:	6/23/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FLDRUN
Action Date:	6/25/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	7/15/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of a Modified Plan
Action Date:	7/8/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEICESTER HIGH SCHOOL (Continued)**

**S101857006**

reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 7/8/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 8/18/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 8/18/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 9/4/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 2-0011039 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 12/14/1995  
Category: TWO HR  
Status Date: 10/07/1996  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 10/7/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/7/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEICESTER HIGH SCHOOL (Continued)**

**S101857006**

Action Date: 10/8/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/14/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/14/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 12/14/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 2/14/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/25/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 4/19/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 4/19/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Written Approval of Plan  
Action Date: 4/23/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
Chemical: #2 FUEL OIL  
Quantity: 10 gallons  
Location Type: SCHOOL  
Source: PIPE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEICESTER HIGH SCHOOL (Continued)**

**S101857006**

Release Tracking Number/Current Status: 2-0017553 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 06/19/2009  
Category: TWO HR  
Status Date: 10/16/2009  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 12/15/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 6/19/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/19/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 6/19/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 6/19/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 6/22/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEICESTER HIGH SCHOOL (Continued)**

**S101857006**

Action Status: FOLOFF  
Action Date: 6/23/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 6/23/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDRUN  
Action Date: 6/25/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 7/15/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 7/8/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 7/8/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 8/18/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 8/18/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 9/4/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: #2 FUEL OIL  
Quantity: 50 gallons  
Location Type: MUNICIPAL



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LEICESTER HIGH SCHOOL (Continued)**

**S101857006**

Source: UST

**B5**  
**SSW**  
**1/4-1/2**  
**0.315 mi.**  
**1662 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**988 ft.**

**EXXON #3-5817 FORMERLY**  
**6 S MAIN ST**  
**LEICESTER, MA 01524**  
**Site 1 of 3 in cluster B**

**LUST** **U001007818**  
**UST** **N/A**  
**RELEASE**  
**ASBESTOS**

LUST:  
 Facility:  
 Release Tracking Number/Current Status: 2-0011963 / RAO  
 Status Date: 02/19/1998  
 Source Type: UST  
 Release Town: LEICESTER  
 Notification Date: 11/07/1997  
 Category: 72 HR  
 Associated ID: Not reported  
 Phase: Not reported  
 Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
 Oil Or Haz Material: Oil  
 Location Type: COMMERCIAL  
 Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
 Chemical: #2 FUEL OIL  
 Quantity: Not reported

Actions:  
 Action Type: RNF  
 Action Status: Reportable Release under MGL 21E  
 Action Date: 1/7/1998  
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Immediate Response Action  
 Action Status: Written Plan Received  
 Action Date: 1/8/1998  
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
 Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
 Action Date: 11/20/1997  
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Immediate Response Action  
 Action Status: Oral Approval of Plan or Action  
 Action Date: 11/7/1997  
 Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON #3-5817 FORMERLY (Continued)**

**U001007818**

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/7/1997  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 2/19/1998  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 2/19/1998  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

UST:

Facility:

Facility ID: 16484  
Owner Id: 8395  
Owner: TOSCO CORPORATION  
Owner Address: Not reported  
Owner City,St,Zip: PHOENIX, AZ 85072  
Telephone: Not reported  
Description: Retail Motor Vehicle Fuel  
Facility address 2: Not reported  
Owner address 2: PO BOX 52085  
Latitude: 42.24562  
Longitude: -71.90783  
Contact name: KIM KWIATKOWSKI  
Contact address1: Not reported  
Contact address2: Not reported  
Contact city: Not reported  
Contact state: Not reported  
Contact zip: Not reported  
Contact email: Not reported  
Update: 2003-12-03 00:00:00  
Update by: Not reported  
Fac status: CLOSED

Tank ID: 1  
**Tank Status: Tank Removed**  
Status Date: 08/19/2003  
Date Installed: 01/01/1982  
Capacity: 8000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: In-Tank Monitoring System  
Pipe Leak Detection: Annual Automatic Line Leak Detection Test  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Single-walled non-corrodible (including "composite") material (cathodic protection not required)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON #3-5817 FORMERLY (Continued)**

**U001007818**

Pipe construct: Single-walled non-corrodible material (No corrosion protection required)  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported  
Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 2  
**Tank Status: Tank Removed**  
Status Date: 08/19/2003  
Date Installed: 01/01/1982  
Capacity: 6000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: In-Tank Monitoring System  
Pipe Leak Detection: Annual Automatic Line Leak Detection Test  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Single-walled non-corrodible (including "composite") material (cathodic protection not required)  
Pipe construct: Single-walled non-corrodible material (No corrosion protection required)  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported  
Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 3  
**Tank Status: Tank Removed**  
Status Date: 08/19/2003  
Date Installed: 01/01/1982  
Capacity: 6000.00000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON #3-5817 FORMERLY (Continued)**

**U001007818**

Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: In-Tank Monitoring System  
Pipe Leak Detection: Annual Automatic Line Leak Detection Test  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Single-walled non-corrodible (including "composite") material (cathodic protection not required)  
Pipe construct: Single-walled non-corrodible material (No corrosion protection required)  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported  
Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 4  
**Tank Status: Tank Removed**  
Status Date: 08/19/2003  
Date Installed: 01/01/1982  
Capacity: 1000.00000  
Contents: Waste Oil  
Tank Usage: Not reported  
Tank Leak Detection: In-Tank Monitoring System  
Pipe Leak Detection: Annual Automatic Line Leak Detection Test  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Single-walled non-corrodible (including "composite") material (cathodic protection not required)  
Pipe construct: Single-walled non-corrodible material (No corrosion protection required)  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported  
Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON #3-5817 FORMERLY (Continued)**

**U001007818**

Release:

Release Tracking Number/Current Status: 2-0011963 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 11/07/1997  
Category: 72 HR  
Status Date: 02/19/1998  
Phase: Not reported  
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/7/1998  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 1/8/1998  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 11/20/1997  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 11/7/1997  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/7/1997  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 2/19/1998  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 2/19/1998  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON #3-5817 FORMERLY (Continued)**

**U001007818**

Chemicals:

Chemical: #2 FUEL OIL  
Quantity: Not reported  
Location Type: COMMERCIAL  
Source: UST

ASBESTOS:

Notification: Not reported  
DEP Region: Not reported  
Notifiers Name: Not reported  
Start Date: 11/02/2015  
End Date: 11/04/2015  
Date Entered: Not reported  
Entry Date: 10/19/2015  
Quantity Material Removed SF: .00  
Quantity Material Removed LF: 210.00  
Project Description: OTHER CAULKING  
AR Tracking ID: 224804  
Super Lic Number: AS000967  
Monitor Lic Number: AM031319  
Lab Lic Number: AA000208  
Year: 2015  
Sticker Number: 100231086  
Form Type: ANF-001  
Fee Status: HUNDRED  
Facility Phone: 5082502530  
Sub Town: Not reported  
Worksite: WINDOWS, DOORS  
Occupied: 0  
Contractor: AC000584  
Contract Type: WRITTEN  
Hours: 7AM-330PM  
Project Type: Dem  
Abatement Process: oth:WHOLE COMPONENT  
Location: INDOORS  
Decon Process: 3 CHAMBER DECON  
Disposal Methods: DOUBLE LAYER SIX MIL POLY BAGS  
Facility Usage: FORMER GAS STATION  
Waiver Given: Not reported  
DEP Waiver Number: Not reported  
DLWD Waiver Number: Not reported  
Small Owner Occ: 0  
Owner Name: CUMBERLAND FARMS INC  
Owner Address: 100 BOULEVARD  
Owner City: FRAMINGHAM  
Owner State: MA  
On Site Manager Name: BRUCE COBB  
On Site Manager Phone: 5082502530  
Ins Comp: A.I.M.  
Policy Number: 001005986  
EXP Date: 6/6/2016  
Facility Size: 2800  
Transporter Name: ACCOLADE ENVIRONMENTAL  
Transporter Address: PO BOX 1256  
Transporter City: PLAISTOW  
Transporter State: NH

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON #3-5817 FORMERLY (Continued)**

**U001007818**

Final Site: Not reported  
Certified Name: FRANK KASABIAN  
Cert Sign Date: 10/19/2015  
Certified Company: ACCOLADE  
Certified Phone: 6036086545  
Entered\_by: ACCOLADE

**B6**  
**SSW**  
**1/4-1/2**  
**0.325 mi.**  
**1715 ft.**

**CUMBERLAND FARMS #2063**  
**10 S MAIN ST**  
**LEICESTER, MA 01524**

**Site 2 of 3 in cluster B**

**LUST** **U003655407**  
**UST** **N/A**  
**RELEASE**  
**ENF**  
**HW GEN**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**986 ft.**

Facility:

Release Tracking Number/Current Status: 2-0011274 / TIERI  
Status Date: 09/12/2003  
Source Type: UST  
Release Town: LEICESTER  
Notification Date: 06/06/1996  
Category: 72 HR  
Associated ID: Not reported  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil

Location Type: COMMERCIAL  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: GASOLINE  
Quantity: 6 inches

Actions:

Action Type: An activity type that is related to an Audit  
Action Status: Audit Follow-up Completion Statement Received  
Action Date: 1/11/2010  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/2/1998  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 1/2/1998  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/3/1997  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	11/12/2009
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	2/18/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	2/22/2002
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	2/24/2003
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	4/22/1996
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	4/29/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	4/29/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/29/1997
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	4/29/1997
Response Action Outcome:	Not reported
Action Type:	An activity type that is related to an Audit
Action Status:	NOA
Action Date:	4/30/2009
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	5/28/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Date:	5/6/1997
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	6/10/1996
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date:	6/18/1996
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	6/21/1996
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/30/1998
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	6/6/1996
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	6/6/1996
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	7/17/1996
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	LSP of Record Change via Minor Permit Mod
Action Date:	7/2/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	LSP of Record Change via Minor Permit Mod
Action Date:	7/28/2011
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/3/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 1C Classification
Action Date:	9/12/2003
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Type: Tier Classification  
Action Status: Revised Statement or Transmittal Received  
Action Date: 9/12/2003  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Release Notification Retraction  
Action Date: 9/30/1996  
Response Action Outcome: Not reported

Facility:

Release Tracking Number/Current Status: 2-0011203 / RAO  
Status Date: 12/01/2006  
Source Type: UST  
Release Town: LEICESTER  
Notification Date: 04/22/1996  
Category: 72 HR  
Associated ID: 2-0011203  
Phase: PHASE V  
Response Action Outcome: C1 - C1  
Oil Or Haz Material: Oil and Hazardous Material  
  
Location Type: COMMERCIAL  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: BENZENE  
Quantity: 100 parts per million  
Chemical: GASOLINE  
Quantity: 8.88 inches

Actions:

Action Type: An activity type that is related to an Audit  
Action Status: Audit Follow-up Completion Statement Received  
Action Date: 1/11/2010  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 1/11/2010  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/14/2014  
Response Action Outcome: C1

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 1/2/1998  
Response Action Outcome: C1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	1/2/1998
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	1/25/2007
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	1/26/2011
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	1/26/2011
Response Action Outcome:	C1
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	1/3/1997
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Level I - Technical Screen Audit
Action Date:	10/16/2002
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	10/2/2003
Response Action Outcome:	C1
Action Type:	Phase 2
Action Status:	Revised Statement or Transmittal Received
Action Date:	10/2/2003
Response Action Outcome:	C1
Action Type:	Phase 4
Action Status:	Revised Statement or Transmittal Received
Action Date:	10/2/2003
Response Action Outcome:	C1
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	10/29/1999
Response Action Outcome:	C1
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	10/29/1999
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Date:	10/29/2007
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	10/30/2008
Response Action Outcome:	C1
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/6/2006
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	11/1/2016
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Level I - Technical Screen Audit
Action Date:	11/1/2016
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Level III - Comprehensive Audit
Action Date:	11/12/2009
Response Action Outcome:	C1
Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	11/12/2009
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	11/16/2018
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	11/16/2018
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	11/20/2012
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	11/23/2015
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	11/23/2015
Response Action Outcome:	C1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	11/25/2014
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	11/25/2014
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	11/26/2013
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	11/26/2013
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	11/29/2017
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	11/29/2017
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	11/30/2011
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	11/30/2011
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	12/1/2006
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Periodic Review Opinion Evaluating Temp Solution
Action Date:	12/1/2011
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	12/20/2002
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Date:	12/3/2016
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	12/3/2016
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Periodic Review Opinion Evaluating Temp Solution
Action Date:	12/3/2016
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	2/13/2006
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	2/15/2017
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	2/17/2005
Response Action Outcome:	C1
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	2/18/1999
Response Action Outcome:	C1
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	2/22/2002
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	2/22/2002
Response Action Outcome:	C1
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	2/24/2003
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Level I - Technical Screen Audit
Action Date:	2/28/2005
Response Action Outcome:	C1
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	3/19/1999
Response Action Outcome:	C1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	4/22/1996
Response Action Outcome:	C1
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	4/22/1996
Response Action Outcome:	C1
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	4/24/1996
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	4/27/2008
Response Action Outcome:	C1
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	4/29/1997
Response Action Outcome:	C1
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/29/1997
Response Action Outcome:	C1
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	4/29/1997
Response Action Outcome:	C1
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	4/29/1997
Response Action Outcome:	C1
Action Type:	Compliance and Enforcement Action
Action Status:	RFI
Action Date:	4/30/2009
Response Action Outcome:	C1
Action Type:	An activity type that is related to an Audit
Action Status:	NOA
Action Date:	4/30/2009
Response Action Outcome:	C1
Action Type:	Compliance and Enforcement Action
Action Status:	Interim Deadline Letter Issued
Action Date:	4/30/2009
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Date: 4/5/2004  
Response Action Outcome: C1

Action Type: Phase 5  
Action Status: Level I - Technical Screen Audit  
Action Date: 4/9/2004  
Response Action Outcome: C1

Action Type: Phase 4  
Action Status: Notice of Delay in Meeting RA Deadline Received  
Action Date: 5/1/2000  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: RMRINT  
Action Date: 5/10/2018  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 5/10/2018  
Response Action Outcome: C1

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 5/11/2009  
Response Action Outcome: C1

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 5/21/2009  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 5/23/2012  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: RMRINT  
Action Date: 5/23/2012  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 5/24/2017  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: RMRINT  
Action Date: 5/24/2017  
Response Action Outcome: C1

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 5/28/1999  
Response Action Outcome: C1



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	5/28/2014
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	5/28/2014
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	5/29/2015
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	5/29/2015
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	5/31/2013
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	5/31/2013
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	5/31/2016
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	5/31/2016
Response Action Outcome:	C1
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	5/6/1997
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	5/7/2007
Response Action Outcome:	C1
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	6/21/1996
Response Action Outcome:	C1
Action Type:	Immediate Response Action
Action Status:	Written Plan Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Date: 6/21/1996  
Response Action Outcome: C1

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 6/30/1998  
Response Action Outcome: C1

Action Type: Phase 5  
Action Status: Inspection and Monitoring Report Received  
Action Date: 6/4/2001  
Response Action Outcome: C1

Action Type: Phase 5  
Action Status: Inspection and Monitoring Report Received  
Action Date: 7/11/2003  
Response Action Outcome: C1

Action Type: Phase 5  
Action Status: Inspection and Monitoring Report Received  
Action Date: 7/2/2002  
Response Action Outcome: C1

Action Type: Tier Classification  
Action Status: LSP of Record Change via Minor Permit Mod  
Action Date: 7/2/2008  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 7/26/2011  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: RMRINT  
Action Date: 7/26/2011  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 7/28/2009  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 7/28/2010  
Response Action Outcome: C1

Action Type: Tier Classification  
Action Status: LSP of Record Change via Minor Permit Mod  
Action Date: 7/28/2011  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 7/29/2010  
Response Action Outcome: C1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/3/1997
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Level I - Technical Screen Audit
Action Date:	8/10/2006
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	8/15/2005
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	8/16/2011
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Level I - Technical Screen Audit
Action Date:	8/17/2005
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	8/18/2006
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Level I - Technical Screen Audit
Action Date:	8/25/2006
Response Action Outcome:	C1
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	8/28/2000
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	8/6/2004
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Level I - Technical Screen Audit
Action Date:	8/9/2004
Response Action Outcome:	C1
Action Type:	Tier Classification
Action Status:	Revised Statement or Transmittal Received
Action Date:	9/12/2003
Response Action Outcome:	C1
Action Type:	Tier Classification
Action Status:	Tier 1C Classification

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Date: 9/12/2003  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 9/17/2009  
Response Action Outcome: C1

UST:

Facility:

Facility ID: 16487  
Owner Id: 1602  
Owner: CUMBERLAND FARMS INC  
Owner Address: 165 Flanders Road  
Owner City,St,Zip: Westborough, MA 01581  
Telephone: 5088929709  
Description: Retail Motor Vehicle Fuel  
Facility address 2: Not reported  
Owner address 2: Not reported  
Latitude: 42.24478  
Longitude: -71.90703  
Contact name: Angela Pimental  
Contact address1: 165 Flanders Road  
Contact address2: Not reported  
Contact city: Westborough  
Contact state: MA  
Contact zip: 01581  
Contact email: apimental@cumberlandfarms.com  
Update: 2016-12-05 00:00:00  
Update by: Angela Pimental  
Fac status: OPEN

Facility ID: 16487  
Owner Id: 1602  
Owner: CUMBERLAND FARMS INC  
Owner Address: 165 Flanders Road  
Owner City,St,Zip: Westborough, MA 01581  
Telephone: 5088929709  
Description: Retail Motor Vehicle Fuel  
Facility address 2: Not reported  
Owner address 2: Not reported  
Latitude: 42.24478  
Longitude: -71.90703  
Contact name: Angela Pimental  
Contact address1: 165 Flanders Road  
Contact address2: Not reported  
Contact city: Westborough  
Contact state: MA  
Contact zip: 01581  
Contact email: apimental@cumberlandfarms.com  
Update: 2016-12-05 00:00:00  
Update by: Angela Pimental  
Fac status: OPEN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Tank ID: 1  
**Tank Status: Tank Removed**  
Status Date: 04/23/1996  
Date Installed: 04/19/1975  
Capacity: 8000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: Manual Tank Gauging (1,000G or more capacity tank)  
Pipe Leak Detection: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Not reported  
Pipe construct: Single-walled metal (Corrosion protection required)  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported  
Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 2  
**Tank Status: Tank Removed**  
Status Date: 04/23/1996  
Date Installed: 04/19/1975  
Capacity: 8000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: Manual Tank Gauging (1,000G or more capacity tank)  
Pipe Leak Detection: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Not reported  
Pipe construct: Single-walled metal (Corrosion protection required)  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported  
Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 3  
**Tank Status: Tank Removed**  
Status Date: 04/23/1996  
Date Installed: 04/19/1975  
Capacity: 8000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: Manual Tank Gauging (1,000G or more capacity tank)  
Pipe Leak Detection: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Not reported  
Pipe construct: Single-walled metal (Corrosion protection required)  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported  
Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 4  
**Tank Status: In Use**  
Status Date: Not reported  
Date Installed: 04/24/1996  
Capacity: 8000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: Continuous Interstitial Monitoring  
Pipe Leak Detection: Continuous Interstitial Space Monitoring  
Latitude: 42.24515  
Longitude: -71.90732  
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)  
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)  
Ptype: Pressurized piping system with mechanical automatic line leak detection  
Number of compartment: Not reported  
Pipe install date: 04/24/1996  
Pipe leak install date: Not reported  
Submersible sump: Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Submersible sump install date: Not reported  
Turbine sump: Y  
Turbine sump sensor: Y  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Automatic shut-off valve  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 5  
**Tank Status: In Use**  
Status Date: Not reported  
Date Installed: 04/24/1996  
Capacity: 8000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: Continuous Interstitial Monitoring  
Pipe Leak Detection: Continuous Interstitial Space Monitoring  
Latitude: 42.24518  
Longitude: -71.90732  
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)  
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)  
Ptype: Pressurized piping system with mechanical automatic line leak detection  
Number of compartment: Not reported  
Pipe install date: 04/24/1996  
Pipe leak install date: Not reported  
Submersible sump: Y  
Submersible sump install date: Not reported  
Turbine sump: Y  
Turbine sump sensor: Y  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Automatic shut-off valve  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 6  
**Tank Status: In Use**  
Status Date: Not reported  
Date Installed: 04/24/1996  
Capacity: 8000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: Continuous Interstitial Monitoring  
Pipe Leak Detection: Continuous Interstitial Space Monitoring  
Latitude: 42.24520  
Longitude: -71.90731

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)  
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)  
Ptype: European suction system  
Number of compartment: Not reported  
Pipe install date: 04/24/1996  
Pipe leak install date: Not reported  
Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: Y  
Turbine sump sensor: Y  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Automatic shut-off valve  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Release:

Release Tracking Number/Current Status: 2-0011203 / RAO  
Primary ID: 2-0011203  
Official City: LEICESTER  
Notification: 04/22/1996  
Category: 72 HR  
Status Date: 12/01/2006  
Phase: PHASE V  
Response Action Outcome: C1 - C1  
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: An activity type that is related to an Audit  
Action Status: Audit Follow-up Completion Statement Received  
Action Date: 1/11/2010  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 1/11/2010  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/14/2014  
Response Action Outcome: C1

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 1/2/1998  
Response Action Outcome: C1

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Date: 1/2/1998  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 1/25/2007  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: RMRINT  
Action Date: 1/26/2011  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 1/26/2011  
Response Action Outcome: C1

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/3/1997  
Response Action Outcome: C1

Action Type: Phase 5  
Action Status: Level I - Technical Screen Audit  
Action Date: 10/16/2002  
Response Action Outcome: C1

Action Type: Phase 5  
Action Status: Remedy Operation Status Submittal Received  
Action Date: 10/2/2003  
Response Action Outcome: C1

Action Type: Phase 2  
Action Status: Revised Statement or Transmittal Received  
Action Date: 10/2/2003  
Response Action Outcome: C1

Action Type: Phase 4  
Action Status: Revised Statement or Transmittal Received  
Action Date: 10/2/2003  
Response Action Outcome: C1

Action Type: Phase 3  
Action Status: Completion Statement Received  
Action Date: 10/29/1999  
Response Action Outcome: C1

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 10/29/1999  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 10/29/2007  
Response Action Outcome: C1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	10/30/2008
Response Action Outcome:	C1
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	10/6/2006
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	11/1/2016
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Level I - Technical Screen Audit
Action Date:	11/1/2016
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Level III - Comprehensive Audit
Action Date:	11/12/2009
Response Action Outcome:	C1
Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	11/12/2009
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	11/16/2018
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	11/16/2018
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	11/20/2012
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	11/23/2015
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	11/23/2015
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Date:	11/25/2014
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	11/25/2014
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	11/26/2013
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	11/26/2013
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	11/29/2017
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	11/29/2017
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	11/30/2011
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	11/30/2011
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	12/1/2006
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Periodic Review Opinion Evaluating Temp Solution
Action Date:	12/1/2011
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	12/20/2002
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	12/3/2016
Response Action Outcome:	C1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	12/3/2016
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Periodic Review Opinion Evaluating Temp Solution
Action Date:	12/3/2016
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	2/13/2006
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	2/15/2017
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	2/17/2005
Response Action Outcome:	C1
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	2/18/1999
Response Action Outcome:	C1
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	2/22/2002
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	2/22/2002
Response Action Outcome:	C1
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	2/24/2003
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Level I - Technical Screen Audit
Action Date:	2/28/2005
Response Action Outcome:	C1
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	3/19/1999
Response Action Outcome:	C1
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Date: 4/22/1996  
Response Action Outcome: C1

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/22/1996  
Response Action Outcome: C1

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 4/24/1996  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 4/27/2008  
Response Action Outcome: C1

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 4/29/1997  
Response Action Outcome: C1

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 4/29/1997  
Response Action Outcome: C1

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 4/29/1997  
Response Action Outcome: C1

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 4/29/1997  
Response Action Outcome: C1

Action Type: Compliance and Enforcement Action  
Action Status: RFI  
Action Date: 4/30/2009  
Response Action Outcome: C1

Action Type: An activity type that is related to an Audit  
Action Status: NOA  
Action Date: 4/30/2009  
Response Action Outcome: C1

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 4/30/2009  
Response Action Outcome: C1

Action Type: Phase 5  
Action Status: Remedy Operation Status Submittal Received  
Action Date: 4/5/2004  
Response Action Outcome: C1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Type:	Phase 5
Action Status:	Level I - Technical Screen Audit
Action Date:	4/9/2004
Response Action Outcome:	C1
Action Type:	Phase 4
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	5/1/2000
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	5/10/2018
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	5/10/2018
Response Action Outcome:	C1
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	5/11/2009
Response Action Outcome:	C1
Action Type:	RLFA
Action Status:	FLDRAN
Action Date:	5/21/2009
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	5/23/2012
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	5/23/2012
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	5/24/2017
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	5/24/2017
Response Action Outcome:	C1
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	5/28/1999
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Date: 5/28/2014  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 5/28/2014  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: RMRINT  
Action Date: 5/29/2015  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 5/29/2015  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 5/31/2013  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: RMRINT  
Action Date: 5/31/2013  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: RMRINT  
Action Date: 5/31/2016  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 5/31/2016  
Response Action Outcome: C1

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 5/6/1997  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Inspection and Monitoring Report Received  
Action Date: 5/7/2007  
Response Action Outcome: C1

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/21/1996  
Response Action Outcome: C1

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 6/21/1996  
Response Action Outcome: C1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/30/1998
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	6/4/2001
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	7/11/2003
Response Action Outcome:	C1
Action Type:	Phase 5
Action Status:	Inspection and Monitoring Report Received
Action Date:	7/2/2002
Response Action Outcome:	C1
Action Type:	Tier Classification
Action Status:	LSP of Record Change via Minor Permit Mod
Action Date:	7/2/2008
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	7/26/2011
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	RMRINT
Action Date:	7/26/2011
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	7/28/2009
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Inspection and Monitoring Report Received
Action Date:	7/28/2010
Response Action Outcome:	C1
Action Type:	Tier Classification
Action Status:	LSP of Record Change via Minor Permit Mod
Action Date:	7/28/2011
Response Action Outcome:	C1
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	7/29/2010
Response Action Outcome:	C1
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Date: 7/3/1997  
Response Action Outcome: C1

Action Type: Phase 5  
Action Status: Level I - Technical Screen Audit  
Action Date: 8/10/2006  
Response Action Outcome: C1

Action Type: Phase 5  
Action Status: Remedy Operation Status Submittal Received  
Action Date: 8/15/2005  
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 8/16/2011  
Response Action Outcome: C1

Action Type: Phase 5  
Action Status: Level I - Technical Screen Audit  
Action Date: 8/17/2005  
Response Action Outcome: C1

Action Type: Phase 5  
Action Status: Remedy Operation Status Report Received  
Action Date: 8/18/2006  
Response Action Outcome: C1

Action Type: Phase 5  
Action Status: Level I - Technical Screen Audit  
Action Date: 8/25/2006  
Response Action Outcome: C1

Action Type: Phase 4  
Action Status: Written Plan Received  
Action Date: 8/28/2000  
Response Action Outcome: C1

Action Type: Phase 5  
Action Status: Remedy Operation Status Submittal Received  
Action Date: 8/6/2004  
Response Action Outcome: C1

Action Type: Phase 5  
Action Status: Level I - Technical Screen Audit  
Action Date: 8/9/2004  
Response Action Outcome: C1

Action Type: Tier Classification  
Action Status: Revised Statement or Transmittal Received  
Action Date: 9/12/2003  
Response Action Outcome: C1

Action Type: Tier Classification  
Action Status: Tier 1C Classification  
Action Date: 9/12/2003  
Response Action Outcome: C1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 9/17/2009  
Response Action Outcome: C1

Chemicals:  
Chemical: BENZENE  
Quantity: 100 parts per million  
Chemical: GASOLINE  
Quantity: 8.88 inches  
Location Type: COMMERCIAL  
Source: UST

Release Tracking Number/Current Status: 2-0011274 / TIERI  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 06/06/1996  
Category: 72 HR  
Status Date: 09/12/2003  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: An activity type that is related to an Audit  
Action Status: Audit Follow-up Completion Statement Received  
Action Date: 1/11/2010  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/2/1998  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 1/2/1998  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/3/1997  
Response Action Outcome: Not reported

Action Type: An activity type that is related to an Audit  
Action Status: Notice of Non-compliance related to an Audit  
Action Date: 11/12/2009  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 2/18/1999  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	2/22/2002
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	2/24/2003
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	4/22/1996
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	4/29/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	4/29/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	4/29/1997
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	4/29/1997
Response Action Outcome:	Not reported
Action Type:	An activity type that is related to an Audit
Action Status:	NOA
Action Date:	4/30/2009
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	5/28/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	5/6/1997
Response Action Outcome:	Not reported
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	6/10/1996
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Action Date:	6/18/1996
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	6/21/1996
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/30/1998
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	6/6/1996
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	6/6/1996
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Completion Statement Received
Action Date:	7/17/1996
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	LSP of Record Change via Minor Permit Mod
Action Date:	7/2/2008
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	LSP of Record Change via Minor Permit Mod
Action Date:	7/28/2011
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	7/3/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 1C Classification
Action Date:	9/12/2003
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Revised Statement or Transmittal Received
Action Date:	9/12/2003
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Release Notification Retraction
Action Date:	9/30/1996
Response Action Outcome:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2063 (Continued)**

**U003655407**

Chemicals:  
Chemical: GASOLINE  
Quantity: 6 inches  
Location Type: COMMERCIAL  
Source: UST

ENFORCEMENT:  
Region: CERO  
DEP Region: CERO  
DEP Program: 3,A  
DEP Bureau: BWSC  
Program: Not reported  
Program Id: RTN 2-0011203  
High Or Low Level Enforcement: LLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 11/12/2009  
ENF #: NON-CE-09-3A103  
Document Type: NON  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Not reported  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EM\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Commercially Owned

HW GEN:  
EPA Id: MAC300000239  
RCRA Generator Status: VSQG  
State Generator Status: VQG-MA

**B7** TOSCO CORP  
**SSW** 12 SOUTH MAIN ST  
**1/4-1/2** LEICESTER, MA 01524  
**0.334 mi.**  
**1762 ft.** Site 3 of 3 in cluster B

**SHWS** S104774056  
**RELEASE** N/A

**Relative:** SHWS:  
**Lower** Facility ID: 2-0013404  
**Actual:** Source Type: Not reported  
**984 ft.** Release Town: LEICESTER  
Notification Date: 08/01/2000  
Category: 120 DY  
Associated ID: Not reported  
Current Status: RAO  
Status Date: 11/28/2000  
Phase: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOSCO CORP (Continued)**

**S104774056**

Response Action Outcome: B1  
Oil Or Haz Material: Hazardous Material

Release:

Release Tracking Number/Current Status: 2-0013404 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 08/01/2000  
Category: 120 DY  
Status Date: 11/28/2000  
Phase: Not reported  
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
Oil / Haz Material Type: Hazardous Material

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Actions:

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 11/28/2000  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/1/2000  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/1/2000  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 9/13/2000  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Chemicals:

Chemical: ARSENIC  
Quantity: 1570 micrograms per liter  
Chemical: CHROMIUM  
Quantity: 2210 micrograms per liter  
Chemical: LEAD  
Quantity: 281 micrograms per liter  
Chemical: ARSENIC  
Quantity: 30.3 milligrams per kilogram

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**8**  
**South**  
**1/4-1/2**  
**0.353 mi.**  
**1865 ft.**

**TEXACO STATION**  
**200 MAIN ST**  
**LEICESTER, MA 01524**

**SHWS** **S102687063**  
**LUST** **N/A**  
**RELEASE**

**Relative:**  
**Lower**  
**Actual:**  
**973 ft.**

**SHWS:**  
Facility ID: 2-0013320  
Source Type: PIPE  
Release Town: LEICESTER  
Notification Date: 06/09/2000  
Category: TWO HR  
Associated ID: Not reported  
Current Status: RAO  
Status Date: 12/18/2000  
Phase: Not reported  
Response Action Outcome: A1  
Oil Or Haz Material: Oil

**LUST:**

**Facility:**  
Release Tracking Number/Current Status: 2-0001034 / RAO  
Status Date: 08/11/1997  
Source Type: UST  
Release Town: LEICESTER  
Notification Date: 07/15/1993  
Category: NONE  
Associated ID: Not reported  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil  
  
Location Type: GASSTATION  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**  
Chemical: WASTE OIL  
Quantity: Not reported

**Actions:**  
Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 10/2/1995  
Response Action Outcome: Not reported  
  
Action Type: Release Abatement Measure  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 3/22/1995  
Response Action Outcome: Not reported  
  
Action Type: TREGS  
Action Status: LSPFA  
Action Date: 3/22/1995  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO STATION (Continued)**

**S102687063**

Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	3/22/1995
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Written Approval of Plan
Action Date:	4/20/1995
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	7/15/1993
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	RAOEQ
Action Date:	8/11/1997
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	8/11/1997
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	8/19/1993
Response Action Outcome:	Not reported
Action Type:	Compliance and Enforcement Action
Action Status:	RFI
Action Date:	8/19/1993
Response Action Outcome:	Not reported

Facility:

Release Tracking Number/Current Status:	2-0012260 / RAO
Status Date:	06/30/2009
Source Type:	UST
Release Town:	LEICESTER
Notification Date:	06/22/1998
Category:	72 HR
Associated ID:	2-0012260
Phase:	PHASE III
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil
Location Type:	COMMERCIAL
Source:	UST

[Click here to access the MA DEP site for this facility:](#)



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO STATION (Continued)**

**S102687063**

Chemicals:

Chemical: GASOLINE  
Quantity: 190 parts per million

Actions:

Action Type: An activity type that is related to an Audit  
Action Status: NOA  
Action Date: 10/11/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 10/24/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: An activity type that is related to an Audit  
Action Status: Notice of Non-compliance related to an Audit  
Action Date: 11/28/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Delay in Meeting RA Deadline Ordered or Approved  
Action Date: 11/4/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Amendment Received or Issued  
Action Date: 11/4/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 6/16/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 6/18/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/22/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 6/22/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO STATION (Continued)**

**S102687063**

reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 6/25/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 6/25/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 6/25/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 6/25/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 6/29/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 6/29/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Submittal Retracted  
Action Date: 6/30/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 6/30/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Revised Statement or Transmittal Received  
Action Date: 6/30/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: An activity type that is related to an Audit

MAP FINDINGS

**TEXACO STATION (Continued)**

**S102687063**

<p>Action Status:          Action Date:          Response Action Outcome:</p>	<p>Audit Follow-up Completion Statement Received          6/30/2008          A permanent solution has been achieved. Contamination has not been reduced to background.</p>
<p>Action Type:          Action Status:          Action Date:          Response Action Outcome:</p>	<p>Response Action Outcome - RAO          RAO Statement Received          6/30/2009          A permanent solution has been achieved. Contamination has not been reduced to background.</p>
<p>Action Type:          Action Status:          Action Date:          Response Action Outcome:</p>	<p>Response Action Outcome - RAO          Level I - Technical Screen Audit          7/24/2008          A permanent solution has been achieved. Contamination has not been reduced to background.</p>
<p>Action Type:          Action Status:          Action Date:          Response Action Outcome:</p>	<p>RLFA          FOLOFF          7/25/2008          A permanent solution has been achieved. Contamination has not been reduced to background.</p>
<p>Action Type:          Action Status:          Action Date:          Response Action Outcome:</p>	<p>A Notice sent to a Potentially Responsible Party (PRP)          A MassDEP piece of correspondence was issued (approvals, NORs, etc.          7/8/1998          A permanent solution has been achieved. Contamination has not been reduced to background.</p>
<p>Action Type:          Action Status:          Action Date:          Response Action Outcome:</p>	<p>Response Action Outcome - RAO          Level I - Technical Screen Audit          8/20/2009          A permanent solution has been achieved. Contamination has not been reduced to background.</p>
<p>Action Type:          Action Status:          Action Date:          Response Action Outcome:</p>	<p>RNF          Reportable Release under MGL 21E          8/28/1998          A permanent solution has been achieved. Contamination has not been reduced to background.</p>
<p>Action Type:          Action Status:          Action Date:          Response Action Outcome:</p>	<p>A Notice sent to a Potentially Responsible Party (PRP)          A MassDEP piece of correspondence was issued (approvals, NORs, etc.          8/7/2007          A permanent solution has been achieved. Contamination has not been reduced to background.</p>
<p>Action Type:          Action Status:          Action Date:          Response Action Outcome:</p>	<p>Compliance and Enforcement Action          ACO          8/7/2007          A permanent solution has been achieved. Contamination has not been reduced to background.</p>
<p>Action Type:          Action Status:          Action Date:          Response Action Outcome:</p>	<p>Phase 2          Scope of Work Received          9/23/1999          A permanent solution has been achieved. Contamination has not been</p>

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO STATION (Continued)**

**S102687063**

reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 9/9/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 2-0001034 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 07/15/1993  
Category: NONE  
Status Date: 08/11/1997  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 10/2/1995  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 3/22/1995  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: LSPFA  
Action Date: 3/22/1995  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 3/22/1995  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Written Approval of Plan  
Action Date: 4/20/1995  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 7/15/1993  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: RAOEQ  
Action Date: 8/11/1997

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO STATION (Continued)**

**S102687063**

Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 8/11/1997  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/19/1993  
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action  
Action Status: RFI  
Action Date: 8/19/1993  
Response Action Outcome: Not reported

Chemicals:

Chemical: WASTE OIL  
Quantity: Not reported  
Location Type: GASSTATION  
Source: UST

Release Tracking Number/Current Status: 2-0012260 / RAO  
Primary ID: 2-0012260  
Official City: LEICESTER  
Notification: 06/22/1998  
Category: 72 HR  
Status Date: 06/30/2009  
Phase: PHASE III  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: An activity type that is related to an Audit  
Action Status: NOA  
Action Date: 10/11/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 10/24/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: An activity type that is related to an Audit  
Action Status: Notice of Non-compliance related to an Audit  
Action Date: 11/28/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO

MAP FINDINGS

**TEXACO STATION (Continued)**

**S102687063**

Action Status:	Delay in Meeting RA Deadline Ordered or Approved
Action Date:	11/4/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Amendment Received or Issued
Action Date:	11/4/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	6/16/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	6/18/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	6/22/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	6/22/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	6/25/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	6/25/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	6/25/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	6/25/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

TEXACO STATION (Continued)

S102687063

reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 6/29/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 6/29/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Submittal Retracted  
Action Date: 6/30/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 6/30/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Revised Statement or Transmittal Received  
Action Date: 6/30/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: An activity type that is related to an Audit  
Action Status: Audit Follow-up Completion Statement Received  
Action Date: 6/30/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 6/30/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 7/24/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 7/25/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO STATION (Continued)**

**S102687063**

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 7/8/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 8/20/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/28/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 8/7/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: ACO  
Action Date: 8/7/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 9/23/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 9/9/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: GASOLINE  
Quantity: 190 parts per million  
Location Type: COMMERCIAL  
Source: UST

Release Tracking Number/Current Status: 2-0013320 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 06/09/2000  
Category: TWO HR  
Status Date: 12/18/2000  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO STATION (Continued)**

**S102687063**

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**Actions:**

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 10/6/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 12/18/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 12/27/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 6/9/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/9/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 7/18/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 8/8/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/8/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**Chemicals:**

Chemical: GASOLINE  
Quantity: 10 gallons  
Location Type: COMMERCIAL  
Source: PIPE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C9**  
**SW**  
**1/4-1/2**  
**0.359 mi.**  
**1896 ft.**  
**SPRAGUE INC**  
**2 GROVE ST**  
**LEICESTER, MA 01524**  
**Site 1 of 2 in cluster C**

**LUST** **S102088846**  
**RELEASE** **N/A**

**Relative:**  
**Lower**

LUST:

**Actual:**  
**944 ft.**

Facility:

Release Tracking Number/Current Status: 2-0000685 / RAO  
Status Date: 07/15/1996  
Source Type: UST  
Release Town: LEICESTER  
Notification Date: 11/22/1989  
Category: NONE  
Associated ID: Not reported  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Source: UST

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Chemicals:

Chemical: PETROLEUM  
Quantity: Not reported

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 11/22/1989  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 11/22/1989  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 5/13/1991  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: TREGS  
Action Status: WAVACC  
Action Date: 5/26/1992  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: TREGS  
Action Status: WAVSIG  
Action Date: 5/5/1992

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SPRAGUE INC (Continued)**

**S102088846**

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Phase 5  
Action Status: Completion Statement Received  
Action Date: 7/15/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 7/15/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: TREGS  
Action Status: WAVREC  
Action Date: 7/27/1990  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 2-0000685 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 11/22/1989  
Category: NONE  
Status Date: 07/15/1996  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 11/22/1989  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 11/22/1989  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 5/13/1991  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: TREGS

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SPRAGUE INC (Continued)**

**S102088846**

Action Status: WAVACC  
 Action Date: 5/26/1992  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: TREGS  
 Action Status: WAVSIG  
 Action Date: 5/5/1992  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Phase 5  
 Action Status: Completion Statement Received  
 Action Date: 7/15/1996  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
 Action Status: RAO Statement Received  
 Action Date: 7/15/1996  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: TREGS  
 Action Status: WAVREC  
 Action Date: 7/27/1990  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
 Chemical: PETROLEUM  
 Quantity: Not reported  
 Location Type: COMMERCIAL  
 Source: UST

**10**  
**SE**  
**1/4-1/2**  
**0.369 mi.**  
**1949 ft.**

**ROADWAY RELEASE**  
**865 MAIN ST**  
**LEICESTER, MA 01524**

**SHWS** **S104774072**  
**RELEASE** **N/A**

**Relative:** SHWS:  
**Lower** Facility ID: 2-0013439  
 Source Type: VEHICLE  
**Actual:** Release Town: LEICESTER  
**856 ft.** Notification Date: 08/22/2000  
 Category: TWO HR  
 Associated ID: Not reported  
 Current Status: RAO  
 Status Date: 12/21/2000  
 Phase: Not reported  
 Response Action Outcome: A1  
 Oil Or Haz Material: Oil

Release:  
 Release Tracking Number/Current Status: 2-0013439 / RAO  
 Primary ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ROADWAY RELEASE (Continued)**

**S104774072**

Official City: LEICESTER  
Notification: 08/22/2000  
Category: TWO HR  
Status Date: 12/21/2000  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

**Actions:**

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/21/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 12/21/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 8/22/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/22/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 9/18/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**Chemicals:**

Chemical: DIESEL FUEL  
Quantity: 15 gallons  
Location Type: ROADWAY  
Source: VEHICLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

11  
South  
1/4-1/2  
0.370 mi.  
1953 ft.

GETTY STATION FMR  
154 MAIN ST  
LEICESTER, MA 01524

LUST S121826393  
INST CONTROL N/A  
RELEASE

Relative:  
Lower

LUST:

Actual:  
952 ft.

Facility:

Release Tracking Number/Current Status: 2-0000443 / RAO  
Status Date: 03/28/2008  
Source Type: UST  
Release Town: LEICESTER  
Notification Date: 04/15/1989  
Category: NONE  
Associated ID: 2-0000443  
Phase: PHASE II  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil  
Location Type: GASSTATION  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: PETROLEUM  
Quantity: Not reported

Actions:

Action Type: Activity and Use Limitation  
Action Status: Level I - Technical Screen Audit  
Action Date: 12/16/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS  
Action Status: WAVREC  
Action Date: 12/17/1990  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 12/19/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 12/19/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 12/19/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GETTY STATION FMR (Continued)**

**S121826393**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 2/14/1991

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS  
Action Status: WAVACC  
Action Date: 2/14/1991  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 2/14/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 2/19/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 2/3/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS  
Action Status: WAVSIG  
Action Date: 2/6/1991  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 2/6/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 3/17/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Activity and Use Limitation  
Action Status: Level II - Audit Inspection  
Action Date: 3/20/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GETTY STATION FMR (Continued)**

**S121826393**

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 3/20/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Submittal Retracted  
Action Date: 3/26/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 3/26/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 3/26/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 3/26/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Revised Statement or Transmittal Received  
Action Date: 3/28/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 3/28/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 4/15/1989  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Level I - Technical Screen Audit  
Action Date: 4/30/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 4/6/2006





Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GETTY STATION FMR (Continued)**

**S121826393**

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number: 2-0000443

Action Type: AUL

Action Stat: SNAUDI

Action Date: 03/20/2006

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number: 2-0000443

Action Type: AUL

Action Stat: TERMIN

Action Date: 09/04/2007

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number: 2-0000443

Action Type: AUL

Action Stat: TSAUD

Action Date: 12/16/2005

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 2-0000443 / RAO

Primary ID: 2-0000443

Official City: LEICESTER

Notification: 04/15/1989

Category: NONE

Status Date: 03/28/2008

Phase: PHASE II

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Activity and Use Limitation

Action Status: Level I - Technical Screen Audit

Action Date: 12/16/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS

Action Status: WAVREC

Action Date: 12/17/1990

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Activity and Use Limitation

Action Status: Transmittal, Notice, or Notification Received

Action Date: 12/19/1997

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GETTY STATION FMR (Continued)**

**S121826393**

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 12/19/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 12/19/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 2/14/1991  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS  
Action Status: WAVACC  
Action Date: 2/14/1991  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 2/14/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 2/19/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 2/3/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS  
Action Status: WAVSIG  
Action Date: 2/6/1991  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 2/6/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 3/17/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GETTY STATION FMR (Continued)**

**S121826393**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Activity and Use Limitation  
Action Status: Level II - Audit Inspection  
Action Date: 3/20/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 3/20/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Submittal Retracted  
Action Date: 3/26/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 3/26/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 3/26/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 3/26/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Revised Statement or Transmittal Received  
Action Date: 3/28/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 3/28/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 4/15/1989  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GETTY STATION FMR (Continued)**

**S121826393**

Action Type:	Phase 1
Action Status:	Level I - Technical Screen Audit
Action Date:	4/30/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	4/6/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	4/7/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	4/9/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	5/9/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	6/23/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	7/18/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	9/20/1989
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	An activity type that is related to an Audit
Action Status:	Audit Follow-up Completion Statement Received
Action Date:	9/4/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Activity and Use Limitation
Action Status:	Action Status or AUL Terminated
Action Date:	9/4/2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GETTY STATION FMR (Continued)**

**S121826393**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: PETROLEUM  
Quantity: Not reported  
Location Type: GASSTATION  
Source: UST

**C12  
SW  
1/4-1/2  
0.385 mi.  
2031 ft.**

**NEW ENGLAND TELEPHONE  
14 GROVE ST  
LEICESTER, MA 01524**

**SHWS S102084233  
RELEASE N/A**

**Site 2 of 2 in cluster C**

**Relative:  
Lower  
Actual:  
942 ft.**

SHWS:  
Facility ID: 2-0010465  
Source Type: DUMPSTER  
Release Town: LEICESTER  
Notification Date: 09/06/1994  
Category: TWO HR  
Associated ID: Not reported  
Current Status: RAO  
Status Date: 09/30/1994  
Phase: Not reported  
Response Action Outcome: A1  
Oil Or Haz Material: Oil

Release:

Release Tracking Number/Current Status: 2-0010465 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification Date: 09/06/1994  
Category: TWO HR  
Status Date: 09/30/1994  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/14/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 9/30/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEW ENGLAND TELEPHONE (Continued)**

**S102084233**

Action Status: Reportable Release under MGL 21E  
Action Date: 9/6/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 9/7/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 9/7/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 9/8/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 9/8/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
Chemical: UNKNOWN CHEMICAL OF TYPE - OIL  
Quantity: Not reported  
Chemical: OIL  
Quantity: Not reported  
Source: DUMPSTER

13  
SSE  
1/4-1/2  
0.395 mi.  
2086 ft.

**SILBERSTIEN RESIDENCE**  
**8 HENSHAW ST**  
**LEICESTER, MA 01524**

**SHWS S102084362**  
**LAST N/A**  
**RELEASE**

**Relative:** SHWS:  
**Lower** Facility ID: 2-0010643  
Source Type: PIPE  
**Actual:** Release Town: LEICESTER  
**859 ft.** Notification Date: 01/31/1995  
Category: TWO HR  
Associated ID: Not reported  
Current Status: RAO  
Status Date: 07/22/1996  
Phase: PHASE II  
Response Action Outcome: A2  
Oil Or Haz Material: Oil

LAST:  
Release Tracking Number/Current Status: 2-0010643 / RAO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SILBERSTIEN RESIDENCE (Continued)**

**S102084362**

Source Type: AST  
Release Town: LEICESTER  
Notification Date: 01/31/1995  
Category: TWO HR  
Associated ID: Not reported  
Status Date: 07/22/1996  
Phase: PHASE II  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil Or Haz Material: Oil

Chemicals:  
Chemical: #2 FUEL OIL  
Quantity: 130 gallons  
Chemical: #2 FUEL OIL  
Quantity: 135 gallons  
Location Type: RESIDENTIAL  
Source: PIPE  
Source: AST

Actions:  
Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/26/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/31/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 1/31/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/31/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 1/31/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 10/10/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SILBERSTIEN RESIDENCE (Continued)**

**S102084362**

Action Status:	Completion Statement Received
Action Date:	10/10/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Fee Received - FMCRA Use Only
Action Date:	10/11/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	2/10/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	2/2/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	2/6/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	3/11/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	3/11/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	3/11/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/11/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	An activity type that is related to an Audit
Action Status:	NAFNVD
Action Date:	4/10/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SILBERSTIEN RESIDENCE (Continued)**

**S102084362**

reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 4/5/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 4/6/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 7/22/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 2-0010643 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 01/31/1995  
Category: TWO HR  
Status Date: 07/22/1996  
Phase: PHASE II  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 1/26/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/31/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 1/31/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SILBERSTIEN RESIDENCE (Continued)**

**S102084362**

Action Date: 1/31/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 1/31/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 10/10/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 10/10/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 10/11/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 2/10/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 2/2/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 2/6/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Status or Interim Report Received  
Action Date: 3/11/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 3/11/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SILBERSTIEN RESIDENCE (Continued)**

**S102084362**

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 3/11/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/11/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 4/10/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 4/5/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 4/6/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 7/22/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: #2 FUEL OIL  
Quantity: 130 gallons  
Chemical: #2 FUEL OIL  
Quantity: 135 gallons  
Location Type: RESIDENTIAL  
Source: PIPE  
Source: AST

14  
SSW  
1/4-1/2  
0.397 mi.  
2098 ft.

**LEICESTER HOUSING AUTH  
30 PLEASANT ST  
LEICESTER, MA 01524**

**SHWS S102687240  
RELEASE N/A**

**Relative:** SHWS:  
**Lower** Facility ID: 2-0011883  
**Actual:** Source Type: Not reported  
**973 ft.** Release Town: LEICESTER  
Notification Date: 09/08/1997  
Category: 120 DY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LEICESTER HOUSING AUTH (Continued)**

**S102687240**

Associated ID: Not reported  
Current Status: RAO  
Status Date: 12/05/1997  
Phase: Not reported  
Response Action Outcome: A2  
Oil Or Haz Material: Oil

Release:

Release Tracking Number/Current Status: 2-0011883 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 09/08/1997  
Category: 120 DY  
Status Date: 12/05/1997  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 10/17/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: RFI  
Action Date: 10/17/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 12/5/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/8/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/8/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:

Chemical: TRANSFORMER OIL  
Quantity: 770 parts per million

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

15  
South  
1/4-1/2  
0.399 mi.  
2109 ft.

MAIN STREET CHERRY VALLEY LLC  
69 MAIN ST  
LEICESTER, MA 01524

SHWS  
INST CONTROL  
BROWNFIELDS  
RELEASE  
AIRS  
ASBESTOS  
ENF

S104562412  
N/A

Relative:  
Lower

Actual:  
922 ft.

SHWS:  
Facility ID: 2-0013351  
Source Type: UNKNOWN  
Release Town: LEICESTER  
Notification Date: 06/30/2000  
Category: 120 DY  
Associated ID: Not reported  
Current Status: RAO  
Status Date: 12/10/2010  
Phase: PHASE II  
Response Action Outcome: A3  
Oil Or Haz Material: Oil and Hazardous Material

INST CONTROL:  
Release Tracking Number: 2-0013351  
Action Type: AUL  
Action Stat: CONFRM  
Action Date: 11/12/2013  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 2-0013351  
Action Type: AUL  
Action Stat: LEGNOT  
Action Date: 09/13/2013  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 2-0013351  
Action Type: AUL  
Action Stat: RECPT  
Action Date: 07/11/2013  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 2-0013351  
Action Type: AUL  
Action Stat: SNAUDI  
Action Date: 09/16/2013  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 2-0013351  
Action Type: AUL  
Action Stat: SNAUDI  
Action Date: 12/31/2014  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAIN STREET CHERRY VALLEY LLC (Continued)**

**S104562412**

been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 2-0013351  
Action Type: AUL  
Action Stat: TSAUD  
Action Date: 01/24/2014  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 2-0013351  
Action Type: AUL  
Action Stat: TSAUD  
Action Date: 08/19/2013  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release Tracking Number: 2-0013351  
Action Type: AUL  
Action Stat: TSAUD  
Action Date: 09/16/2013  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

**BROWNFIELDS 2:**

RTN: 2-0013351  
RAO Class: A3  
Other RTNs: Not reported  
Current Owner: Cherry Valley Properties Llc  
MCP Status: RAO  
AUL: No  
COCs: Arsenic, Hydrocarbons, Benzenes, Lead, Cadmium  
Former Use: Not reported  
Current Use: Mill  
Total Acreage: 26.25

**Release:**

Release Tracking Number/Current Status: 2-0013351 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 06/30/2000  
Category: 120 DY  
Status Date: 12/10/2010  
Phase: PHASE II  
Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.  
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Activity and Use Limitation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAIN STREET CHERRY VALLEY LLC (Continued)**

**S104562412**

Action Status:	Level I - Technical Screen Audit
Action Date:	1/24/2014
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	1/3/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Activity and Use Limitation
Action Status:	Confirmatory AUL received
Action Date:	11/12/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	11/16/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	An activity type that is related to an Audit
Action Status:	Audit Follow-up Completion Statement Received
Action Date:	11/18/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	An activity type that is related to an Audit
Action Status:	NOA
Action Date:	11/28/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	11/30/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	12/10/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	RLFA
Action Status:	FOLOFF



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAIN STREET CHERRY VALLEY LLC (Continued)**

**S104562412**

Action Date: 12/15/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 12/18/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Level III - Comprehensive Audit  
Action Date: 12/18/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 12/22/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FLDRUN  
Action Date: 12/30/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: NAFNVD  
Action Date: 12/31/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Level II - Audit Inspection  
Action Date: 12/31/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 12/5/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Level III - Comprehensive Audit  
Action Date: 12/8/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAIN STREET CHERRY VALLEY LLC (Continued)**

**S104562412**

Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Compliance and Enforcement Action
Action Status:	Notice of Non-Compliance Issued
Action Date:	12/8/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	An activity type that is related to an Audit
Action Status:	Notice of Non-compliance related to an Audit
Action Date:	12/8/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	12/8/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	2/4/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	2/9/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	3/13/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	An activity type that is related to an Audit
Action Status:	NOA
Action Date:	3/16/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	3/28/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAIN STREET CHERRY VALLEY LLC (Continued)**

**S104562412**

reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: Interim Deadline Letter Issued  
Action Date: 3/6/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 4/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 4/17/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FLDRAN  
Action Date: 4/19/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Fee Not Required - Fee Credited-FMCRA Use Only  
Action Date: 4/30/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 4/5/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Abatement Measure  
Action Status: Level I - Technical Screen Audit  
Action Date: 5/1/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 6/15/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAIN STREET CHERRY VALLEY LLC (Continued)**

**S104562412**

been implemented.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 6/15/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 6/15/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 6/19/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 6/29/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/30/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/30/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 6/4/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/11/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAIN STREET CHERRY VALLEY LLC (Continued)**

**S104562412**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 7/25/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 7/3/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Level I - Technical Screen Audit  
Action Date: 8/19/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification  
Action Status: Level I - Technical Screen Audit  
Action Date: 8/28/2007  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FLDRUN  
Action Date: 8/29/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 8/4/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: Notice of Non-compliance related to an Audit  
Action Date: 9/13/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Level III - Comprehensive Audit  
Action Date: 9/13/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAIN STREET CHERRY VALLEY LLC (Continued)**

**S104562412**

Action Status: Legal Notice Published  
Action Date: 9/13/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO  
Action Status: Revised Statement or Transmittal Received  
Action Date: 9/13/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Level II - Audit Inspection  
Action Date: 9/16/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation  
Action Status: Level I - Technical Screen Audit  
Action Date: 9/16/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: An activity type that is related to an Audit  
Action Status: Notice of Non-compliance related to an Audit  
Action Date: 9/16/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Chemicals:  
Chemical: BENZO[A]ANTHRACENE  
Quantity: 5.53 milligrams per kilogram  
Chemical: LEAD  
Quantity: 810 milligrams per kilogram  
Chemical: BENZO[B]FLUORANTHENE  
Quantity: 5.82 milligrams per kilogram  
Chemical: ARSENIC  
Quantity: 570 milligrams per kilogram  
Chemical: CADMIUM  
Quantity: 53 milligrams per kilogram  
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS  
Quantity: 1440 milligrams per kilogram  
Source: UNKNOWN

AIRS:  
Address 2: Not reported  
Facility Status: APPROV  
Permit Code: AQ02  
Permit Name: Plan Approval Non-Major Comprehensive  
DEP Region: CE  
Application Tracking Number: 118372

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAIN STREET CHERRY VALLEY LLC (Continued)**

**S104562412**

Date Closed: 01/22/2002  
Applicant Name: LAHAM, ROBERT M  
Applicant Address: 7 CHARLTON ST  
Applicant City,St,Zip: EVERETT, MA 02149  
Applicant Telephone: 6173892440  
AQID: Not reported  
Owner Name: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Primary NAICS: Not reported  
NAICS Code: Not reported  
NAICS Desc: Not reported

**ASBESTOS:**

Notification: Not reported  
DEP Region: Not reported  
Notifiers Name: Not reported  
Start Date: 05/26/2006  
End Date: 05/26/2006  
Date Entered: Not reported  
Entry Date: 05/15/2006  
Quantity Material Removed SF: 25.00  
Quantity Material Removed LF: .00  
Project Description: Trns  
AR Tracking ID: 67988  
Super Lic Number: AS900226  
Monitor Lic Number: Not reported  
Lab Lic Number: AA000153  
Year: 2006  
Sticker Number: 100032770  
Form Type: ANF-001  
Fee Status: Fifty  
Facility Phone: 5082817111  
Sub Town: Not reported  
Worksite: BASEMENT  
Occupied: -1  
Contractor: AC000607  
Contract Type: Off  
Hours: Week days: 7:30-11:30 Week end: N/A  
Project Type: Renv  
Abatement Process: Fcontain  
Location: Indoors  
Decon Process: 3 STAGE  
Disposal Methods: 6 MIL BLACK BAGS DOUBLED, LABELED, TAPED, AND WETTED  
Facility Usage: Not reported  
Waiver Given: Not reported  
DEP Waiver Number: Not reported  
DLWD Waiver Number: Not reported  
Small Owner Occ: 4  
Owner Name: BOB LAHAM  
Owner Address: Not reported  
Owner City: Not reported  
Owner State: MA  
On Site Manager Name: Not reported  
On Site Manager Phone: Not reported  
Ins Comp: Not reported  
Policy Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAIN STREET CHERRY VALLEY LLC (Continued)**

**S104562412**

EXP Date: Not reported  
Facility Size: Not reported  
Transporter Name: WALSH ENVIRONMENTAL SERVICES  
Transporter Address: Not reported  
Transporter City: Not reported  
Transporter State: Not reported  
Final Site: 47  
Certified Name: ARTHUR H TALBOT  
Cert Sign Date: 05/15/2006  
Certified Company: WALSH ENVIRONMENTAL  
Certified Phone: 5088677502  
Entered\_by: Not reported

**ENFORCEMENT:**

Region: CERO  
DEP Region: CERO  
DEP Program: 3,A  
DEP Bureau: BWSC  
Program: Not reported  
Program Id: RTN 2-0013351  
High Or Low Level Enforcement: LLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 09/13/2011  
ENF #: NON-CE-11-3A066  
Document Type: NON  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): N  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Commercially Owned

16  
SSW  
1/4-1/2  
0.452 mi.  
2384 ft.

**VEHICLE ACCIDENT**  
**61 PLEASANT ST**  
**LEICESTER, MA 01524**

**SHWS S111989422**  
**RELEASE N/A**

**Relative:**  
**Lower**  
**Actual:**  
**962 ft.**

SHWS:  
Facility ID: 2-0018587  
Source Type: VEHICLE  
Release Town: LEICESTER  
Notification Date: 05/29/2012  
Category: TWO HR  
Associated ID: Not reported  
Current Status: RAO  
Status Date: 08/03/2012



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VEHICLE ACCIDENT (Continued)**

**S111989422**

Phase: Not reported  
Response Action Outcome: A1  
Oil Or Haz Material: Oil

Release:

Release Tracking Number/Current Status: 2-0018587 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 05/29/2012  
Category: TWO HR  
Status Date: 08/03/2012  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 5/29/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/29/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 8/3/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 8/3/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 9/17/2012  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:

Chemical: MOTOR OIL  
Quantity: 5 gallons  
Chemical: HYDRAULIC FLUID  
Quantity: 5 gallons  
Location Type: ROADWAY  
Location Type: RESIDENTIAL

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VEHICLE ACCIDENT (Continued)**

**S111989422**

Source: VEHICLE

**D17**  
**ENE**  
 1/4-1/2  
 0.471 mi.  
 2487 ft.

**LEICESTER LANDFILL**  
**151 MANNVILLE ST**  
**LEICESTER, MA**  
 Site 1 of 2 in cluster D

**SWF/LF** **S109613103**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**848 ft.**

LF PROFILES:  
 Site Type Code: MSW  
 Site Type Desc: Municipal Solid Waste  
 Status: Closed  
 Owner Type: Municipal  
 Stat Active Yr: 0:00  
 Stat Inactive Yr: 1991  
 Stat Close Yr: 03/07/1996  
 Lined?: Not Lined  
 Cap Status: Capped  
 Cap Cert Date: 03/07/1996  
 Post Closure Permit: Not reported  
 Post Closure Use: Not reported  
 LF Gas Energy: Not reported  
 Acres: 18.39  
 Acres Doc: EWA  
 Acres Doc Desc: Extent of Waste (approximate/presumed)  
 Electrical Provider: National Grid  
 Dist To Trans Miles: 0.24  
 Wind Speed 30m: 4.6707  
 Wind Speed 50m: 5.3133  
 Wind Speed 100m: 6.3938  
 Wind Speed 70m: 5.7998  
 Mass DEP FMF DB Id: 39416

**D18**  
**ENE**  
 1/4-1/2  
 0.471 mi.  
 2487 ft.

**RECYCLING CENTER**  
**199 MANNVILLE ST**  
**LEICESTER, MA**  
 Site 2 of 2 in cluster D

**MERCURY** **S117894876**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**848 ft.**

MERCURY:  
 Hours1: 1st  
 Hours2: 8am - 1pm  
 Website: [http://www.leicesterma.org/pages/LeicesterMA\\_BComm/Recy/mats.pdf](http://www.leicesterma.org/pages/LeicesterMA_BComm/Recy/mats.pdf)  
 Work Phone: (508) 892-7008  
 Button Batteries B: Not reported  
 Button Batteries R: Yes  
 Fluorescent Lamps (Incl# Cfls) B: Not reported  
 Fluorescent Lamps (Incl# Cfls) R: Yes  
 Thermostats B: Not reported  
 Thermostats R: Yes  
 Electronics-Inc Flat Panel TV,Laptops B: Not reported  
 Electronics-Inc Flat Panel TV,Laptops R: Yes  
 Other Hg Products-Thermometers Blood Press Cuffs B: Not reported  
 Other Hg Products-Thermometers Blood Press Cuffs R: Yes  
 Comments: Open to all those with a sticker.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

19  
SW  
1/4-1/2  
0.478 mi.  
2522 ft.

**ST PUIS CHURCH**  
1163 MAIN ST  
LEICESTER, MA 01524

**SHWS** S102084199  
**RELEASE** N/A

**Relative:**  
**Lower**  
**Actual:**  
**918 ft.**

**SHWS:**  
Facility ID: 2-0010411  
Source Type: Not reported  
Release Town: LEICESTER  
Notification Date: 09/16/1994  
Category: 120 DY  
Associated ID: Not reported  
Current Status: RAO  
Status Date: 01/26/1995  
Phase: Not reported  
Response Action Outcome: A1  
Oil Or Haz Material: Oil

**Release:**

Release Tracking Number/Current Status: 2-0010411 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 09/16/1994  
Category: 120 DY  
Status Date: 01/26/1995  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

**Actions:**

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 1/26/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 1/27/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Abatement Measure  
Action Status: Written Approval of Plan  
Action Date: 10/19/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/24/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ST PUIS CHURCH (Continued)**

**S102084199**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
 Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
 Action Date: 11/30/1994  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Compliance and Enforcement Action  
 Action Status: Notice of Non-Compliance Issued  
 Action Date: 12/12/1994  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Abatement Measure  
 Action Status: Fee Received - FMCRA Use Only  
 Action Date: 9/16/1994  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
 Action Status: Reportable Release under MGL 21E  
 Action Date: 9/16/1994  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Abatement Measure  
 Action Status: Written Plan Received  
 Action Date: 9/30/1994  
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
 Chemical: #2 FUEL OIL  
 Quantity: 1700 parts per million

**20**  
**SE**  
**1/2-1**  
**0.548 mi.**  
**2893 ft.**

**SERRATO SIGNS LLC**  
**774 MAIN STREET**  
**LEICESTER, MA**

**SHWS** **S113805020**  
**RELEASE** **N/A**

**Relative:** SHWS:  
**Lower** Facility ID: 2-0018900  
 Source Type: FUEL TANK  
**Actual:** Release Town: LEICESTER  
**855 ft.** Notification Date: 06/04/2013  
 Category: TWO HR  
 Associated ID: Not reported  
 Current Status: RAO  
 Status Date: 10/11/2013  
 Phase: Not reported  
 Response Action Outcome: A2  
 Oil Or Haz Material: Oil

Facility ID: 2-0018900  
 Source Type: LINE  
 Release Town: LEICESTER  
 Notification Date: 06/04/2013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SERRATO SIGNS LLC (Continued)**

**S113805020**

Category: TWO HR  
Associated ID: Not reported  
Current Status: RAO  
Status Date: 10/11/2013  
Phase: Not reported  
Response Action Outcome: A2  
Oil Or Haz Material: Oil

Release:

Release Tracking Number/Current Status: 2-0018900 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 06/04/2013  
Category: TWO HR  
Status Date: 10/11/2013  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/11/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 10/28/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 2/7/2014  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 6/14/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 6/18/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 6/18/2013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SERRATO SIGNS LLC (Continued)**

**S113805020**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 6/4/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 6/4/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 6/4/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of a Modified Plan  
Action Date: 6/4/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 6/4/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 6/6/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BOL  
Action Status: SHPTMP  
Action Date: 7/19/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 8/2/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 8/2/2013  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SERRATO SIGNS LLC (Continued)**

**S113805020**

Chemicals:  
Chemical: DIESEL FUEL  
Quantity: 5 gallons  
Chemical: HYDRAULIC FLUID  
Quantity: 5 gallons  
Location Type: ROADWAY  
Location Type: PRIVPROP  
Location Type: RESIDENTIAL  
Source: LINE  
Source: FUEL TANK

21  
WSW  
1/2-1  
0.721 mi.  
3809 ft.

**POLE 1**  
**1 FELIX DR**  
**LEICESTER, MA 01524**

**SHWS S102555430**  
**RELEASE N/A**

**Relative:**  
**Lower**  
**Actual:**  
**905 ft.**

SHWS:  
Facility ID: 2-0011600  
Source Type: PIPE  
Release Town: LEICESTER  
Notification Date: 02/05/1997  
Category: TWO HR  
Associated ID: Not reported  
Current Status: RAO  
Status Date: 04/04/1997  
Phase: Not reported  
Response Action Outcome: A1  
Oil Or Haz Material: Not reported

Release:  
Release Tracking Number/Current Status: 2-0011600 / RAO  
Primary ID: Not reported  
Official City: LEICESTER  
Notification: 02/05/1997  
Category: TWO HR  
Status Date: 04/04/1997  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:  
Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 2/11/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
  
Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 2/5/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**POLE 1 (Continued)**

**S102555430**

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 2/5/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 2/5/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 4/4/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/4/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
Chemical: HYDRAULIC OIL  
Quantity: 4 gallons  
Location Type: ROADWAY  
Location Type: WATERBODY  
Source: PIPE



Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LEICESTER	S105810503	MASS ELECTRIC CO TRANSFORMER RELEA	RTE 56 AT PLEASANT ST	01524	SHWS, RELEASE
LEICESTER	S107678046	DL TERMINALS	455 MAIN ST		SHWS, RELEASE
LEICESTER	S116357999	VEHICLE ACCIDENT	MAIN ST	01524	SHWS, RELEASE

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: N/A
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: N/A
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

#### NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: EPA  
Telephone: N/A  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016  
Date Data Arrived at EDR: 01/05/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 92

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 01/04/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/13/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (888) 372-7341
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (888) 372-7341
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (888) 372-7341
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

## RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (888) 372-7341
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 10/17/2018	Source: Department of the Navy
Date Data Arrived at EDR: 10/25/2018	Telephone: 843-820-7326
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 02/07/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 02/04/2019
Number of Days to Update: 17	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 02/04/2019
Number of Days to Update: 17	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Federal ERNS list**

### ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/24/2018  
Date Data Arrived at EDR: 09/25/2018  
Date Made Active in Reports: 11/09/2018  
Number of Days to Update: 45

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 02/08/2019  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Quarterly

## **State- and tribal - equivalent CERCLIS**

### SHWS: Site Transition List

Contains information on releases of oil and hazardous materials that have been reported to DEP.

Date of Government Version: 12/21/2018  
Date Data Arrived at EDR: 01/09/2019  
Date Made Active in Reports: 02/11/2019  
Number of Days to Update: 33

Source: Department of Environmental Protection  
Telephone: 617-292-5990  
Last EDR Contact: 01/09/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Quarterly

## **State and tribal landfill and/or solid waste disposal site lists**

### LF PROFILES: Landfill Profiles Listing

This spreadsheet describes landfills that have actively accepted waste or have closed under MassDEP Solid Waste Regulations first adopted in 1971 (310 CMR 16.00 and 310 CMR 19.00). The list does not include landfills that closed before 1971 (and which never had a MassDEP permit or approval), or for which agency data is incomplete.

Date of Government Version: 07/01/2015  
Date Data Arrived at EDR: 10/27/2015  
Date Made Active in Reports: 12/14/2015  
Number of Days to Update: 48

Source: Department of Environmental Protection  
Telephone: 617-292-5868  
Last EDR Contact: 01/04/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Varies

### SWF/LF: Solid Waste Facility Database/Transfer Stations

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/01/2018  
Date Data Arrived at EDR: 07/05/2018  
Date Made Active in Reports: 08/14/2018  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: 617-292-5989  
Last EDR Contact: 01/04/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Annually

## **State and tribal leaking storage tank lists**

### LAST: Leaking Aboveground Storage Tank Sites

Sites within the Releases Database that have a AST listed as its source.

Date of Government Version: 12/21/2018  
Date Data Arrived at EDR: 01/09/2019  
Date Made Active in Reports: 02/11/2019  
Number of Days to Update: 33

Source: Department of Environmental Protection  
Telephone: 617-292-5500  
Last EDR Contact: 01/09/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST: Leaking Underground Storage Tank Listing

Sites within the Leaking Underground Storage Tank Listing that have a UST listed as its source.

Date of Government Version: 12/21/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/09/2019	Telephone: 617-292-5990
Date Made Active in Reports: 02/11/2019	Last EDR Contact: 01/09/2019
Number of Days to Update: 33	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

## INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6271
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3372
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-7439
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

### **State and tribal registered storage tank lists**

#### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/08/2019
Number of Days to Update: 136	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Varies

#### UST: Summary Listing of all the Tanks Registered in the State of Massachusetts

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/08/2019	Source: Department of Fire Services, Office of the Public Safety
Date Data Arrived at EDR: 01/17/2019	Telephone: 617-556-1035
Date Made Active in Reports: 02/11/2019	Last EDR Contact: 01/14/2019
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Quarterly

#### AST 2: Aboveground Storage Tanks

Aboveground storage tanks

Date of Government Version: 01/15/2019	Source: Department of Fire Services
Date Data Arrived at EDR: 01/17/2019	Telephone: 978-567-3181
Date Made Active in Reports: 02/11/2019	Last EDR Contact: 01/14/2019
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Varies

#### AST: Aboveground Storage Tank Database

Registered Aboveground Storage Tanks.

Date of Government Version: 12/19/2018	Source: Department of Public Safety
Date Data Arrived at EDR: 12/20/2018	Telephone: 617-556-1035
Date Made Active in Reports: 02/11/2019	Last EDR Contact: 12/20/2018
Number of Days to Update: 53	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: No Update Planned

#### INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/13/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3368
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-6136
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6137
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 01/25/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 01/25/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 01/25/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## ***State and tribal institutional control / engineering control registries***

### INST CONTROL: Sites With Activity and Use Limitation

Activity and Use Limitations establish limits and conditions on the future use of contaminated property, and therefore allow cleanups to be tailored to these uses.

Date of Government Version: 12/21/2018  
Date Data Arrived at EDR: 01/09/2019  
Date Made Active in Reports: 02/11/2019  
Number of Days to Update: 33

Source: Department of Environmental Protection  
Telephone: 617-292-5990  
Last EDR Contact: 01/09/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Quarterly

## ***State and tribal voluntary cleanup sites***

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015  
Date Data Arrived at EDR: 09/29/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 142

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 12/19/2018  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Varies

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

## ***State and tribal Brownfields sites***

### BROWNFIELDS 2: Potential Brownfields Listing

A listing of potential brownfields site locations in the state.

Date of Government Version: 05/22/2017  
Date Data Arrived at EDR: 08/03/2017  
Date Made Active in Reports: 09/22/2017  
Number of Days to Update: 50

Source: Department of Environmental Protection  
Telephone: 617-556-1007  
Last EDR Contact: 02/01/2019  
Next Scheduled EDR Contact: 05/13/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## BROWNFIELDS: Completed Brownfields Covenants Listing

Under Massachusetts law, M.G.L. c. 21E is the statute that governs the cleanup of releases of oil and/or hazardous material to the environment. The Brownfields Act of 1998 amended M.G.L. c. 21E by establishing significant liability relief and financial incentives to spur the redevelopment of brownfields, while ensuring that the Commonwealth's environmental standards are met. Most brownfields are redeveloped with the benefit of liability protections that operate automatically under M.G.L. c. 21E.

Date of Government Version: 04/05/2017  
Date Data Arrived at EDR: 08/03/2017  
Date Made Active in Reports: 10/10/2017  
Number of Days to Update: 68

Source: Office of the Attorney General  
Telephone: 617-963-2423  
Last EDR Contact: 02/01/2019  
Next Scheduled EDR Contact: 05/13/2019  
Data Release Frequency: Annually

## ADDITIONAL ENVIRONMENTAL RECORDS

### ***Local Brownfield lists***

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018  
Date Data Arrived at EDR: 12/18/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 24

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 12/18/2018  
Next Scheduled EDR Contact: 04/01/2019  
Data Release Frequency: Semi-Annually

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

#### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 01/29/2019  
Next Scheduled EDR Contact: 05/13/2019  
Data Release Frequency: Varies

#### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 01/17/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 02/01/2019  
Next Scheduled EDR Contact: 05/13/2019  
Data Release Frequency: Varies

## **Local Lists of Hazardous waste / Contaminated Sites**

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/21/2018  
Date Data Arrived at EDR: 09/21/2018  
Date Made Active in Reports: 11/09/2018  
Number of Days to Update: 49

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/21/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: No Update Planned

### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/21/2018  
Date Data Arrived at EDR: 09/21/2018  
Date Made Active in Reports: 11/09/2018  
Number of Days to Update: 49

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/21/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Quarterly

## **Local Land Records**

### LIENS: Liens Information Listing

A listing of environmental liens.

Date of Government Version: 03/07/2018  
Date Data Arrived at EDR: 03/09/2018  
Date Made Active in Reports: 06/21/2018  
Number of Days to Update: 104

Source: Department of Environmental Protection  
Telephone: 617-292-5628  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 02/08/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

## MA SPILLS: Historical Spill List

The Spills Database was the release notification tracking system for spills that occurred prior to October 1, 1993. This information should be considered to be primarily of historical interest since all of the listed spills have either been cleaned up or assigned new tracking numbers and moved to the Reportable Releases or Sites Transition List databases.

Date of Government Version: 09/30/1993	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/03/2003	Telephone: 617-292-5720
Date Made Active in Reports: 12/31/2003	Last EDR Contact: 12/03/2003
Number of Days to Update: 28	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## RELEASE: Reportable Releases

Contains information on all releases of oil and hazardous materials that have been reported to DEP

Date of Government Version: 12/21/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/09/2019	Telephone: 617-292-5990
Date Made Active in Reports: 02/11/2019	Last EDR Contact: 01/09/2019
Number of Days to Update: 33	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/11/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/08/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 03/10/1998	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/05/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **Other Ascertainable Records**

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2018  
Date Data Arrived at EDR: 03/28/2018  
Date Made Active in Reports: 06/22/2018  
Number of Days to Update: 86

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 12/03/2018  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Quarterly

## FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015  
Date Data Arrived at EDR: 07/08/2015  
Date Made Active in Reports: 10/13/2015  
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 02/22/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 01/11/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Semi-Annually

## FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 01/11/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: N/A

## SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 05/27/2019  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/31/2018  
Date Data Arrived at EDR: 09/25/2018  
Date Made Active in Reports: 11/09/2018  
Number of Days to Update: 45

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 02/04/2019  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 02/08/2019
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 02/08/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Varies

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 12/21/2018
Number of Days to Update: 198	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 02/20/2019
Number of Days to Update: 2	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 01/25/2019
Number of Days to Update: 77	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: 703-416-0223
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Annually

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/26/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2018	Telephone: 202-564-8600
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 01/22/2019
Number of Days to Update: 66	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018	Source: EPA
Date Data Arrived at EDR: 10/04/2018	Telephone: 202-564-6023
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 02/15/2019
Number of Days to Update: 36	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/14/2018	Source: EPA
Date Data Arrived at EDR: 10/11/2018	Telephone: 202-566-0500
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 01/11/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Annually



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/07/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

**FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

**FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/22/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Quarterly

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/05/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/03/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 01/25/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2018	Telephone: 202-343-9775
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 01/03/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 10/01/2018	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 10/30/2018	Telephone: 202-366-4595
Date Made Active in Reports: 01/18/2019	Last EDR Contact: 01/29/2019
Number of Days to Update: 80	Next Scheduled EDR Contact: 05/11/2019
	Data Release Frequency: Quarterly

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2018  
Date Data Arrived at EDR: 10/12/2018  
Date Made Active in Reports: 12/07/2018  
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 09/28/2017  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017  
Date Data Arrived at EDR: 09/11/2018  
Date Made Active in Reports: 09/14/2018  
Number of Days to Update: 3

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017  
Date Data Arrived at EDR: 10/11/2017  
Date Made Active in Reports: 11/03/2017  
Number of Days to Update: 23

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 02/22/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018  
Date Data Arrived at EDR: 08/29/2018  
Date Made Active in Reports: 10/05/2018  
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 03/01/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 03/01/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018	Source: Department of Interior
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-208-2609
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 12/19/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/15/2018	Source: EPA
Date Data Arrived at EDR: 12/05/2018	Telephone: (617) 918-1111
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 01/31/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 03/01/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/14/2019
Number of Days to Update: 87	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Varies

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/05/2018	Telephone: 202-564-2280
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/07/2019
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/22/2018  
Date Data Arrived at EDR: 08/22/2018  
Date Made Active in Reports: 10/05/2018  
Number of Days to Update: 44

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 02/21/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Quarterly

## AIRS: Permitted Facilities Listing

A listing of Air Quality permit applications.

Date of Government Version: 01/16/2019  
Date Data Arrived at EDR: 01/17/2019  
Date Made Active in Reports: 02/11/2019  
Number of Days to Update: 25

Source: Department of Environmental Protection  
Telephone: 617-292-5789  
Last EDR Contact: 01/14/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Varies

## ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 12/19/2018  
Date Data Arrived at EDR: 12/20/2018  
Date Made Active in Reports: 02/11/2019  
Number of Days to Update: 53

Source: Department of Environmental Protection  
Telephone: 617-292-5982  
Last EDR Contact: 02/21/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## DRYCLEANERS: Regulated Drycleaning Facilities

A listing of Department of Environmental Protection regulated drycleaning facilities that use perchloroethylene under the Environmental Results Program.

Date of Government Version: 12/27/2018  
Date Data Arrived at EDR: 01/17/2019  
Date Made Active in Reports: 02/11/2019  
Number of Days to Update: 25

Source: Department of Environmental Protection  
Telephone: 617-292-5633  
Last EDR Contact: 01/14/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Varies

## ENFORCEMENT: Enforcement Action Cases

A listing of enforcement action cases tracked by Department of Environmental Protection programs, including Solid Waste and Hazardous Waste.

Date of Government Version: 01/28/2019  
Date Data Arrived at EDR: 01/29/2019  
Date Made Active in Reports: 02/11/2019  
Number of Days to Update: 13

Source: Department of Environmental Quality  
Telephone: 617-292-5979  
Last EDR Contact: 01/28/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/01/2010  
Date Data Arrived at EDR: 12/23/2010  
Date Made Active in Reports: 02/03/2011  
Number of Days to Update: 42

Source: Department of Environmental Protection  
Telephone: 617-292-5970  
Last EDR Contact: 12/07/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Varies

## Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tanks. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/11/2018  
Date Data Arrived at EDR: 07/17/2018  
Date Made Active in Reports: 09/05/2018  
Number of Days to Update: 50

Source: Office of State Fire Marshal  
Telephone: 978-567-3100  
Last EDR Contact: 02/19/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Varies

## Financial Assurance 3: Financial Assurance Information listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 01/16/2018  
Date Data Arrived at EDR: 04/17/2018  
Date Made Active in Reports: 06/15/2018  
Number of Days to Update: 59

Source: Department of Environmental Protection  
Telephone: 617-292-5970  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Varies

## GWDP: Ground Water Discharge Permits

The Ground Water Discharge Permits datalayer (formerly known as Groundwater Discharge Points) is a statewide point dataset containing approximate locations of permitted discharges to groundwater.

Date of Government Version: 01/10/2019  
Date Data Arrived at EDR: 01/30/2019  
Date Made Active in Reports: 02/11/2019  
Number of Days to Update: 12

Source: MassGIS  
Telephone: 617-556-1150  
Last EDR Contact: 01/30/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Varies

## HW GEN: List of Massachusetts Hazardous Waste Generators

Permanent generator identification numbers for all Massachusetts generators of hazardous waste and waste oil that have registered with or notified MassDEP of their hazardous waste activities.

Date of Government Version: 11/13/2018  
Date Data Arrived at EDR: 12/21/2018  
Date Made Active in Reports: 02/11/2019  
Number of Days to Update: 52

Source: Department of Environmental Protection  
Telephone: 617-292-5500  
Last EDR Contact: 12/21/2018  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Semi-Annually

## MERCURY: Mercury Product Recycling Drop-Off Locations Listing

A listing of locations, collecting and recycling for mercury-added products. Mercury is toxic to the human nervous system, as well as fish and animals. Mercury can enter the body either through skin absorption or through inhalation of mercury vapors. At room temperature, small beads of mercury will vaporize.

Date of Government Version: 05/07/2018  
Date Data Arrived at EDR: 05/25/2018  
Date Made Active in Reports: 06/25/2018  
Number of Days to Update: 31

Source: Department of Environmental Protection  
Telephone: 617-292-5632  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## NPDES: NPDES Permit Listing

Listing of treatment plants in Massachusetts that hold permits to discharge to groundwater.

Date of Government Version: 11/14/2018  
Date Data Arrived at EDR: 11/15/2018  
Date Made Active in Reports: 12/17/2018  
Number of Days to Update: 32

Source: Department of Environmental Protection  
Telephone: 508-767-2781  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 05/27/2019  
Data Release Frequency: Varies

## TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 05/17/2018  
Date Made Active in Reports: 06/29/2018  
Number of Days to Update: 43

Source: Massachusetts Emergency Management Agency  
Telephone: 508-820-2019  
Last EDR Contact: 01/11/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Annually

## TSD: TSD Facility

List of Licensed Hazardous Waste Treatment, Storage Disposal Facilities (TSDFs) in Massachusetts.

Date of Government Version: 12/20/2018  
Date Data Arrived at EDR: 12/26/2018  
Date Made Active in Reports: 02/11/2019  
Number of Days to Update: 47

Source: Department of Environmental Protection  
Telephone: 617-292-5580  
Last EDR Contact: 12/20/2018  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Varies

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Massachusetts.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/24/2013  
Number of Days to Update: 176

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Massachusetts.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/24/2013  
Number of Days to Update: 176

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

#### CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 11/12/2018  
Date Data Arrived at EDR: 11/14/2018  
Date Made Active in Reports: 12/04/2018  
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 02/12/2019  
Next Scheduled EDR Contact: 05/27/2019  
Data Release Frequency: No Update Planned

#### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 07/13/2018  
Date Made Active in Reports: 08/01/2018  
Number of Days to Update: 19

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019  
Date Data Arrived at EDR: 01/30/2019  
Date Made Active in Reports: 02/14/2019  
Number of Days to Update: 15

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 01/30/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Quarterly

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 10/23/2018  
Date Made Active in Reports: 11/27/2018  
Number of Days to Update: 35

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/11/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 02/23/2018  
Date Made Active in Reports: 04/09/2018  
Number of Days to Update: 45

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/19/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Annually

## VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 01/16/2019  
Date Data Arrived at EDR: 01/17/2019  
Date Made Active in Reports: 02/19/2019  
Number of Days to Update: 33

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 01/14/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 06/15/2018  
Date Made Active in Reports: 07/09/2018  
Number of Days to Update: 24

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 12/07/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

## Electric Power Transmission Line Data

Source: PennWell Corporation

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

## State Wetlands Data: Wetland Inventory

Source: MassDEP

Telephone: 617-292-5907

## Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

LEICESTER MIDDLE SCHOOL  
70 WINSLOW AVENUE  
LEICESTER, MA 01524

### TARGET PROPERTY COORDINATES

Latitude (North): 42.251246 - 42° 15' 4.49"  
Longitude (West): 71.904341 - 71° 54' 15.63"  
Universal Tranverse Mercator: Zone 19  
UTM X (Meters): 260401.2  
UTM Y (Meters): 4681543.5  
Elevation: 993 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map: 5645764 PAXTON, MA  
Version Date: 2012

South Map: 5644818 LEICESTER, MA  
Version Date: 2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

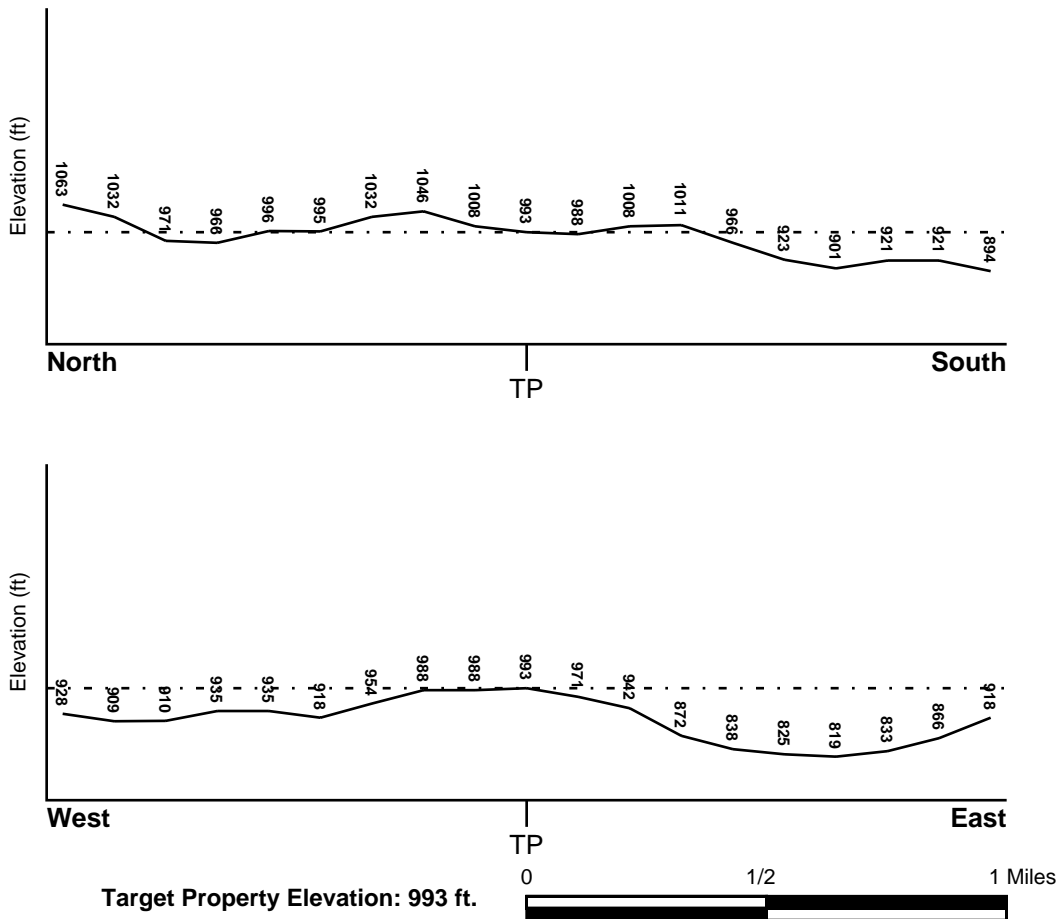
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
25027C0595E	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
25027C0781E	FEMA FIRM Flood data
25027C0782E	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic</u>
PAXTON	<u>Data Coverage</u>
	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
A1	1/4 - 1/2 Mile SSW	VARIES
3	1/4 - 1/2 Mile SW	SSW
1G	1/4 - 1/2 Mile SW	SSW
2G	1/4 - 1/2 Mile SSW	VARIES

For additional site information, refer to Physical Setting Source Map Findings.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

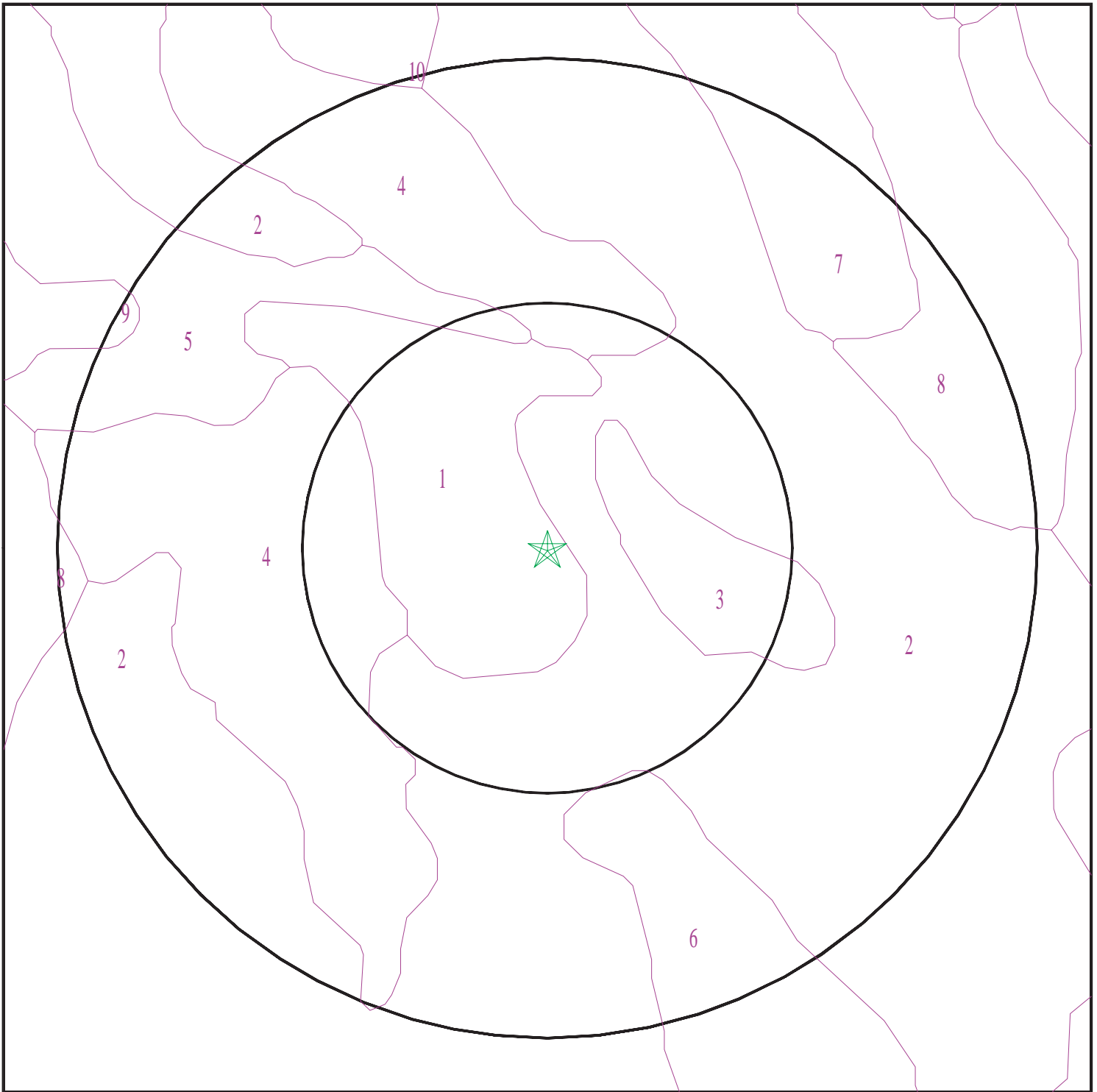
Era:	Paleozoic
System:	Devonian and Silurian
Series:	Devonian and Silurian
Code:	DSe ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

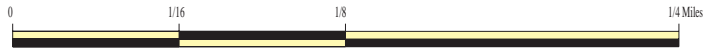
Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 5578369.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Leicester Middle School  
ADDRESS: 70 Winslow Avenue  
Leicester MA 01524  
LAT/LONG: 42.251246 / 71.904341

CLIENT: Fuss & O Neill  
CONTACT: Heidi Keller  
INQUIRY #: 5578369.2s  
DATE: March 04, 2019 8:30 am



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

### Soil Map ID: 1

Soil Component Name: Udorthents

Soil Surface Texture: variable

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:  
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	variable	Not reported	Not reported	Max: 141.14 Min: 0.42	Max: Min:
2	5 inches	59 inches	variable	Not reported	Not reported	Max: 141.14 Min: 0.42	Max: Min:

### Soil Map ID: 2

Soil Component Name: Paxton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
2	7 inches	24 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
3	24 inches	64 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5

### Soil Map ID: 3

Soil Component Name: Ridgebury

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 8 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6.5 Min: 4.5
2	7 inches	22 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6.5 Min: 4.5

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	22 inches	64 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6.5 Min: 4.5

### Soil Map ID: 4

Soil Component Name: Paxton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
2	7 inches	24 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
3	24 inches	64 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5

### Soil Map ID: 5

Soil Component Name: Woodbridge

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
2	11 inches	22 inches	loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
3	22 inches	64 inches	loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5

### Soil Map ID: 6

Soil Component Name: Paxton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
2	7 inches	24 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	24 inches	64 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5

### Soil Map ID: 7

Soil Component Name: Paxton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
2	7 inches	24 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
3	24 inches	64 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5

### Soil Map ID: 8

Soil Component Name: Paxton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
2	7 inches	24 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
3	24 inches	64 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5

### Soil Map ID: 9

Soil Component Name: Woodbridge

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
2	11 inches	22 inches	loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	22 inches	64 inches	loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5

**Soil Map ID: 10**

Soil Component Name: Woodbridge

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
2	11 inches	22 inches	loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
3	22 inches	64 inches	loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5

**LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B4	USGS40000470839	1/2 - 1 Mile NNW
6	USGS40000470631	1/2 - 1 Mile SSW
7	USGS40000470772	1/2 - 1 Mile ENE
8	USGS40000470878	1/2 - 1 Mile NW
9	USGS40000470908	1/2 - 1 Mile NNW
11	USGS40000470551	1/2 - 1 Mile South

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	MA2257006	1/4 - 1/2 Mile SSW

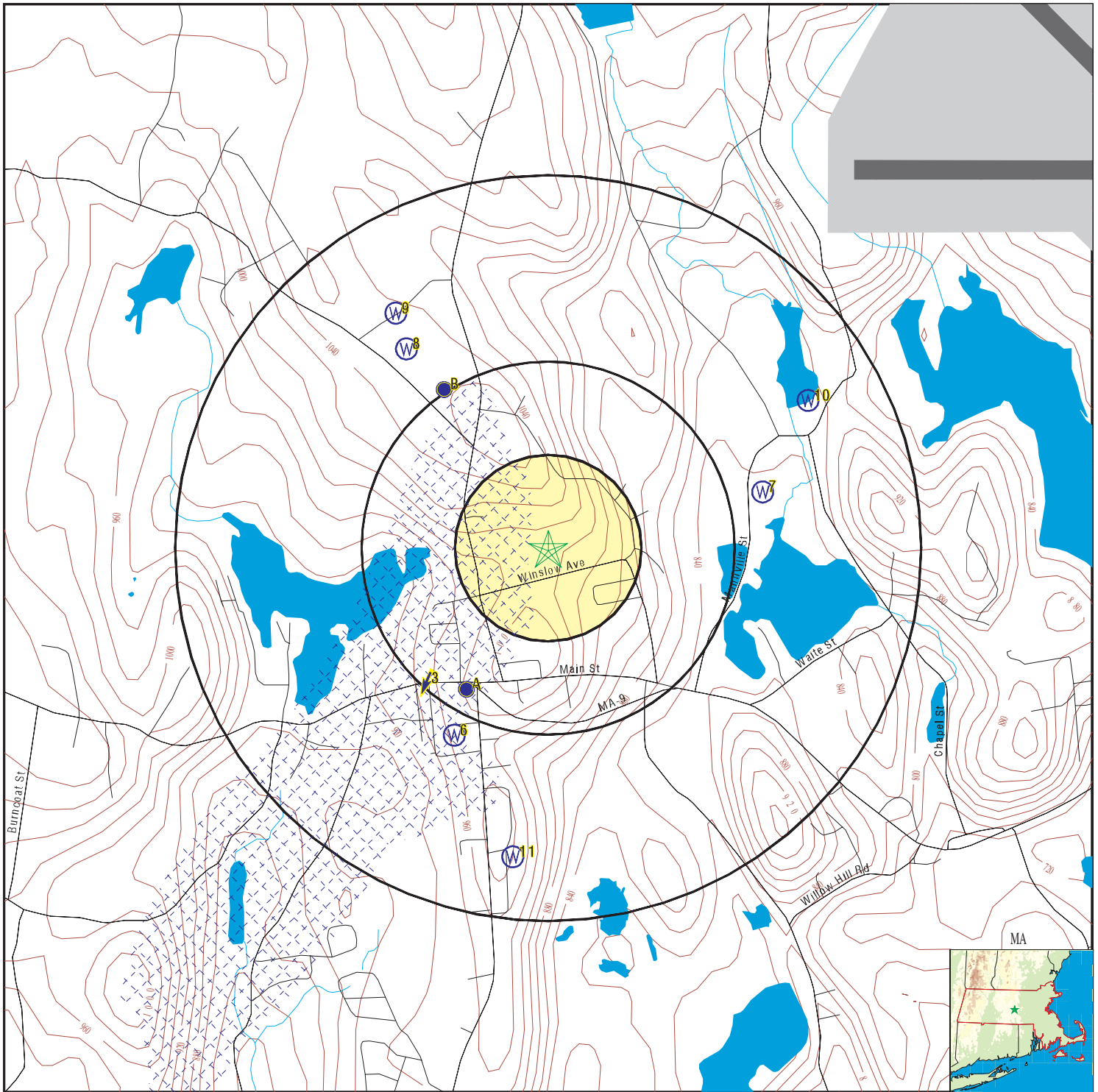
Note: PWS System location is not always the same as well location.

## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B5	MA9000000000695	1/2 - 1 Mile NNW
10	MA9000000000527	1/2 - 1 Mile ENE



# PHYSICAL SETTING SOURCE MAP - 5578369.2s



- |  |  |                            |                                     |
|--|--|----------------------------|-------------------------------------|
| County Boundary                            | 0 1/4 1/2 1 Miles                          | Groundwater Flow Direction | Potentially Productive Aquifers     |
| Major Roads                                | Indeterminate Groundwater Flow at Location | Water Wells                | Not Potentially Productive Aquifers |
| Contour Lines                              | Groundwater Flow Varies at Location        | Water Wells                | DEP Approved Zone IIs               |
| Airports                                   |  | Water Wells                | EPA Designated Sole Src. Aq.        |
| Earthquake epicenter, Richter 5 or greater |  | Water Wells                |                                     |
| Water Wells                                |  | Water Wells                |                                     |
| Public Water Supply Wells                  |  | Water Wells                |                                     |
| Cluster of Multiple Icons                  |  | Water Wells                |                                     |

SITE NAME: Leicester Middle School  
 ADDRESS: 70 Winslow Avenue  
 Leicester MA 01524  
 LAT/LONG: 42.251246 / 71.904341

CLIENT: Fuss & O'Neill  
 CONTACT: Heidi Keller  
 INQUIRY #: 5578369.2s  
 DATE: March 04, 2019 8:30 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

<b>A1</b>	Site ID:	2-0000443	
<b>SSW</b>	Groundwater Flow:	VARIES	<b>AQUIFLOW      5028</b>
<b>1/4 - 1/2 Mile</b>	Water Table Depth:	Shallowest: 0.3 ft. Deepest: 3.375 ft.	
<b>Lower</b>	Date:	12/04/1989	

<b>A2</b>			
<b>SSW</b>			<b>FRDS PWS      MA2257006</b>
<b>1/4 - 1/2 Mile</b>			
<b>Lower</b>			

Epa region:	01	State:	MA
Pwsid:	MA2257006	Pwsname:	BRISCHS
Cityserved:	Not Reported	Stateserved:	MA
Zipsserved:	Not Reported	Fipscounty:	25027
Status:	Closed	Retpopsrvd:	25
Pwssvconn:	1	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	Private
Contact:	BRISCHS	Contactorgname:	Not Reported
Contactphone:	Not Reported	Contactaddress1:	RT 122
Contactaddress2:	Not Reported	Contactcity:	RUTLAND
Contactstate:	MA	Contactzip:	015430000
Pwsactivitycode:	I		

PWS ID:	MA2257006	PWS type:	Mailing
PWS name:	BRISCH'S	PWS address:	RT 122
PWS city:	RUTLAND	PWS state:	MA
PWS zip:	01543	PWS ID:	MA2257006
Activity status:	Active	Date system activated:	9003
Date system deactivated:	Not Reported	Retail population:	00000025
System name:	BRISCH'S	System address:	RT 122
System city:	RUTLAND	System state:	MA
System zip:	01543		

Population served:	Under 101 Persons	Treatment:	Treated
Latitude:	421444	Longitude:	0715433

<b>3</b>	Site ID:	2-0000685	
<b>SW</b>	Groundwater Flow:	SSW	<b>AQUIFLOW      5027</b>
<b>1/4 - 1/2 Mile</b>	Water Table Depth:	Shallowest: 4 ft. Deepest: 12 ft.	
<b>Lower</b>	Date:	12/05/1994	

<b>B4</b>			
<b>NNW</b>			<b>FED USGS      USGS40000470839</b>
<b>1/2 - 1 Mile</b>			
<b>Higher</b>			

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center	Type:	Well
Monitor Location:	MA-LPW 1	HUC:	01090003
Description:	Not Reported	Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Contrib Drainage Area:	Not Reported	Formation Type:	Bedrock
Aquifer:	Not Reported	Construction Date:	19620320
Aquifer Type:	Not Reported	Well Depth Units:	ft
Well Depth:	800		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Hole Depth: 800 Well Hole Depth Units: ft

**B5  
NNW  
1/2 - 1 Mile  
Higher**

**MA WELLS MA9000000000695**

PWS ID: 2151000 Site Name: ROCK WELL #4  
 Type: Community Groundwater Well  
 Facility Name: Not Reported SubBasin: FRENCH

Basemap: DOQ Accuracy Estimate (ft): 100  
 Feature Type: PH Location Method: PHO  
 Primary Location Source: AP\_DOQ Secondary Location Source: SV  
 Tertiary Location Source: Not Reported

Source ID: 2151000-05G PWS Name: LEICESTER WATER SUPPLY DISTRICT  
 Source Name: ROCK WELL #4 PWS Status: A  
 Source Status: I PWS Class: COM  
 Source Availability: INACT

**6  
SSW  
1/2 - 1 Mile  
Lower**

**FED USGS USGS40000470631**

Organization ID: USGS-MA  
 Organization Name: USGS Massachusetts Water Science Center  
 Monitor Location: MA-LPW 5 Type: Well  
 Description: Not Reported HUC: 01100001  
 Drainage Area: Not Reported Drainage Area Units: Not Reported  
 Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported  
 Aquifer: New England crystalline-rock aquifers  
 Formation Type: Not Reported Aquifer Type: Not Reported  
 Construction Date: 19520329 Well Depth: 600  
 Well Depth Units: ft Well Hole Depth: Not Reported  
 Well Hole Depth Units: Not Reported

**7  
ENE  
1/2 - 1 Mile  
Lower**

**FED USGS USGS40000470772**

Organization ID: USGS-MA  
 Organization Name: USGS Massachusetts Water Science Center  
 Monitor Location: MA-LPW 29 Type: Well  
 Description: Not Reported HUC: 01090003  
 Drainage Area: Not Reported Drainage Area Units: Not Reported  
 Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported  
 Aquifer: Not Reported Formation Type: Not Reported  
 Aquifer Type: Not Reported Construction Date: 1966  
 Well Depth: 196 Well Depth Units: ft  
 Well Hole Depth: 196 Well Hole Depth Units: ft

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**8**  
**NW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000470878**

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-LPW 26	Type:	Well
Description:	Not Reported	HUC:	01100001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	New England crystalline-rock aquifers		
Formation Type:	Crystalline Rocks, Undifferentiated		
Aquifer Type:	Not Reported	Construction Date:	1962
Well Depth:	140	Well Depth Units:	ft
Well Hole Depth:	140	Well Hole Depth Units:	ft

**9**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000470908**

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-LPW 27	Type:	Well
Description:	Not Reported	HUC:	01090003
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1960
Well Depth:	110	Well Depth Units:	ft
Well Hole Depth:	110	Well Hole Depth Units:	ft

**10**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**MA WELLS      MA9000000000527**

PWS ID:	2348000	Site Name:	KETTLE BROOK (#1) RESERVOIR NO. 1
Type:	Community Surface Water Source		
Facility Name:	Not Reported	SubBasin:	BLACKSTONE
Basemap:	NA	Accuracy Estimate (ft):	100
Feature Type:	SW	Location Method:	GP_6
Primary Location Source:	SV	Secondary Location Source:	Not Reported
Tertiary Location Source:	Not Reported		
Source ID:	2348000-07S		
PWS Name:	WORCESTER DPW, WATER SUPPLY DIVISION		
Source Name:	KETTLE BROOK (#1) RESERVOIR NO. 1		
PWS Status:	A	Source Status:	A
PWS Class:	COM	Source Availability:	ACTIVE

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**11**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000470551**

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	MA-LAW 4	Type:	Well
Description:	Not Reported	HUC:	01100001
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	New England crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Not Reported
Construction Date:	19640715	Well Depth:	185
Well Depth Units:	ft	Well Hole Depth:	185
Well Hole Depth Units:	ft		

**1G**  
**SW**  
**1/4 - 1/2 Mile**  
**Lower**

Site ID: 2-0000685  
 Groundwater Flow: SSW  
 Water Table Depth: Shallowest: 4 ft. Deepest: 12 ft.  
 Date: 12/05/1994

**AQUIFLOW      5027**

**2G**  
**SSW**  
**1/4 - 1/2 Mile**  
**Lower**

Site ID: 2-0000443  
 Groundwater Flow: VARIES  
 Water Table Depth: Shallowest: 0.3 ft. Deepest: 3.375 ft.  
 Date: 12/04/1989

**AQUIFLOW      5028**

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: MA Radon

### Radon Test Results

County	% of sites > 4 pCi/L	Median
WORCESTER	38	2.8

Federal EPA Radon Zone for WORCESTER County: 1

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

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Federal Area Radon Information for Zip Code: 01524

Number of sites tested: 2

Area	Average Activity	% < 4 pCi/L	% 4-20 pCi/L	% > 20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	5.350 pCi/L	0%	100%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: MassDEP

Telephone: 617-292-5907

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Massachusetts Geographic Information System (MassGIS) Datalayers

Source: Executive Office of Environmental Affairs

Telephone:

#### Public Water Supply Database

Telephone:

The Public Water Supply datalayer contains the locations of public community surface and groundwater supply sources and public non-community supply sources as defined in 310 CMR 22.00.

#### Areas of Critical Environmental Concern

Telephone:

The Areas of Critical Environmental Concern (ACEC) datalayer shows the location of areas that have been designated ACECs by the Secretary of Environmental Affairs. ACEC designation requires greater environmental review of certain kinds of proposed development under state jurisdiction within the ACEC boundaries. The ACEC Program is administered by the Department of Environmental Management (DEM) on behalf of the Secretary of Environmental Affairs. The Massachusetts Coastal Zone Management (MCZM) Office managed the original Coastal ACEC Program from 1978 to 1993, and continues to play a key role in monitoring coastal ACECs. Procedures for ACEC designation and the general policies governing the effects of designation are contained in the ACEC regulations (301 CMR 12.00). The ACEC datalayer has been compiled by MCZM and DEM and includes both coastal and inland areas.

#### EPA Designated Sole Source Aquifers

Telephone:

The Sole Source Aquifer datalayer was compiled by the Department of Environmental Protection (DEP) Division of Water Supply (DWS). Seven Sole Source Aquifers have been designated by the US Environmental Protection Agency (EPA) for Massachusetts. A Sole Source Aquifer (SSA) is an aquifer designated by US EPA as the sole or principal source of drinking water for a given aquifer service area; that is, an aquifer which is needed to supply 50% or more of the drinking water for that area and for which there are no reasonably available alternative sources should that aquifer become contaminated. The aquifers were defined by an EPA hydrogeologist.

#### Aquifers

Telephone:

MassGIS produced an aquifer datalayer composed of 20 individual panels, generally based on the boundaries of the major drainage basins. Areas of high and medium yield were mapped. This datalayer includes polygon attribute coding to help in the identification of areas in which cleanup of hazardous waste sites must meet drinking water standards, as defined in the Massachusetts Contingency Plan (MCP) (310 CMR 40.00000).

#### Non-Potential Drinking Water Source Areas

Telephone:

Non-Potential Drinking Water Source Areas (NPDWSA) are regulatory in nature representing one of many considerations used in determining the standards to which ground water must be cleaned in the event of a release of oil or hazardous material. NPDWSAs are not based on existing water quality and do not indicate poor ambient conditions.

#### DEP Approved Zone IIs

Telephone:



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## OTHER STATE DATABASE INFORMATION

### RADON

State Database: MA Radon  
Source: Department of Health  
Telephone: 413-586-7525  
Radon Test Results

### Area Radon Information

Source: USGS  
Telephone: 703-356-4020  
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

### EPA Radon Zones

Source: EPA  
Telephone: 703-356-4020  
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER


Airport Landing Facilities: Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

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Leicester Middle School  
70 Winslow Avenue  
Leicester, MA 01524

Inquiry Number: 5578369.3

March 04, 2019

## Certified Sanborn® Map Report



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Shelton, CT 06484  
Toll Free: 800.352.0050  
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# Certified Sanborn® Map Report

03/04/19

**Site Name:**

Leicester Middle School  
70 Winslow Avenue  
Leicester, MA 01524  
EDR Inquiry # 5578369.3

**Client Name:**

Fuss & O'Neill  
317 Iron Horse Way  
Providence, RI 02908  
Contact: Heidi Keller



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**Certified Sanborn Results:**

**Certification #** 32A6-49E5-A1CC  
**PO #** NA  
**Project** Leicester Middle School

**Maps Provided:**

1959  
1945  
1931  
1918  
1910  
1904



Sanborn® Library search results

Certification #: 32A6-49E5-A1CC

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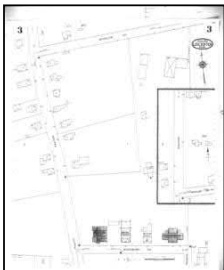
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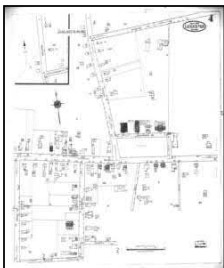
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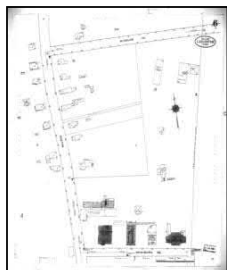
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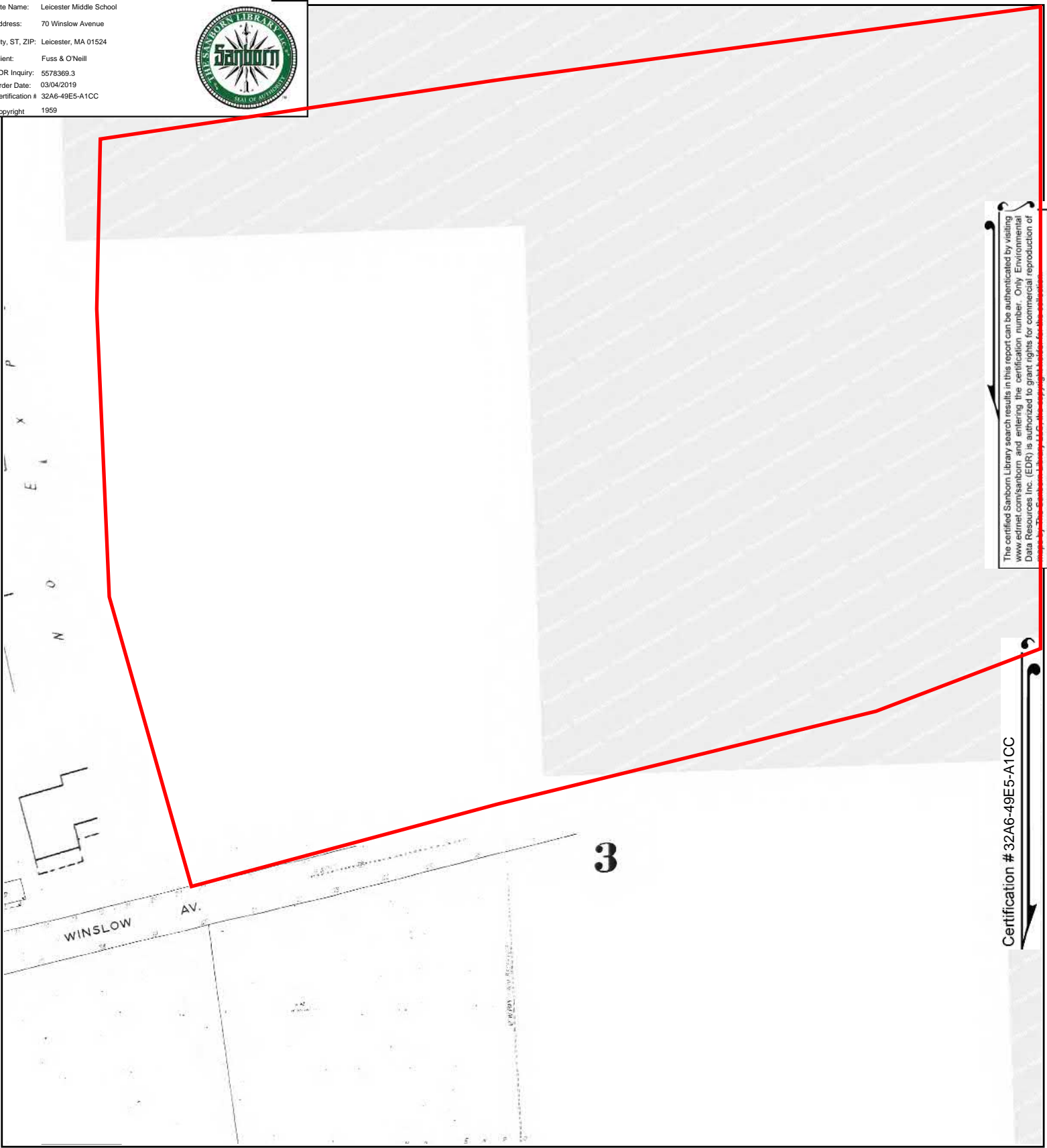
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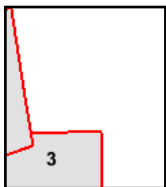
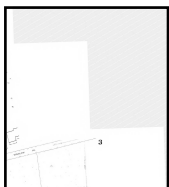
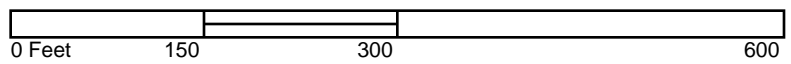
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 Address: 70 Winslow Avenue  
 City, ST, ZIP: Leicester, MA 01524  
 Client: Fuss & O'Neill  
 EDR Inquiry: 5578369.3  
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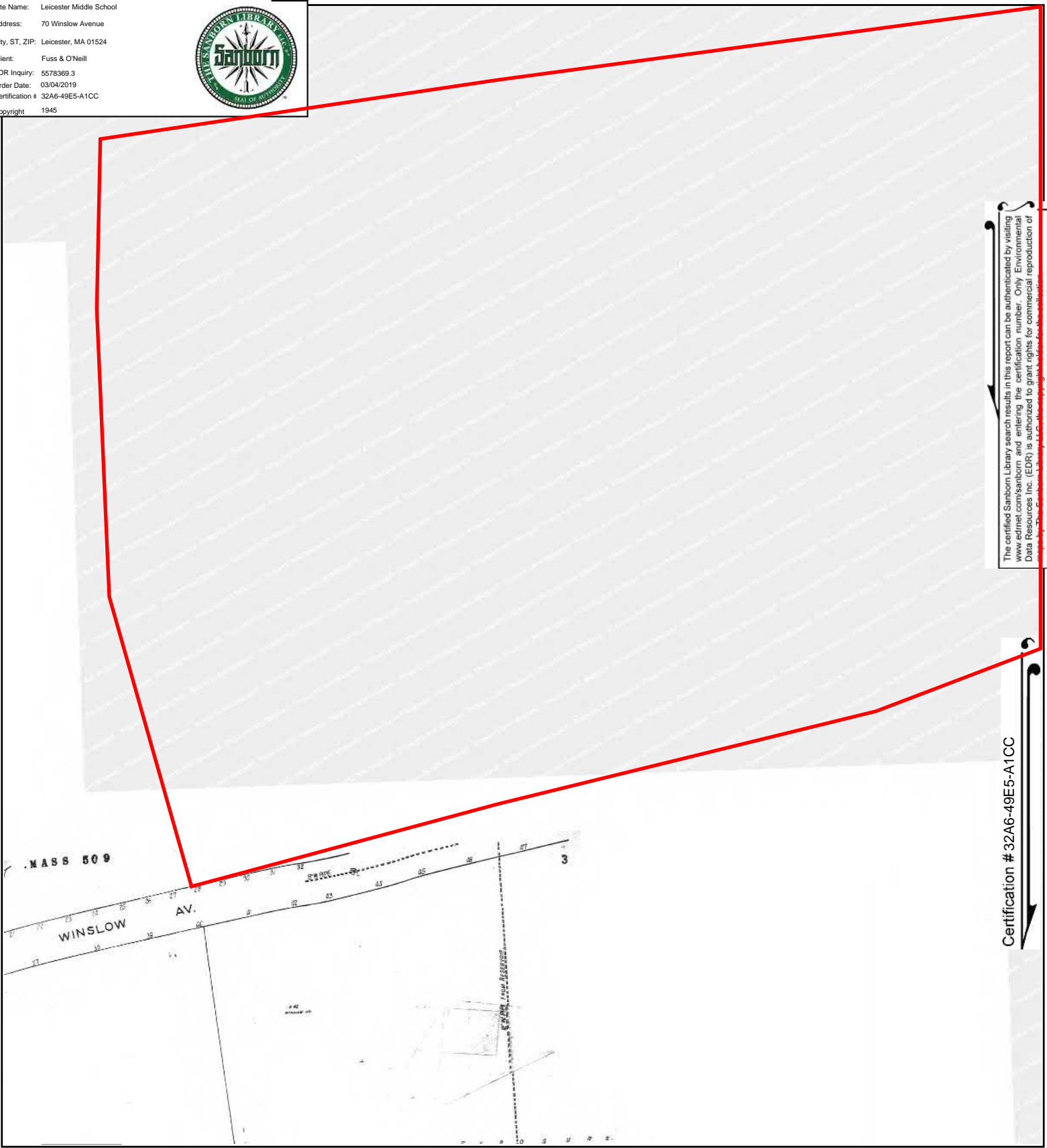
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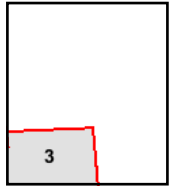
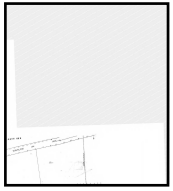
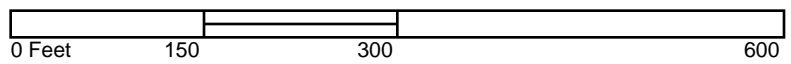
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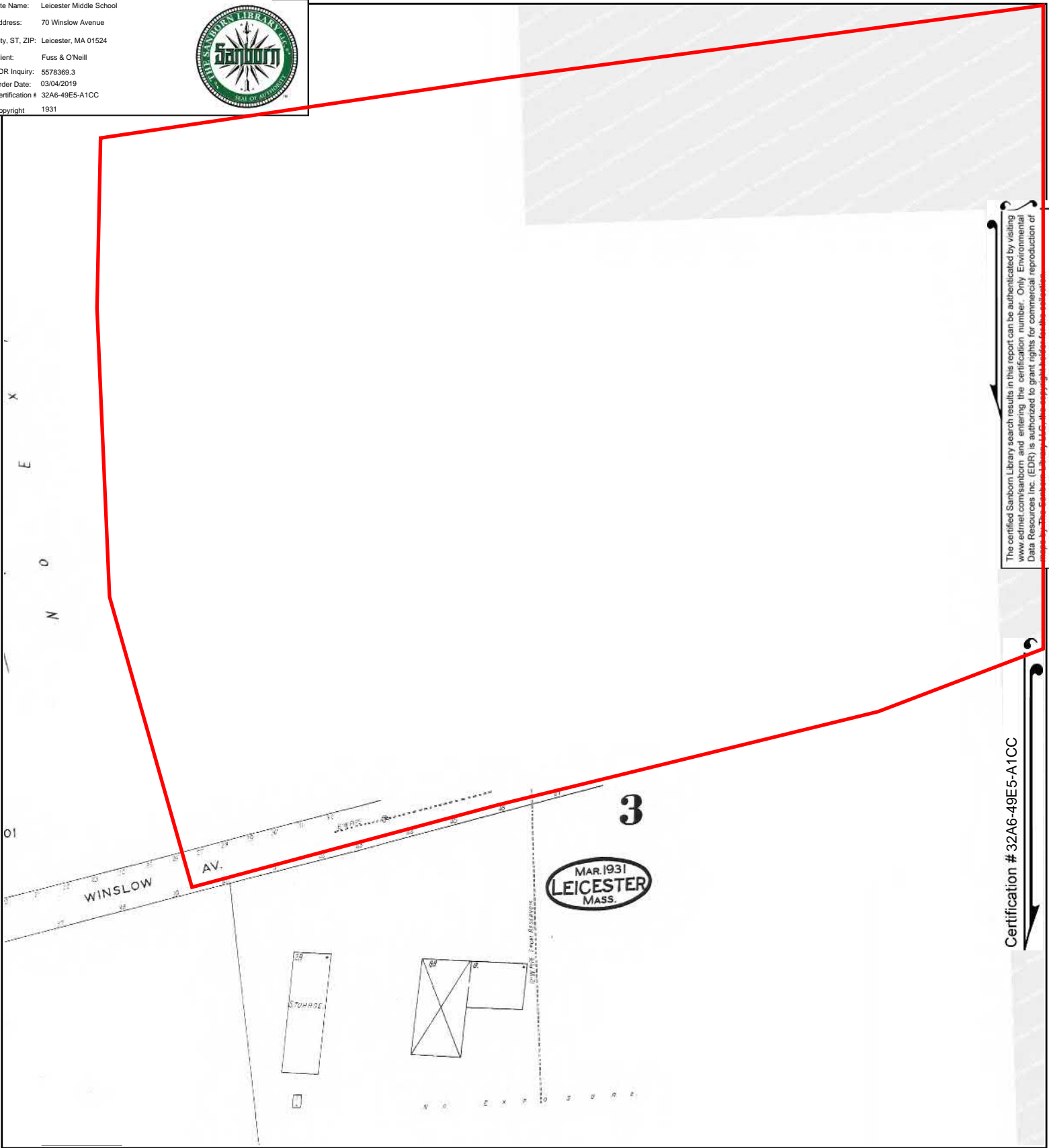
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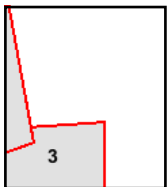
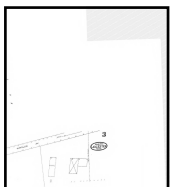
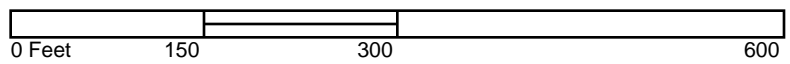
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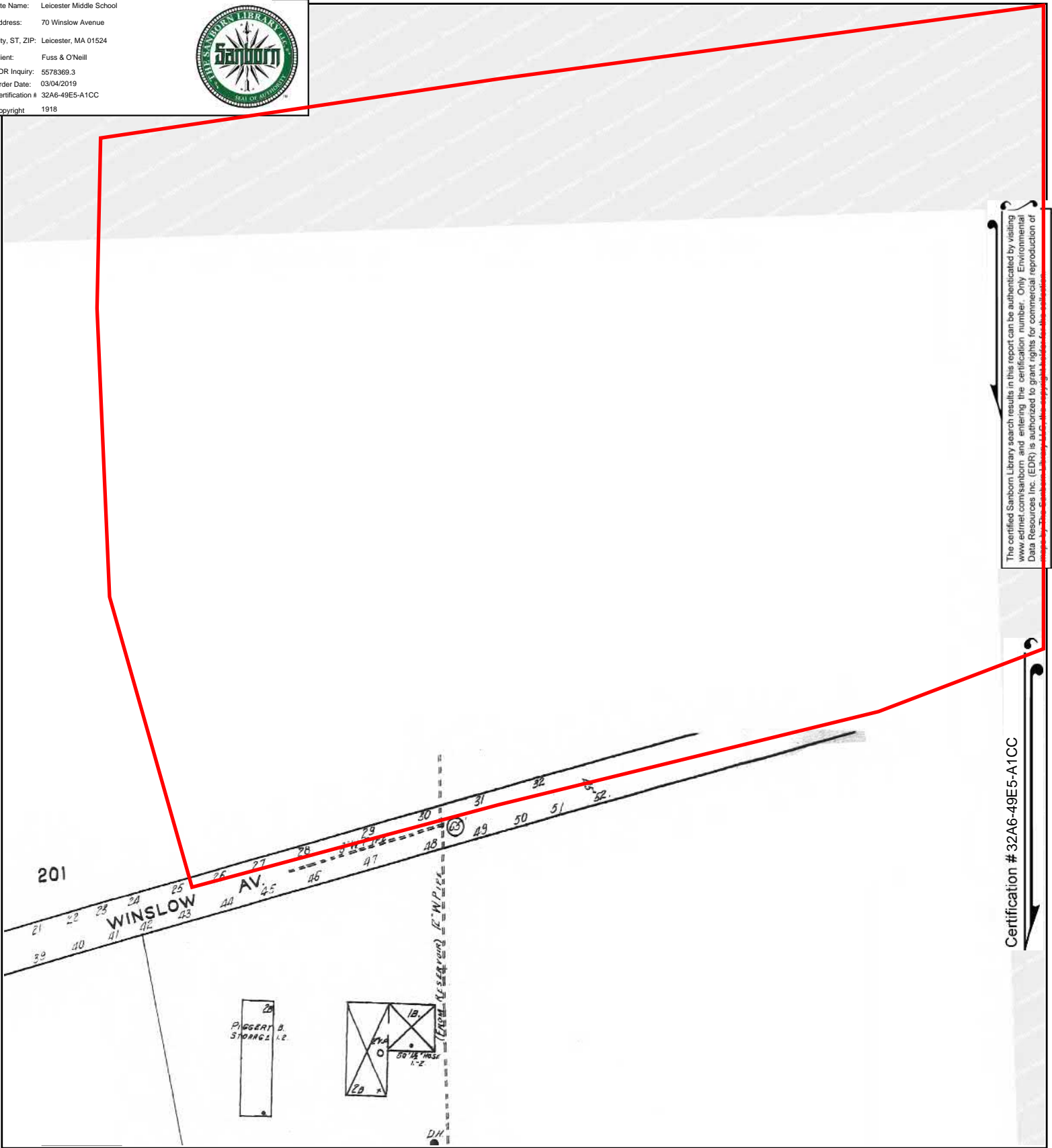
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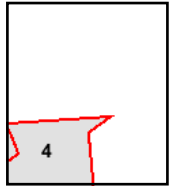
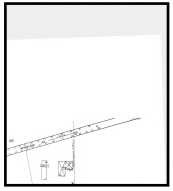
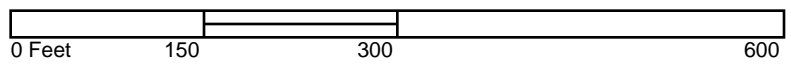
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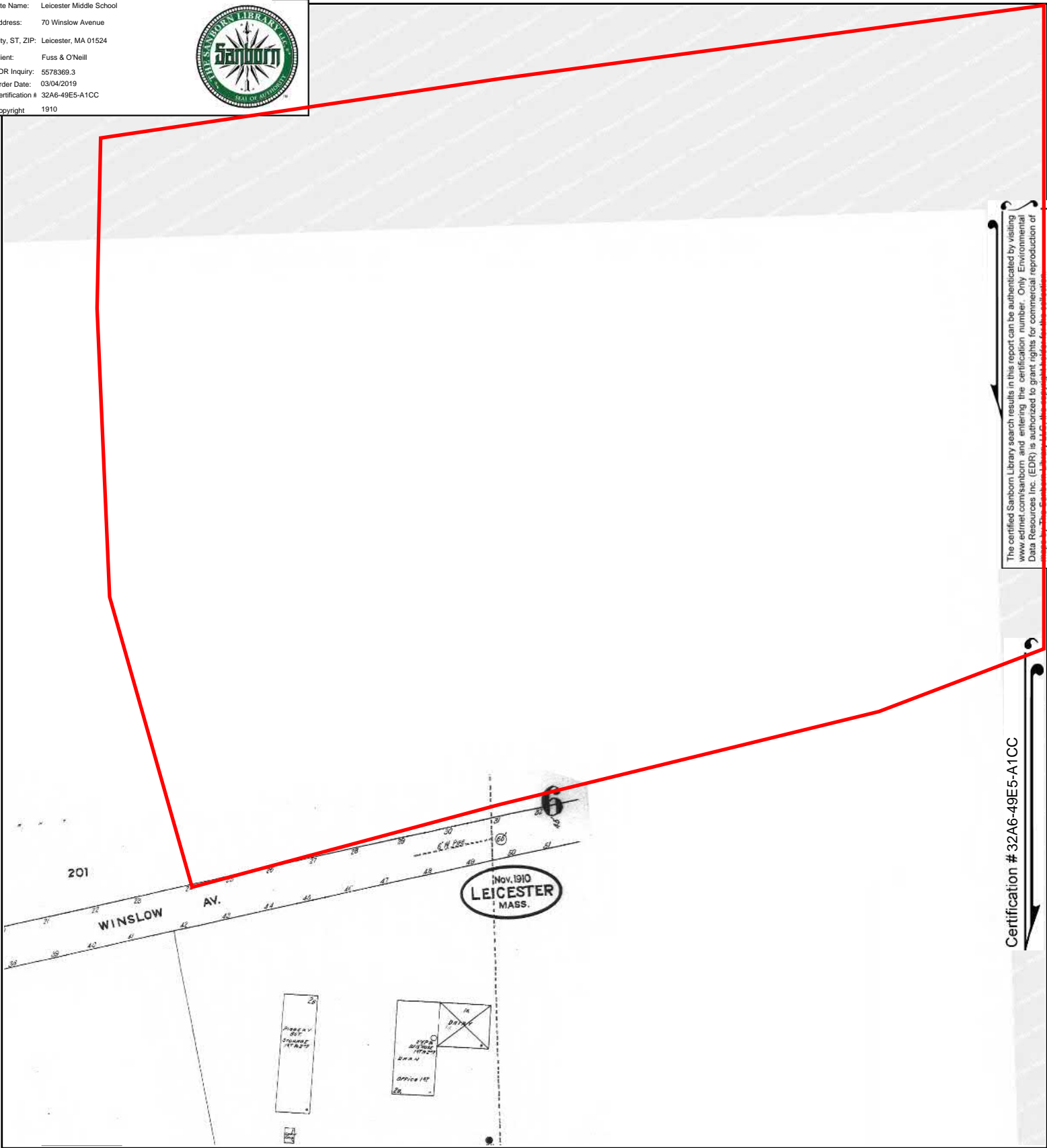
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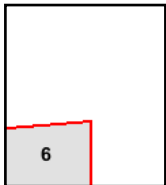
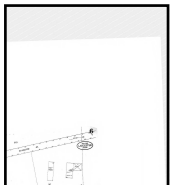
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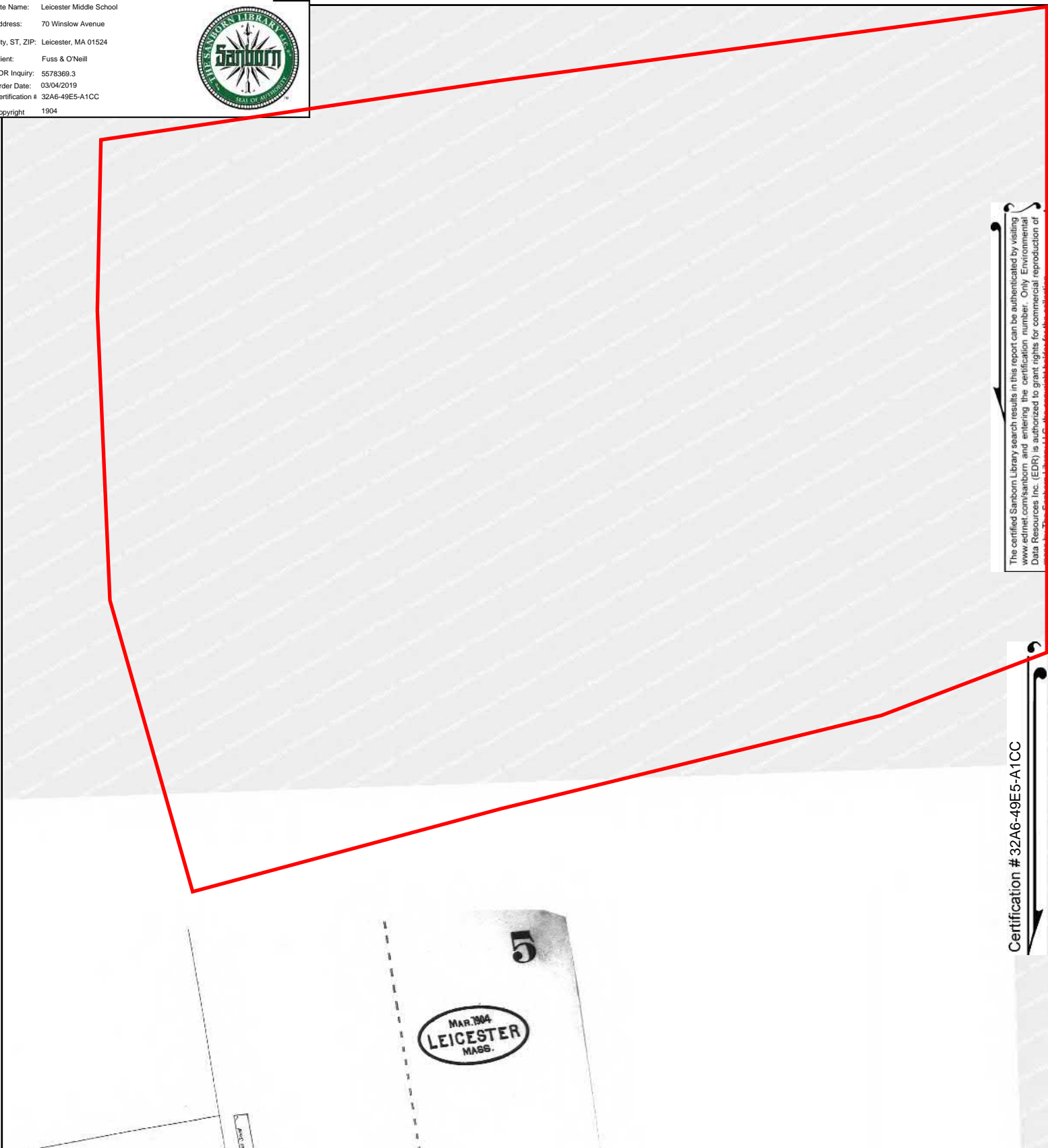
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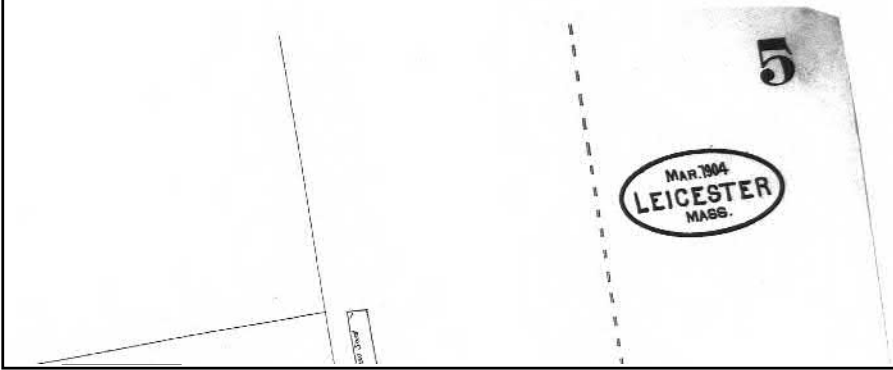


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 Address: 70 Winslow Avenue  
 City, ST, ZIP: Leicester, MA 01524  
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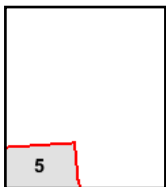
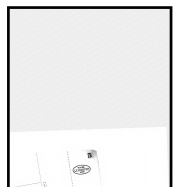
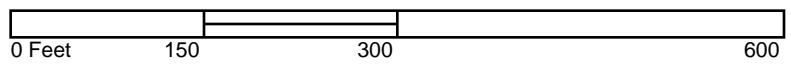


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Volume 1, Sheet 5



## Appendix E

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### MassDEP File Information



# Response Environmental, Inc.

October 16, 2009

MassDEP CERO BWSC  
627 Main Street  
Worcester, MA 01608

**Re: IRAC & A-2 RAO Submittal  
Release Tracking Number 2-17553  
#2 Fuel Oil Release  
174 Paxton Street, Leicester, MA**

*Via EDEP*

On behalf of Trans Spec Truck Services, Inc., of Millbury, MA, Response Environmental, Inc. (REI) respectfully submits the attached Immediate Response Action Completion Statement (IRAC) and A-2 Response Action Outcome Report (A-2 RAO) for the above-referenced incident.

As detailed in the report, the release was caused by an overfill of an 8,000-gallon underground storage tank (UST) at the site. Fuel oil was released from the fill port of the tank when the driver disconnected as a result of tank backpressure. The release affected soils and asphalt in the immediate area of the UST. Fuel oil migrated across the asphalt due to grading and rain at the time of the release, ultimately impacting a catchbasin which drains to a retention pond in another portion of the school complex.

Initial response actions recovered the majority of free product release and subsequent assessment activities delineated the soil and surface water impact areas. Excavation of impacted soil has resulted in post-excavation soil analytical results display achievement S-1 standards throughout the site. No detrimental effect to surface water quality has been observed and it has been concluded that a condition of No Significant Risk to human health as has been achieved at the site. Likewise, a Stage One Ecological Risk Assessment has confirmed that a condition of No Significant Risk to the ecological resource area as a result of the subject release.

If you have any questions or comments, please contact our office at (508) 795-0110.

Sincerely,



Jeffrey Curtis, LSP  
Project Manager

cc: Mr. William Howard  
Trans Spec Truck Services, Inc.  
7 Christo Lane  
Millbury, MA 01527  
(PDF via CD attachment)

Mr. Paul Soojian  
Leicester Public Schools  
1078 Main Street  
Leicester, MA 01524  
(PDF via CD attachment)

Mr. Paul McDonagh (via PDF)  
Independent Claims Service, Inc.  
22 Water Street  
Westborough, MA 01581

Leicester Conservation Commission  
3 Washburn Square  
Leicester, MA 01524  
(PDF via CD attachment)

REI Project File

**Immediate Response Action Completion  
Statement  
A-2 Response Action Outcome Report**

**Release Tracking Number 2-17553  
#2 Fuel Oil Release  
174 Paxton Street  
Leicester, MA**

**Prepared for:**  
Trans Spec Truck Services, Inc.  
7 Christo Lane  
Millbury, MA 01527

**Prepared by:**  
Response Environmental, Inc.  
7 Henry Street  
Worcester, MA 01604

October 16, 2009

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**Immediate Response Action Completion Statement**  
**A-2 Response Action Outcome Report**  
**Release Tracking Number 2-17553**  
**#2 Fuel Oil Release**  
**174 Paxton Street, Leicester, MA**

## **Description of the Release and Surrounding Receptors**

---

According to available information, on the morning of June 19, 2009, Trans Spec Truck Services, Inc. (Trans Spec) made a 500 gallon delivery to an underground storage tank (UST) at the Leicester High School (LHS), 174 Paxton Street, Leicester. Upon disconnecting from the fill port after the delivery was completed, #2 fuel oil back-flushed from the fill port and was released onto the surrounding grass and asphalt. No release from the vent line occurred. It was estimated that the released volume was approximately 50 gallons.

Fuel oil migrated across the asphalt parking/driveway area and impacted a nearby catchbasin. The stormwater discharge point for the basin was a retention pond in the southeastern portion of the education complex, adjacent to Leicester Middle School, 70 Winslow Street, Leicester. The site in entirety is further described on **Figure 2: Site Overview**.

The Leicester Fire Department responded to the site. MassDEP was notified of the release by LFD at approximately 12:30 p.m. Trans Spec Truck Services contacted Response Environmental, Inc. (REI) at approximately the same time.

The site is part of the Leicester public school compound. The overall surrounding area is suburban/rural, with residences, businesses, and municipal offices nearby. Potable water is provided through the municipal water supply. The location of the site is further described on **Figure 1: Site Locus**.

A review of on-line GIS data was initially conducted on August 12, 2009. Based on information available, the site is not located within a Potentially Productive Aquifer (Medium- or High-Yield) or a Non-Potentially Productive Aquifer (Medium- or High-Yield) and none are in proximity to the site. The point of release is located within both a IWPA and an Approved Zone II, but the retention pond (the discharge point of the catchbasin/stormwater line) is not. That point is located .2-mile southeast of the release point at the UST. The pond is 0.05-mile southeast of the IWPA boundary and 0.11-mile east of the Zone 2 boundary. Please note that the discharge of the retention pond leads directly into the intermittent stream associated with the Zone A located to the southeast across from Winslow Street. Please note that all measured distances in the following review are calculated from the UST release location, not the retention pond, unless otherwise noted.

There are four surface water supply areas in proximity of the site, all of which are designated as EPA Sole-Source Aquifers. They are 1.50 miles southeast, 0.79-mile east-northeast, 1.32 miles north, 1.12 -mile east-northeast of the site. Multiple Zone A boundaries are designated in the surrounding area, associated with both the reservoirs and intermittent streams; the closest are 0.28-mile southeast, 0.46-mile north, and 0.66-mile north-northwest of the site.

Apart from the reservoirs, Sargent Pond is located 0.28-mile southwest of the site, Waite Pond is located 0.71-mile east of the site, and a small un-named pond is located 0.61-mile southeast of the site. Multiple freshwater wetlands are in proximity to the site, with the closest being 0.15 -mile southwest, 0.31 -mile southwest, 0.36 -mile northwest, and 0.36 -mile northeast of the site. The entire site is within a Protected Open Space. A NHESP wetland habitat is located 0.43-mile to the southwest. The site is 1.68-mile southeast of a vernal pool. There are no Areas of Critical Environmental Concern (ACEC) in proximity to the site. A Certified Solid Waste Facility is located 0.51-mile to the northeast.

### ***Soil and Groundwater Standards Discussion***

For the purposes of preliminary comparison, Method 1 standards are utilized to streamline discussion. Groundwater at the site is categorized as GW-1 (drinking water source), GW-2 (groundwater within 15 feet of grade adjacent to an "occupied" structure) and GW-3 (all groundwater). GW-1 conditions are applicable at the site as it is within both a Zone II and an IWPA. GW-2 conditions are applicable for the area of the site at the UST itself, as it is within 30'

of the high school. GW-3 conditions are applicable as all groundwater in the Commonwealth of Massachusetts is considered to be GW-3.

According to 310 CMR 40.0933, soil category S-1 exists at a site between 0-3 feet if children could be present at the site and if frequency and intensity of their use could be high. Soil category S-2 exists at a site when soils are between 3 feet and 15 feet below grade and either but not both a child's frequency or intensity of use could be considered high. According to 310 CMR 40.0933, soils 15 feet below grade and/or deeper or are under the footprint of a building or permanent structure are considered isolated and soil category S-3 is applicable. As the site is a school, the excavation goal is achievement of the most conservative S-1 standard.

The release area at the UST is within both an IWPA and a Zone 2. Additionally, the soil areas affected by the release at the UST immediately above the UST are greater than 30' from the school building, which is considered to be an "occupied structure". REI projects that S-1/GW-1,3 will be used to characterize these soils. Affected soils on the inside curve of the asphalt driveway are within 30' of the school and are therefore classified as S-1/GW-1,2,3. REI projects that the S-1/GW-1,2,3 standards will be used to characterize Risk in soil in the UST area. The affected portion of the retention pond is beyond the IWPA and Zone 2 boundaries; however, the discharge of the retention pond flows directly into a Zone A, which provides drinking water for the subcommunities of Cherry Valley and Rochdale in Leicester. The pond is not within 30' of a structure. As water quality in the pond would have an immediate effect on the water quality in the Zone A, REI also uses comparison to S-1/GW-1,3.

### **Initial Notification and Immediate Response Action Plan & Approval(s)**

LFD notified MassDEP of the release at 12:30 p.m. on June 19, 2008. LFD applied absorbents to asphalt the surface area and placed absorbent pads and boom in the catchbasin and in access ways to the drain line prior to the discharge. The Leicester DPW spread sand to absorb fuel on the asphalt and paved surface of the school.

At the time of notification, MassDEP gave the following IRA Approval:

- Recovery of up to 5,000 gallons of impacted water and product

MassDEP inspected the site, at which time the following IRA Approvals were also granted:

- Contain & absorb
- Dispose of all generated wastes
- Assess

Remediation personnel and equipment had been mobilized by REI upon learning of the release. LHS personnel used top soil to create a berm around the catchbasin to mitigate additional impact to the stormwater system. A puddle of oil extracted from the parking area and driveway via vacuum truck. The vacuum truck was then relocated to the retention pond, where it was used to skim oil and sheen from the surface of the water. Boom and pad placed by the Leicester Fire Department contained oil to the area around the outfall.

Personnel used a bobcat with a sweeper attachment to recover the sand that had been applied to the area by Leicester DPW. Granular absorbents were then applied throughout the asphalt area and scrubbed into the pavement in order to remove any petroleum residue. Both the granular absorbents and the sand were consolidated into a 10 yard roll-off can that had been mobilized to the site.

The level of water in the retention pond was higher than that of the outfall, effectively trapping product in the discharge pipe. Multiple lengths of absorbent boom were inserted into the discharge pipe in order to absorb trapped free product. A length of boom was ultimately left in the discharge pipe upon the completion of activities that day. Absorbent boom was also strung across the narrow neck of the pond near the discharge pipe and the area between

the pipe and the boom covered in absorbent pads. Used absorbents were consolidated into drums, which were staged at the high school.

June 20, 2009

On June 20, 2009, remediation personnel constructed an oil/water separator and underflow dam at the narrow neck of the pond. It was constructed using bags of sand, 4" Sch-40 90° elbows, and non-perforated Sch-40 pipe. All absorbents that had been left overnight were inspected and changed out as needed. Used absorbents were consolidated into drums with the materials generated on June 19.

June 21 – June 24, 2009

Over the next several days, the area was inspected multiple times, during which time absorbents were changed out as needed. Multiple significant rain events prohibited more aggressive activities at the site. On June 23, 2009, in anticipation of soil excavation at the UST, REI obtained the following IRA approval from MassDEP:

- Excavate and properly dispose of up to 10 cubic yards of soil

On June 23, in conjunction with inspection and changing of the absorbents in the pond and along the drain line, REI collected a surface water sample from the pond, downgradient of the discharge pipe. This sample was subsequently submitted to a MassDEP certified laboratory for Extractable Petroleum Hydrocarbon (EPH) and Volatile Petroleum Hydrocarbon (VPH) analyses, accompanied by a Tripblank. Sampling and subsequent analyses were performed adhering to MassDEP CAM protocols for presumptive certainty. The results of these analyses are documented below in **Table One**; a copy of the laboratory report was provided in the Immediate Response Action Plan (IRAP), submitted on August 18, 2009.

**Table One**  
**Surface Water Sampling Event ~ June 23, 2009**

		6/23-H2O	Trip	MassDEP GW-1,3	DW (max conc.)	DW Guideline
VPH	C5-C8 Aliphatics	BRL	BRL	300(1)	NA	300
	C9-C12 Aliphatics	85.0	BRL	700(1)	NA	700
	C9-C10 Aromatics	52.0	BRL	200(1)	NA	200
	Naphthalene	12.5	BRL	140(1)	NA	140
	Toluene	5.9	BRL	1,000(1)	1,000	NA
	m,p-Xylene	11.2	BRL	5,000(3)	10,000	NA
	o-Xylene	7.6	BRL			
	All Other VPH Targets	All BRL	All BRL	Various	Various	Various
EPH	C9-C18 Aliphatics	BRL	NS	700(1)	NA	700
	C19-C36 Aliphatics	BRL		14,000(1)	NA	14,000
	C11-C22 Aromatics	BRL		200(1)	NA	200
	EPH Target Analytes	All BRL		Various	0.2 for Benzo(a)pyrene	Various

All EPH/VPH Values & Standards in Micrograms per Liter (µg/L, ppb)  
 BRL = Below Reporting Limits

As documented above in **Table One**, trace detections were observed in the VPH analysis of the sample. No EPH detections were observed. These detections were significantly below the MassDEP GW-1,3 standard, included for comparison. Because the flow from the pond eventually leads to a surface drinking water source area, the Maximum DW Concentrations and the DW Guideline Concentrations are presented. Based on the data above, the water quality in the pond appeared not to be a risk to drinking water quality. A copy of the results was provided to the Cherry Valley & Rochdale Water District.

June 25, 2009

On June 25, 2009, REI excavated the soil areas affected at the LHS, at and near the UST. The primary excavation area was directly above the UST, but an ancillary area at the curve of the asphalt adjacent to the building was excavated, as well. These excavation areas are further described on **Figure 3: UST Excavation**.

Material was excavated using a mini-excavator and consolidated into a roll-off can. During excavation, soil was continually screened using visual, olfactory, and/or photoionization detection methods. Upon completion of excavation activity, no further evidence of petroleum impact was observed. Several representative samples were submitted to a MassDEP certified laboratory for EPH and VPH analyses. Sampling and subsequent analyses were performed adhering to MassDEP CAM protocols for presumptive certainty. Please note that the ancillary excavation at the curve of the asphalt driveway was within 30' of the school building (confirmatory sample 6/25-B) and is therefore compared to S-1/GW-1,2,3 standards; the primary tank excavation (confirmatory samples 6/25-A, 6/25-C through F) was greater than 30' from the school building and is compared to S-1/GW-1,3. The excavation areas are further described on **Figure 3: UST Excavation**. The results of these analyses are documented below in **Table Two-A & B**; a copy of the laboratory report was provided in the IRAP, submitted on August 18, 2009.

**Table Two-A**  
**Post-Excavation Sampling Event ~ June 25, 2009**

		6/25-B	MassDEP S-1/GW-1,2,3
	<i>PID Reading</i>	0.0	N/A
EPH	C9-C18 Aliphatics	BRL	1,000
	C19-C36 Aliphatics	BRL	3,000
	C11-C22 Aromatics	BRL	1,000
	All EPH Targets	All BRL	Various
VPH	C5-C8 Aliphatics	BRL	100
	C9-C12 Aliphatics	BRL	1,000
	C9-C10 Aromatics	BRL	100
	All VPH Targets	All BRL	Various

EPH/VPH Values & Standards in Milligrams per Kilogram (mg/Kg, ppm)  
 Lowest Value Represented by (#) If no Designation GW-1/2/3 Are Same Value  
 PID Values in ppmv as Isobutylene BRL = Below Reporting Limits

**Table Two-B**  
**Post-Excavation Sampling Event ~ June 25, 2009**

		6/25-A	6/25-C	6/25-D	6/25-E	6/25-F	MassDEP S-1/GW-1,3
	<i>PID Reading</i>	0.0	0.0	0.0	0.0	1.4	N/A
EPH	C9-C18 Aliphatics	BRL	BRL	BRL	BRL	BRL	1,000
	C19-C36 Aliphatics	BRL	BRL	BRL	BRL	BRL	3,000
	C11-C22 Aromatics	BRL	BRL	36.8	BRL	BRL	1,000
	Phenanthrene	BRL	BRL	2.5	BRL	BRL	10(1)
	Anthracene	BRL	BRL	0.763	BRL	BRL	1,000
	Fluoranthene	BRL	BRL	2.16	BRL	BRL	1,000
	Pyrene	BRL	BRL	1.82	BRL	BRL	1,000
	Benzo(a)anthracene	BRL	BRL	0.838	BRL	BRL	7
	Chrysene	BRL	BRL	0.902	BRL	BRL	70
	Benzo(b)fluoranthene	BRL	BRL	0.597	BRL	BRL	7
	Benzo(k)fluoranthene	BRL	BRL	0.524	BRL	BRL	70
	Benzo(a)pyrene	BRL	BRL	0.68	BRL	BRL	2
	Benzo(g,h,i)perylene	BRL	BRL	0.41	BRL	BRL	1,000
All Other EPH Targets	All BRL	All BRL	All BRL	All BRL	All BRL	Various	
VPH	C5-C8 Aliphatics	BRL	BRL	BRL	BRL	BRL	100
	C9-C12 Aliphatics	BRL	BRL	BRL	BRL	0.486	1,000
	C9-C10 Aromatics	BRL	BRL	BRL	BRL	0.0624	100
	All VPH Targets	All BRL	All BRL	All BRL	All BRL	All BRL	Various

EPH/VPH Values & Standards in Milligrams per Kilogram (mg/Kg, ppm)  
 Lowest Value Represented by (#) If no Designation GW-1/2/3 Are Same Value  
 PID Values in ppmv as Isobutylene BRL = Below Reporting Limits

As documented above in **Table Two-A & B**, four of the six samples resulted in no detections above the laboratory reporting limit. Only two samples (both from the excavation above the UST) resulted in detections, which were

significantly below the applicable S-1/GW-1,2,3 standards for that area. As such, no further excavation was required in the areas profiled by these samples.

Please note that due to testing of the tank by other involved parties, the excavation area(s) were not backfilled upon receipt of the analytical data. The excavation would remain open until the UST was tested and the resulting data reviewed. Once the UST testing was completed, the excavation was backfilled. REI has not been apprised of the UST testing results other than no leakage was observed.

In conjunction with the excavation activity, REI snaked a rope through the drain pipe from the last manhole to the outfall at the pond. A length of absorbent boom was attached to the rope and pulled through the pipe. Approximately 2 gallons of oil and 6 absorbent pads were initially recovered from the pipe. After multiple passes through the pipe with boom, no additional petroleum residue or staining was observed on the boom. Emulsified oil that had been pulled from the pipe remained on the water surface and pads were left in place for contact absorption over night. Used boom and pad were consolidated into the drums.

June 26 – August 5, 2009

Between June 26 and August 5, 2009, activity at the site consisted of monitoring conditions and changing absorbents. Used absorbents were consolidated in drums pending disposal.

On July 8, REI obtained the following IRA approval in anticipation of soil removal around the retention pond as weather forecasts indicated clearing to limited precipitation:

- Excavation and proper disposal of an additional 40 cubic yards of soil (aggregate total of 50 cubic yards)

August 6 & 7, 2009

On August 6, 2009, REI performed excavation of impacted soil around the back of the pond. This was done using a vactor, which off-loaded into a roll-off container staged at the site. Soil was scraped back from the back approximately 6" in order to remove any soil that had been exposed to direct contact. Note that the pond has continuously contained water. Likewise, a broader flat area that had been used for staging at the base of the slope leading to the pond itself was excavated to depths ranging between 6" to 12" below pre-existing surface grade. During excavation, soil was continually screened using visual, olfactory, and/or photoionization detection methods. Upon completion of excavation activity, no further evidence of petroleum impact was observed.

Five representative samples were collected and subsequently submitted to a MassDEP certified laboratory for EPH and VPH analyses. The locations of the samples are further described on **Figure 4: Pond Excavation**. Sampling and subsequent analyses were performed adhering to MassDEP CAM protocols for presumptive certainty. The results of these analyses are documented below in **Table Three**; a copy of the laboratory report was provided in the IRAP, submitted on August 18, 2009.

**Table Three**  
**Post-Excavation Sampling Event ~ August 7, 2009**

		S-1	S-2	S-3	S-4	S-5	MassDEP S-1/GW-1,3
VPH	C5-C8 Aliphatics	BRL	BRL	BRL	BRL	BRL	100
	C9-C12 Aliphatics	BRL	BRL	BRL	BRL	BRL	1,000
	C9-C10 Aromatics	BRL	BRL	BRL	BRL	BRL	100
	All VPH Targets	All BRL	All BRL	All BRL	All BRL	All BRL	Various
EPH	C9-C18 Aliphatics	BRL	BRL	BRL	BRL	BRL	1,000
	C19-C36 Aliphatics	BRL	BRL	BRL	BRL	BRL	3,000
	C11-C22 Aromatics	BRL	BRL	BRL	BRL	BRL	1,000
	All EPH Targets	All BRL	All BRL	All BRL	All BRL	All BRL	Various

EPH/VPH Values & Standards in Milligrams per Kilogram (mg/Kg, ppm)  
 Lowest Value Represented by (#) If no Designation GW-1/2/3 Are Same Value  
 PID Values ppmv as Isobutylene BRL = Below Reporting Limits

As documented above, no EPH or VPH detections were observed in any of the five samples. As such, no further excavation was required in the areas profiled by these samples in order to remediate the release based on risk to human health.

In addition to the EPH and VPH analyses performed, the five samples referenced in **Table Three** were also analyzed for 8270-SIMS as appropriate in order to characterize the potential risk to freshwater ecosystems resulting from the subject release. The results of these analyses are documented below in **Table Four**.

**Table Four**  
**8270-SIMS Analyses ~ August 7, 2009 Sampling**

		S-1	S-2	S-3	S-4	S-5	TEC †
8270-SIMS	Fluoranthene	BRL	305	BRL	BRL	BRL	<b>423</b>
	Pyrene	BRL	268	BRL	BRL	BRL	<b>195</b>
	All Other Target Analytes	All BRL	All BRL	All BRL	All BRL	All BRL	<b>Various</b>

8270-SIMS Values and Standards represented in Micrograms per Kilogram (µg/Kg, ppb)

† = Sediment quality guidelines for metals in freshwater ecosystems that reflect Threshold Effects Concentrations

(TECs, i.e., concentrations below which harmful effects are unlikely to be observed)

BRL = Below Reporting Limits

As documented above in **Table Four**, no detections above the Laboratory Reporting Limit were observed in four of the five samples. Sample S-2 resulted in a Fluoranthene detection below the published Threshold Effect Concentration. The reported detection of Pyrene in the S-2 sample was above the Threshold Effect Concentration. However, generally only Naphthalene, 2-Methylnaphthalene, Acenaphthene and Phenanthrene are associated with virgin #2 fuel oil such releases. As none of these compounds were observed in the S-2 sample, it was determined that the Pyrene detection could be a result of the stormwater discharge to the pond from the high school and the middle school asphalt paved parking/driveway areas and be representative of local conditions. Additional assessment of this condition would occur.

September 17, 2009

On September 17, 2009, REI accompanied EcoTec, Inc., of Worcester, MA, in order to further profile the soils associated with the pond area and gather field data for a Stage I Environmental Risk Screening. REI collected a surface water sample from the pond at that time. This sample was subsequently submitted to a MassDEP certified laboratory for EPH and VPH analyses, accompanied by a Tripblank. Sampling and subsequent analyses were performed adhering to MassDEP CAM protocols for presumptive certainty. The results of these analyses are documented below in **Table Five** and a copy of the laboratory report is included in **Attachment One: Analytical Data**.

**Table Five**  
**Surface Water Sampling Event ~ September 17, 2009**

		9/17-H2O	MassDEP GW-1,3	DW (max conc.)	DW Guideline
VPH	C5-C8 Aliphatics	BRL	<b>300(1)</b>	NA	<b>300</b>
	C9-C12 Aliphatics	BRL	<b>700(1)</b>	NA	<b>700</b>
	C9-C10 Aromatics	BRL	<b>200(1)</b>	NA	<b>200</b>
	All Other VPH Targets	All BRL	<b>Various</b>	<b>Various</b>	<b>Various</b>
EPH	C9-C18 Aliphatics	BRL	<b>700(1)</b>	NA	<b>700</b>
	C19-C36 Aliphatics	BRL	<b>14,000(1)</b>	NA	<b>14,000</b>
	C11-C22 Aromatics	BRL	<b>200(1)</b>	NA	<b>200</b>
	EPH Target Analytes	All BRL	<b>Various</b>	<i>0.2 for Benzo(a)pyrene</i>	<b>Various</b>

All EPH/VPH Values & Standards in Micrograms per Liter (µg/L, ppb)

BRL = Below Reporting Limits

As documented above in **Table Five**, no detections were observed in the 9/17-H2O surface water sample. This was an improvement over the prior sampling of June 23. Additionally, these results document that no persistent negative effect to the water quality in the pond resulted from the release and that any affect that had previously been noted had resolved.

Four soil samples were collected from the pond area, largely downgradient of the discharge of the pond. These samples were submitted to a MassDEP certified laboratory for 8270-SIMS and Total Organic Carbon (TOC) in order to further characterize the potential risk to freshwater ecosystems resulting from the subject release and to better define the limits of PAHs detected in the prior S-2 sample, collected on August 7. The location of these samples is further described on **Figure 4: Pond Excavation**. The results of these analyses are documented below in **Table Six**. A copy of the laboratory report is included in **Attachment One: Analytical Data**.

**Table Six**  
**8270-SIMS Assessment Sampling Event ~ September 17, 2009**

		9/17-A	9/17-B	9/17-C	9/17-D	TEC †
8270-SIMS	Fluoranthene	BDL	BDL	BDL	101*	423
	All Target Analytes	All BDL	All BDL	All BDL	All BDL	Various

8270-SIMS Values and Standards represented in Micrograms per Kilogram ( $\mu\text{g}/\text{Kg}$ , ppb)

† = Sediment quality guidelines for metals in freshwater ecosystems that reflect Threshold Effects Concentrations (TECs, i.e., concentrations below which harmful effects are unlikely to be observed)

\* = Estimated Concentration Below the Reporting Limit but above Detection Limit

BDL = Below Detection Limits

As detailed in **Table Six**, no detections were observed in the samples analyzed for 8270-SIMS above the laboratory reporting limit or approaching/above the TEC guidance values. One sample, 9/17-D resulted in an estimated detection above the laboratory detection limit but below the reporting limit. This detection, however, did not approach or exceed any applicable MassDEP standard or guidance value. Further discussion of these samples is provided in the Stage One Environmental Risk Screening performed and compiled by EcoTec, Inc. That report is provided in **Attachment Two** of this report.

#### September 25, 2009

On September 25, REI a robotic video survey was conducted of the discharge line leading from the catchbasin to the retention pond. The purpose of this survey was to confirm that there were no breaks in the line which could have resulted in subsurface impact. The video survey did reveal that two other upgradient lines tied in to the discharge line which then carried stormwater from the three sources to the retention pond. REI investigated this with the assistance of Leicester School Department personnel and was able to confirm that the two line were upgradient and could not have resulted in discharge of oil and water at the time of and subsequent to the release to other areas. As such, no additional excavation was required.

With the completion of the robotic pipe survey, no issues remained outstanding relative to the subject release.

### **Management of Remediation Waste**

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The following summarizes remediation waste generated from the IRA to date:

- ◆ Bulked sand and granular absorbents and soil generated through excavation of the UST area resulted in the generation 17.48 tons (11.65 cubic yards) of material. This was transported under MassDEP Bill of Lading (BOL) to Aggregate Industries, Shrewsbury, MA.

6.35 tons (approximately 4 cubic yards of soil) were excavated from the area at the retention pond via soil vactor. This material was off-loaded into a roll-off container at the site pending transport under the MassDEP BOL referenced above. Due to the wet nature of the material, REI conferred with Aggregate Industries (the disposal facility) and was instructed to use cement in order to solidify the material prior to transport. This roll-off container was subsequently transported under the MassBOL.

The BOL was subsequently finalized and submitted to MassDEP via certified mail on September 24, 2009, within 30 days of finalization as required. A copy of the BOL is included as **Attachment Three: Disposal Documentation** of this report

- ◆ 1,911 gallons of oily water were recovered through skimming operations on June 19, 2009. This liquid was transported to Cyn Oil Corporation, Stoughton, MA under Uniform Hazardous Waste Manifest for disposal. A copy of the manifest was provided in the IRAP, submitted on August 18, 2009.
- ◆ Twelve drums of used absorbents were generated throughout the activities at the site. These drums were transported from the site on August 7, 2009, under Uniform Hazardous Waste Manifest to EQ – Detroit, Inc., Detroit, MI, for disposal. A copy of the manifest is provided in **Attachment Three: Disposal Documentation**.

## **Imminent Hazard, Critical Exposure Pathway (CEP), and Substantial Release Migration Evaluation**

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### **Imminent Hazard Evaluation (IH)**

An Imminent Hazard is defined as a hazard which would pose a significant risk of harm to health, safety, public welfare, or the environment if it were present for even a short period of time. Conditions potentially indicating an Imminent Hazard include: the presence of vapors within buildings, structures, or underground utility conduits at a concentration equal to or greater than 10% of the Lower Explosive Limit; reactive or explosive hazardous material which threatens human health or safety; a release to a roadway that endangers public safety; immediate or acute adverse impacts to freshwater or saltwater fish populations; or a release to the environment which produces readily apparent effects to human health, including respiratory distress or dermal irritation. Conditions which could pose an Imminent Hazard to human health include: measurement of oil and/or hazardous material in a private drinking water supply well at a concentration equal to or greater than ten times the applicable Reportable Concentration; or the measurement of concentrations of Arsenic, Cadmium, Chromium, Cyanide, Mercury, Methyl Mercury or PCBs equal to or greater than specified concentrations in surficial soil, within 500 feet of a residential dwelling, school, playground, recreation area or park, unless access by children is controlled or prevented.

Based on the characteristics of #2 fuel oil and the conditions of the subject release, an Imminent Hazard condition has not been found to exist at the site since implementation of the initial response actions.

### **Critical Exposure Pathway (CEP)**

A Critical Exposure Pathway (CEP) is defined as those routes in which oil and/or hazardous material released are transported, or are likely to be transported, to human receptors via vapor emissions into the living or working space of a pre-school, daycare, school or occupied residence; or ingestion, dermal absorption or inhalation from drinking water supply wells servicing a pre-school, daycare, school or occupied residence. The release was to the exterior of the school building, therefore indoor air not a CEP. Potable water for the site and the surrounding area is provided by municipal water supply; although the site is located within a GW-1 area, potable water withdrawal wells are no proximate to the site. Likewise, water quality in downgradient surface water withdrawal wells are not at greater risk than surface water directly affected by the release, which has been shown through analytical reports to have not been adversely affected.

The indoor air quality of the high school was assessed using a Rae Systems ppbRae Hygiene Monitor the night of the release and no elevated readings were observed. As such, it is reasonable to believe that air quality was not impacted subsequent to removal of product around the school.

### **Substantial Release Migration (SRM)**

A condition of Substantial Release Migration means a condition at a disposal site that includes any of the following: the discharge of separate-phase oil and/or hazardous material to surface waters, subsurface structures, or underground utilities or conduits; releases to the ground surface or to the vadose zone that, if not promptly removed or contained, are likely to significantly impact the underlying groundwater or to significantly exacerbate an existing condition of groundwater pollution; releases to the groundwater that have migrated or are expected to migrate more than 200 feet per year; releases to the groundwater that have been or are within one year likely to be detected in a public or private water supply well; releases to the groundwater that have been or are within one year likely to be detected in a surface water body, wetland, or public water supply reservoir; or releases to the groundwater that have resulted or are within one year likely to result in the discharge of vapors into school buildings or occupied residential dwellings.



No SRM conditions have been observed at the subject site since implementation of the initial response actions. With the completion of IRA activities, it is unlikely that an SRM condition would develop in the future.

## **Required Approvals and Permits**

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Obtained:

- MassDEP IRA Approvals
- Town of Leicester Conservation Commission Emergency Certification (copy in the IRAP submitted on August 18, 2009)

## **Statement on the Findings and Conclusions of the IRA**

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The approved IRA conducted at the site is complete and has been performed in accordance with the rules and regulations stipulated within 310 CMR 40.0000. Upon completion of the excavation of fuel oil impacted soil, subsequent backfilling and restoration of the area, and groundwater assessment via the basement sumps, all Site conditions have been stabilized relative to the subject release, pursuant to 310 CMR 40.0446. No Imminent Hazard conditions were present at the Site relative to the subject release.

## **Risk Characterization**

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### **Identification of Risk Characterization Type**

Based on the results of this investigation, a Method 1 Risk Characterization will be used to characterize risk at the site, pursuant to 310 CMR 0971(1), which states "Method 1 may be used to characterize the risk of harm to health, public welfare and the environment at disposal sites where assessments conducted in accordance with 310 CMR 40.0000 have determined that the presence of oil and/or hazardous material is limited to soil and/or groundwater."

In accordance with 310 CMR 40.0942(1)(a through c), a Method 1 Risk Characterization is allowable if

- Standards have been promulgated for all relative oil or hazardous material compounds relative to the release
- Residual concentrations of subject compounds have been demonstrated not to be likely to migrate in significant concentrations to mediums other than soil and/or groundwater
- Environmental receptors have not been found to exist at the site and no subject compounds are known to bioaccumulate within two feet of ground surface.

310 CRM 40.0942(1)(d) states:

"If one or more Volatile Organic Compounds is present in vadose zone soil adjacent to an occupied structure (e.g., within six feet, measured horizontally from the wall or the structure, and within ten feet, measured vertically from the basement floor or foundation slab) then the soil has the potential to result in significant indoor air concentrations of OHM and Method 1 alone cannot be used to characterize the risk at the disposal site. The following options are available:

1. The MCP Method 1 standards may be used in combination with a demonstration that the soil concentrations of Oil and Hazardous Material are not likely to be a significant contributor to the Cumulative Receptor Risk at the site by the indoor air exposure pathway. Such a demonstration may be based on measured or modeled concentrations in soil gas or indoor air.

As referenced in this report, indoor air observations at Leicester High School on the evening of the release via Rae Systems ppbRAE hygiene monitor calibrated to an Isobutylene standard showed no derivation from background levels. Therefore, with the completion of IRA activities any potential residual soil VOC concentrations would not

present a significant contributor to the Cumulative Receptor Risk at the site by the indoor air exposure pathway. A Method One Risk Characterization is allowable for this site.

### **Determination of Applicable Risk Characterization Methods**

Pursuant to 310 CMR 40.0970 and 40.0980, a Method 1 Risk Characterization will be utilized to characterize the risk at the Site relative to the subject petroleum release.

Based on the results of this investigation and the reasonably foreseeable site activities and uses, Method 1 Risk Characterization Standards will be used to characterize risk of harm to health, public welfare, and the environment relative to the exposure point concentrations for soil and groundwater at the site. Pursuant to 310 CMR 40.0971, "Method 1 may be used to characterize the risk of harm to health, public welfare and the environment at disposal sites where assessments conducted in accordance with 310 CMR 40.0000 have determined that the presence of oil and/or hazardous material is limited to soil and/or groundwater".

### **Identification of Potential Human and Environmental Receptors**

The site is part of the Leicester public school compound. The overall surrounding area is suburban/rural, with residences, businesses, and municipal offices nearby. Potable water is provided through the municipal water supply.

A review of on-line GIS data was conducted on August 12, 2009. Based on information available, the site is not located within a Potentially Productive Aquifer (Medium- or High-Yield) or a Non-Potentially Productive Aquifer (Medium- or High-Yield) and none are in proximity to the site. The point of release is located within both a IWPA and an Approved Zone II, but the retention pond (the discharge point of the catchbasin/stormwater line) is not. That point is located .2-mile southeast of the release point at the UST. The pond is 0.05-mile southeast of the IWPA boundary and 0.11-mile east of the Zone 2 boundary. Please note that the discharge of the retention pond leads directly into the intermittent stream associated with the Zone A located to the southeast across from Winslow Street. Please note that all measured distances in the following review are calculated from the UST release location, not the retention pond, unless otherwise noted.

There are four surface water supply areas in proximity of the site, all of which are designated as EPA Sole-Source Aquifers. They are 1.50 miles southeast, 0.79-mile east-northeast, 1.32 miles north, 1.12 -mile east-northeast of the site. Multiple Zone A boundaries are designated in the surrounding area, associated with both the reservoirs and intermittent streams; the closest are 0.28-mile southeast, 0.46-mile north, and 0.66-mile north-northwest of the site.

Apart from the reservoirs, Sargent Pond is located 0.28-mile southwest of the site, Waite Pond is located 0.71-mile east of the site, and a small un-named pond is located 0.61-mile southeast of the site. Multiple freshwater wetlands are in proximity to the site, with the closest being 0.15 -mile southwest, 0.31 -mile southwest, 0.36 -mile northwest, and 0.36 -mile northeast of the site. The entire site is within a Protected Open Space. A NHESP wetland habitat is located 0.43-mile to the southwest. The site is 1.68-mile southeast of a vernal pool. There are no Areas of Critical Environmental Concern (ACEC) in proximity to the site. A Certified Solid Waste Facility is located 0.51-mile to the northeast.

Potential human receptors at the site are assumed to include:

- Students attending the Leicester Public Schools
- Faculty and staff of the Leicester Public Schools
- Personnel involved in Site Assessment and Remediation activities
- Site visitors
- Trespassers

Potential off-site human receptors are assumed to include:

- Utility repair and installation personnel involved with work downgradient of the site

- Personnel involved with other construction activities downgradient of the site
- Occupants of residential properties downgradient of the site

### **Identification of Current and Future Site Activities and Uses**

The site itself is a school and abutting properties are primarily residential. Based on the site location, current site activities, and local zoning constraints, reasonably foreseeable future site activities and uses are expected to either remain the same or be similar in nature. Therefore, it is assumed that any future activities would not result in exposures to human and/or environmental receptors that are greater than the exposures associated with current site activities and uses.

### **Identification of Exposure Points and Pathways**

#### Soil

Based upon the requirements of 310 CMR 40.0933, REI has evaluated applicable soil classifications for the Site. The results of this evaluation per category are discussed below. According to 310 CMR 40.0933, soil category S-1 exists at a site between 0-3 feet if children could be present at the site and if frequency and intensity of their use could be high. Soil category S-2 exists at a site when soils are between 3 feet and 15 feet below grade and either but not both a child's frequency or intensity of use could be considered high. According to 310 CMR 40.0933, soils 15 feet below grade and/or deeper or are under the footprint of a building or permanent structure are considered isolated and soil category S-3 is applicable.

The frequency and intensity of site usage in the release area is considered to be high for both children and adults given the site being a school and next to athletic fields. In consideration of current site usage and to eliminate the need for an Activity and Use Limitation (AUL), pursuant to 310 CMR 40.0933, all soil at the site is categorized as S-1.

#### Groundwater

Based upon the requirements of 310 CMR 40.0932, REI has evaluated applicable groundwater classifications for the site. Groundwater at the site is categorized as GW-1 (drinking water source), GW-2 (groundwater within 15 feet of grade adjacent to an "occupied" structure) and GW-3 (all groundwater). GW-1 conditions are applicable at the site as it is within both a Zone II and an IWPA. GW-2 conditions are applicable for the area of the site at the UST itself, as it is within 30' of the high school. GW-3 conditions are applicable as all groundwater in the Commonwealth of Massachusetts is considered to be GW-3.

The release area at the UST is within both and IWPA and a Zone 2. Additionally, the soil affected by the release directly above the UST is greater than 30' from the school building, which is considered to be an "occupied structure. As such, S-1/GW-1,3 standards will be used to characterize Risk in soil in the UST area. However, the affected soil area on the opposite side of the driveway curve is within 30' of the school building which makes S-1/GW-1,2,3 the applicable standard. The affected portion of the retention pond is beyond the IWPA and Zone 2 boundaries; however, the discharge of the retention pond flows directly into a Zone A, which provides drinking water for the subcommunities of Cherry Valley and Rochdale in Leicester. The pond is not within 30' of a structure. As water quality in the pond would have an immediate effect on the water quality in the Zone A, comparison to S-1/GW-1,3 is appropriate.

#### Ambient Air

During the IRA, ambient air was assessed via Rae Systems ppbRAE hygiene monitor calibrated to an Isobutylene standard. Screenings did not show any negative impact to indoor air quality at the school as a result of the subject release. IRA activities have successfully resolved negative impacts to exterior ambient air. As such, ambient air or indoor air is not an exposure point, nor factored into the risk characterization.

#### Surface Water

The MCP does not include Method 1 standards for surface water. However, surface water was sampled and analyzed at the time of the release and on completion of the response actions. No exceedence of the Drinking Water

Standards or Guidelines was observed. As such, surface water is not an exposure point and is not factored into the Risk Assessment.

### **Exposure Pathways and Potential Exposure Points for Soil and Groundwater**

Based on the petroleum concentrations identified at the site, soil may serve as media through which exposure may occur. Given this media, the petroleum constituent concentrations identified at the site, and the respective fate and transport characteristics for each petroleum constituent, the following potential exposure pathways may exist at the site:

- Direct contact with impacted soil
- Ingestion of impacted soil

### Identification of Soil Exposure Point Concentrations

Pursuant to 310 CMR 40.0926, for each oil and/or hazardous material identified in each medium at each exposure point, Exposure Point Concentrations shall be identified and documented.

Per 310 CMR 40.0926, an arithmetic average concentration for soil has been calculated to provide a conservative estimate of the Exposure Point Concentration for the remaining residual soils at the site. The document "MassDEP Guidance for Disposal Site Risk Characterization – In Support of the Massachusetts Contingency Plan" considers the usage of non-detects for the proper conservative determination of exposure point concentrations. Specifically, "when a contaminant is detected or likely to be present in the area under investigation and the laboratory reports the concentration of an OHM in a sample taken from the area as "non-detect", the concentration of the OHM in that sample should be assumed to be one-half of the Sample Quantitation Limit (SQL)." To provide the most conservative characterization, only those samples with detectable results could be averaged. However, to provide an upper percentile to intentionally over-estimate the potential exposure to streamline the assessment process in accordance with 310 CMR 40.0926 the highest level detected will be utilized as the exposure point; therefore if a compound detection is observed only in one sample, the Exposure Point is derived directly from that detection. Please note that out of the six endpoint confirmatory samples, only two resulted in any detections.

### Soil Exposure Point #1 (UST Excavation Area)

IRA excavation of impacted soils the UST location was conducted until field-screening levels were sufficiently low to likely correlate with background (non-detectable) concentrations or those below the applicable MassDEP Method 1 Cleanup Standards. Representative grab soil samples were collected from the excavation areas upon completion and submitted for EPH and VPH analyses as appropriate. The calculated exposure point is documented below in **Table Seven**.

**Table Seven**  
**UST Excavation Soil Exposure Point Calculation**

		6/25-A	6/25-C	6/25-D	6/25-E	6/25-F	Calculated Exposure Point	MassDEP S-1/GW-1, 3
EPH	C9-C18 Aliphatics	BRL	BRL	BRL	BRL	BRL	BRL	1,000
	C19-C36 Aliphatics	BRL	BRL	BRL	BRL	BRL	BRL	3,000
	C11-C22 Aromatics	BRL	BRL	36.8	BRL	BRL	36.8	1,000
	Phenanthrene	BRL	BRL	2.5	BRL	BRL	2.5	10(1)
	Anthracene	BRL	BRL	0.763	BRL	BRL	0.763	1,000
	Fluoranthene	BRL	BRL	2.16	BRL	BRL	2.16	1,000
	Pyrene	BRL	BRL	1.82	BRL	BRL	1.82	1,000
	Benzo(a)anthracene	BRL	BRL	0.838	BRL	BRL	0.838	7
	Chrysene	BRL	BRL	0.902	BRL	BRL	0.902	70
	Benzo(b)fluoranthene	BRL	BRL	0.597	BRL	BRL	0.597	7
	Benzo(k)fluoranthene	BRL	BRL	0.524	BRL	BRL	0.524	70
	Benzo(a)pyrene	BRL	BRL	0.68	BRL	BRL	0.68	2
Benzo(g,h,i)perylene	BRL	BRL	0.41	BRL	BRL	0.41	1,000	
VPH	C5-C8 Aliphatics	BRL	BRL	BRL	BRL	BRL	BRL	100
	C9-C12 Aliphatics	BRL	BRL	BRL	BRL	0.486	0.486	1,000
	C9-C10 Aromatics	BRL	BRL	BRL	BRL	0.0624	0.0624	100

EPH/VPH Values & Standards in Milligrams per Kilogram (mg/Kg, ppm)  
 Lowest Value Represented by (#) If no Designation GW-1/3 Are Same Value  
 BRL = Below Reporting Limits

As documented above in **Table Seven**, each individual detection as well as the calculated exposure point is significantly below the applicable S-1/GW-1,3 standard. Consequently, it can be assumed that no risk is associated with the soil exposure point. Since the calculated soil exposure point averages are well below the Method One Risk Characterization S-1/GW-2, 3 standards, an AUL will not be required to determine and/or maintain a condition of No Significant Risk for Exposure Point #1.

Soil Exposure Point #2 (Inside Driveway Curve)

IRA excavation of affected soils on the inside curve of the driveway adjacent to the Leicester High School building was conducted until field-screening levels were sufficiently low to likely correlate with background (non-detectable) concentrations or those below the applicable MassDEP Method 1 Cleanup Standards. A representative grab soil sample was collected from the area upon completion of excavation and submitted for EPH and VPH analysis as appropriate. The calculated exposure point is documented below in **Table Eight**.

**Table Eight**  
**Inside Driveway Curve Soil Exposure Point Calculation**

		6/25-B	Calculated Exposure Point	MassDEP S-1/GW-1,2,3
VPH	C5-C8 Aliphatics	BRL	BRL	100
	C9-C12 Aliphatics	BRL	BRL	1,000
	C9-C10 Aromatics	BRL	BRL	100
EPH	C9-C18 Aliphatics	BRL	BRL	1,000
	C19-C36 Aliphatics	BRL	BRL	3,000
	C11-C22 Aromatics	BRL	BRL	1,000

EPH/VPH Values & Standards in Milligrams per Kilogram (mg/Kg, ppm)  
 Lowest Value Represented by (#) If no Designation GW-1/2/3 Are Same Value  
 BRL = Below Reporting Limits

No EPH or VPH detections were found to be present in the samples at or above the laboratory reporting limit. The Exposure Point mirrors this result. As such, background conditions had been restored and there is no exposure point as there is no risk associated with Exposure Point #2.

Soil Exposure Point #3 (Pond Excavation)

IRA excavation of exterior soils around the edge of pond adjacent to the outfall location was conducted until field-screening levels were sufficiently low to likely correlate with background (non-detectable) concentrations or those below the applicable MassDEP Method 1 Cleanup Standards. Representative grab soil samples were collected from the excavation areas upon completion and submitted for EPH and VPH analysis as appropriate. The calculated exposure point is documented below in **Table Nine-A**.

**Table Nine-A**  
**Pond Exposure Point (EPH& VPH)**

		S-1	S-2	S-3	S-4	S-5	Calculated Exposure Point	MassDEP S-1/GW-1,3
VPH	C5-C8 Aliphatics	BRL	BRL	BRL	BRL	BRL	BRL	100
	C9-C12 Aliphatics	BRL	BRL	BRL	BRL	BRL	BRL	1,000
	C9-C10 Aromatics	BRL	BRL	BRL	BRL	BRL	BRL	100
EPH	C9-C18 Aliphatics	BRL	BRL	BRL	BRL	BRL	BRL	1,000
	C19-C36 Aliphatics	BRL	BRL	BRL	BRL	BRL	BRL	3,000
	C11-C22 Aromatics	BRL	BRL	BRL	BRL	BRL	BRL	1,000

EPH/VPH Values & Standards in Milligrams per Kilogram (mg/Kg, ppm)  
 Lowest Value Represented by (#) If no Designation GW-1/3 Are Same Value  
 BRL = Below Reporting Limits

No EPH or VPH detections were found to be present in the samples at or above the laboratory reporting limit. The Exposure Point mirrors this result.

In addition to the EPH and VPH analyses, samples were collected and analyzed for 8270-SIMS analysis, as well. This was conducted for ecological risk assessment purposes rather than human health. However, as a conservative measure, these samples and a calculated exposure point are documented below in **Table Nine-B**.

**Table Nine-B**  
**Pond Exposure Point (8270-SIMS)**

	S-1	S-2	S-3	S-4	S-5	9/17-A	9/17-B	9/17-C	9/17-D	Calculated Exposure Point	MassDEP S-1/GW-1,3
Fluoranthene	BRL	305	BRL	BRL	BRL	BDL	BDL	BDL	101*	203	1,000,000
Pyrene	BRL	268	BRL	BRL	BRL	BDL	BDL	BDL	BDL	268	1,000,000

8270-SIMS Values and Standards represented in Micrograms per Kilogram (µg/Kg, ppb)  
 \* = Estimated Concentration Below the Reporting Limit but above Detection Limit  
 BRL = Below Reporting Limits BDL = Below Detection Limits

Detections were only observed in one sample, with an estimated concentration observed in a second. Both the detections and the resulting Exposure Point are significantly below the S-1/GW-1,3 standards, as well as below the standard QA/QC laboratory levels for human health Risk Assessment.

Since the calculated soil exposure point averages are well below the Method One Risk Characterization S-1/GW-1,3 standards, an AUL will not be required to determine and/or maintain a condition of No Significant Risk relative to human health for Exposure Point #3.

**Identification of Groundwater Exposure Point Concentrations**

In accordance with EPH/VPH training documents, guidance provided by the MassDEP is such that groundwater be evaluated for #2 fuel oil releases if groundwater is shallow, in a sensitive area, or near a drinking water supply (GW-1) area. At the time of the release, a rain event caused the release to impact a catchbasin in the driveway which leads to an elongated subsurface drainage pipe. This culvert eventually discharges to the detention pond discussed in this report. Groundwater was not encountered at the site at the time of excavation at the UST. However, it is assumed that the average annual depth to groundwater at the site is less than 15' below surface grade.

In accordance with guidance within the MassDEP publication "Implementation of the MassDEP VPH/EPH Approach", the installation of groundwater monitoring wells would generally not be necessary IF (a) site data,

before or after remediation, documents concentrations of EPH fractional ranges below appropriate Method 1 standards, and (b) there are no groundwater withdrawal wells within 500 feet". No groundwater withdrawal wells are located within 500 feet of the release area and laboratory analyses show that the EPH fractional ranges of each individual sample, as well as the calculated exposure point averages, are below appropriate S-1/GW-1,3 and S-1/GW-1,2,3 Method 1 standards. Consequently, monitoring well installation was not required.

### **Human Health Risk Characterization**

Based on the data generated and presented along with site-specific and Method 1 conservative assumptions, Exposure Point Concentrations have been found to not exceed the applicable Method 1 standards. A Permanent Solution for the release at the site has been achieved, and as such, a condition of No Significant Risk of harm to human health has been achieved in accordance with 310 CMR 40.0973(7).

### **Public Welfare Risk Characterization**

The following factors have been considered when evaluating risk to public welfare: the existence of nuisance conditions, loss of property value, and the unilateral restriction of the use of another person's property. In addition, any monetary or non-pecuniary costs not otherwise considered in the characterization of risk of harm to health, safety and the environment by which might accrue due to the degradation of public or private resources directly attributable to the release of oil have been considered. Upon consideration of these factors and since the concentrations of remaining fuel oil constituents are well below the established Upper Concentration Limits and Risk Characterization Method 1 standards, No Significant Risk of harm to public welfare exists as a result of the release and subsequent remediation.

### **Environmental Risk Characterization**

Based on the fact that this portion of the site is located directly adjacent to a Surface Water Feature, a *Stage I Environmental Risk Screening* has been performed and is presented in **Attachment Two**. The conclusions and recommendation of that report state:

"This investigation revealed no evidence of an Imminent Hazard, Substantial Hazard, or readily apparent harm within the surface water, sediment, or soil media at the Site based upon the June 29, 2009 and September 17, 2009 Site inspections and associated sampling of environmental media. Furthermore, EcoTec concludes, based upon Site inspections, a review of analytical data, comparisons to and Site-specific benchmarks, and qualitative evaluation so flora and fauna, that conditions at the Site do not represent a significant risk to the environmental as defined by the MCP in surface water, sediment, or soil."

As such, a condition of no significant risk of harm to the environment has been achieved.

## **Response Action Outcome**

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### **Class Description of the Response Action Outcome and Method Characterization**

This Response Action Outcome (RAO) is classified as A-2 in accordance with provisions stipulated in 310 CMR 40.1036. The source of the release has been eliminated and remedial activities performed under an IRA have reduced the magnitude of fuel oil constituents to levels that are consistent with a permanent solution but not reduced to background levels at the release site. An AUL is not required to maintain the condition of No Significant Risk. A Permanent Solution for the release at the site has been achieved, and as such, a condition of no significant risk of harm to health, public welfare and the environment has been achieved in accordance with 310 CMR 40.0973(7).

### **Relationship to other RAO Statements and Activity and Use Limitations**

No other Response Action Outcome Statements have been filed for this RTN. Since an A-2 RAO condition has been met, an Activity and Use Limitation will not be required.

## **Data Usability Assessment and Representativeness Evaluation**

### *Conceptual Site Model*

The subject release resulted from the overflow of an 8,000-gallon underground storage tank at Leicester High School. Fuel oil was released from the fill port of the tank when the driver disconnected as a result of tank (UST) backpressure. The release affected soils and asphalt in the immediate area of the UST, then migrating across the asphalt due to rain at the time, following the slope of grade, to impact a catchbasin. The affected basin connected to the stormwater drainage system, which drains to a retention pond in another portion of the Leicester Public School complex.

The affected soils at the UST location were found to be shallow and not advance vertically beyond the top of the UST; this was confirmed by both field screening and confirmatory laboratory analysis. No groundwater was observed during the excavation of material at the UST and impact to groundwater quality would not be expected based on the actions conducted and data gathered. The stormwater drainage system acted as a conduit, conveying oil directly to the retention basin and preventing impact to surrounding soils and possible migration to groundwater removed from the UST location. Through containment, the application of absorbents, and the implementation of an oil/water separator underflow dam, impact to the basin was limited. Excavation of impacted material at and around the basin perimeter has successfully achieved S-1 standards. No detrimental effect to surface water quality has been observed.

### *Field Screening*

The surface footprint of the release was evaluated by direct visual and olfactory observation, as well as photoionization field screening. These observations were supported through laboratory analysis, which also confirmed the efficacy of response actions undertaken. Laboratory data from selected representative soil samples correlated to field observations, confirming that no or low detections during field screening resulted in trace to no detection via analysis. Visual, olfactory, and/or photoionization observations were consistent with post-excavation sampling observations. Subsequent to receipt of analytical results, comparison of visual, olfactory, and photoionization headspace with the analytical data indicated that field screening data was consistent with the analytical data.

### *Temporal Data*

Free product was immediately recovered with absorbents and impacted soil was subsequently excavated to background conditions. Observations of site conditions were made throughout multiple inspection events encompassing various weather conditions. Conservative conclusions do not indicate that variances would be expected to occur temporally.

### *Field Completeness*

The analytical data set is consistent with the release footprint and the surrounding unaffected areas. Screening data correlated with analytical data in that no high screening/low analytical or the opposite were observed. The data set is considered to be acceptable to support the RAO based on conservative sampling biases in the confirmatory sample collection.

### *Data Inconsistency*

Site observations were made by the multiple individuals and no inconsistencies between observations were noted.

### *Data Not Used*

No field screening or analytical data set was excluded from the data set based on laboratory report validation.



*Data Usability*

As documented in this report, media, analysis, and sampling dates are referenced. The laboratory methods utilized, (MassDEP EPH and VPH Methods as well as 8270-SIMS), are consistent with the determination of virgin #2 fuel oil in soil. Based on the Representativeness Evaluation, the analytical data quality for the soil sampling has been reviewed. The analytical data provided in support of this RAO has met the method quality control requirements and performance standards for "Presumptive Certainty". The validity and defensibility of the analytical data used to support the findings of the RAO for this disposal Site with respect to accuracy, precision, and completeness have therefore been satisfied.

The observations, sampling techniques, and laboratory data generated and used during the remediation of the Site and compilation of the RAO have been in accordance with all applicable protocols and are true and accurate. The sample collection locations appropriately profiled the respective sampling areas. The sampling data provided in this report is adequate to support the conclusions drawn herein.

The data relied upon is scientifically valid and defensible, and of a sufficient level of precision, accuracy, and completeness to support the RAO, and a Representativeness Evaluation documenting the adequacy of the spatial and temporal data sets supports the RAO. All analyses were performed within their applicable holding times. Laboratory QA/QC Flags were reviewed and the results were accepted based on the organic Criteria for Rejection of Data as stipulated in the Data Usability Work Group Review Draft Policy [5/26/2006]. Overall results were observed to be consistent and likely accurate regardless of any QC flag. No data was rejected based on the criteria within the limitations listed below.

Method	Sample Name	Issue	Use Limitation
TPH-8100 (Soil)	Disposal	Non-Cam	None
TOC (Soil)	9/17-A, 9/17-B, 9/17-C, 9/17-D	Non-Cam	None
EPH (Soil)	S-1, S-2, S-3, S-4, S-5	None	None
	6/25-A, 6/25-B, 6/25-C, 6/25-D, 6/25-E, 6/25-F	RPD for Indeno(1,2,3-cd)pyrene and Dibenzo(a,h)anthracene in LCS DUP exceeded QC control limits but percent recoveries were acceptable based on the % recoveries and completeness of data	None (Not Contaminants of Concern)
VPH (Soil)	6/25-A, 6/25-C, 6/25-D, 6/25-E, 6/25-F	Estimated concentrations of C5-C8 Aliphatics (adjusted and unadjusted), C9-C12 unadjusted Aliphatics, and C9-C10 Aromatics detected below the RDL in QA/QC Dup	None
	6/25-B	Preserved sample is not within the 1:1 weight to volume ratio but may be within the 1:1 volume to volume ratio, possibly affecting the RDL. RDL was reviewed and not found to be disproportionate and affect the result; Estimated concentrations of C5-C8 Aliphatics (adjusted and unadjusted), C9-C12 unadjusted Aliphatics, and C9-C10 Aromatics detected below the RDL in QA/QC Dup	None
	S-1, S-2, S-3, S-4, S-5	None	None
8270-SIMS (Soil)	S-1, S-4, S-5	8270 list abbreviated to PAHs only;	None
	S-2, S-3	8270 list abbreviated to PAHs only; Reporting limit raised to account for matrix interference	None
	9/17-A, 9/17-B, 9/17-C, 9/17-D	8270 list abbreviated to PAHs only; 8270 PAHs included in analysis but not detected in Method Blank	None
EPH (Surface Water)	6/23-H2O	RPD for C19-C36 Aliphatics and 2-Methylnaphthalene in LCS Dup exceeded QC control limits but percent recoveries were acceptable based on the % recoveries and completeness of data	None
	9/17-H2O	RPD for benzo(b)fluoranthene in LCS DUP exceeded QC control limits but percent recoveries were acceptable based on the % recoveries and completeness of data	None (Not Contaminants of Concern)
VPH (Surface Water)	6/23-H2O, 9/17-H2O	None	None
VPH (Tap Water)	TRIP (from laboratory report SA93922)	None	None

The analytical data set is consistent with the footprint of the subject release. Screening data correlated with the analytical data in that no high screening-low analytical or the opposite were observed. The data set is considered to be acceptable to support the RAO based on the sampling biases toward areas with the most significant initial impact and fuel oil accumulations. It has been determined that the Site data is sufficiently representative of actual Site conditions and is more than adequate to support the conclusions drawn herein.

### **Demonstration that All Uncontrolled Sources Have Been Eliminated and Feasibility to Achieve Background**

The subject release resulted from the overfill of an 8,000-gallon underground storage tank at Leicester High School. An estimated 50 gallons of fuel oil were released from the fill port of the tank when the driver disconnected as a result of tank (UST) backpressure. The release affected soils and asphalt in the immediate area of the UST, then migrating across the asphalt to impact a catchbasin connected to the stormwater drainage system, which drains to a retention pond in another portion of the Leicester Public School complex. Visual, olfactory, photoionization, and analytical assessment of the release area confirms the removal of #2 fuel oil from the environment to levels below the published MassDEP S-1/GW-3, S-1/GW-1,3 and S-1/GW-2,3 standards as applicable. Subsequent visual, olfactory, photoionization and laboratory evaluations conclude that all remaining constituents are below soil and groundwater standards for a Method One Risk Assessment.

Given the extent of remediation activities under the IRA and the diminished levels of remaining fuel oil constituents, it is likely that natural degradation actions will continue to sufficiently reduce the levels of impact to background over an acceptable time period, if not already achieved based on observations. Based on current MassDEP guidance, the feasibility to obtain background criterion for soil is met if it can be documented that site conditions are amenable to natural degradation (performance standard of 50 percent mass reduction in 5 years. Natural degradation has been fully documented for chemical compounds found in certain classes of petroleum products under “typical” site conditions. These compounds include gasoline and lighter fuel oils (diesel, kerosene, jet fuel and No. 2 fuel oil) and as such this guidance has been met.

### **Response Action Outcome Opinion**

It is the opinion of the LSP that a Permanent Solution has been achieved for this release and that all uncontrolled sources of oil related to this release have been eliminated via the response actions performed. It is further the opinion that a Permanent Solution has been achieved with the requirements of a Class A-2 RAO having been met within the area defined on **Figure 2: Site Overview**.

### **Public Notification**

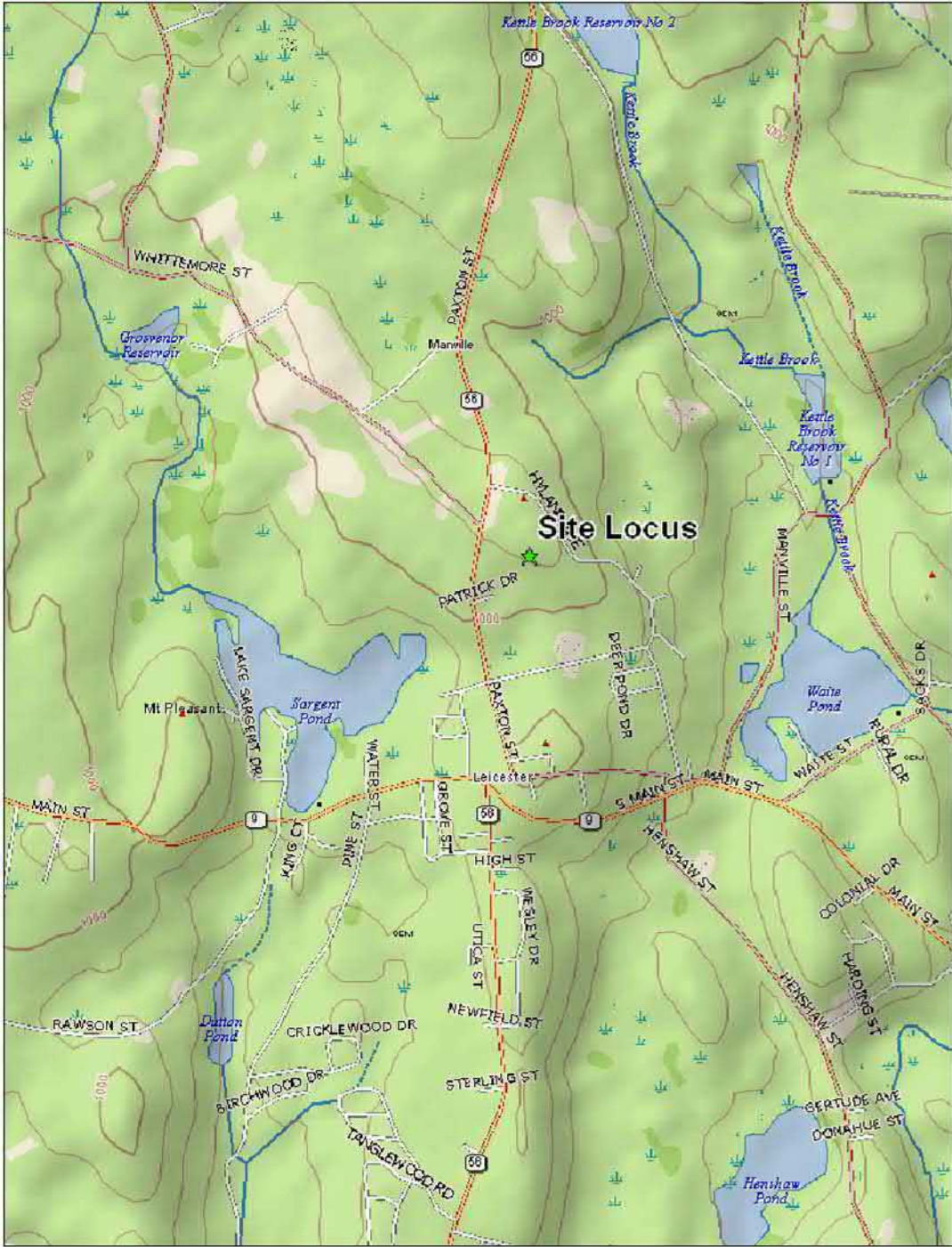
A copy of the RAO Availability notification letter submitted to the Board of Selectmen and the Board of Health for the Town of Leicester is presented in **Attachment Four**. The property owner (the Leicester School Department) has been advised of conditions via verbal updates, site meetings, correspondence between REI and the Leicester School Department’s environmental consultant, and via BWSC 123. The property owners have been provided complete copies of the RAO submittal and notice via MassDEP form BWSC-122.

### **Massachusetts DEP Audits**

The goal of an audit is to ensure compliance with M.G.L. c. 21E and the MCP by verifying that response actions have been conducted according to all applicable requirements of the MCP. The principal focus of the evaluation is to determine whether human health, safety, public welfare, and the environment have been adequately protected by response actions conducted at the site.

The MassDEP may audit any site for any reason from the point of the initial release notification to 5 years after a Class A or Class B Response Action Outcome Statement (RAO) has been filed. After 2 years from filing a Class A or B RAO, MassDEP may not include the site in a random audit, but may still audit the site for certain specific reasons, including; discovery of a significant risk at the site, discovery that past response actions were not properly performed, discovery that the RAO statement was incomplete or misleading, finding that the person responsible for response actions at the site failed to fully respond to a Request For Information (RFI) from MassDEP, failure to maintain the site or required records regarding the site, or a change in the use of the site not envisioned in the RAO. The MassDEP may initiate at any time an audit of an Activity and Use Limitation.

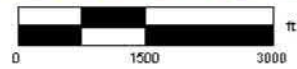
If the MassDEP's initial review of the file raises no questions and reveals no deficiencies or violations, an audit could end within several weeks. In such case, MassDEP may not notify the RP, PRP, or Other Person of the audit. If, however, information is unavailable, or deficiencies or violations are discovered, the audit could take several months to complete and may include an Audit Follow-up Plan.



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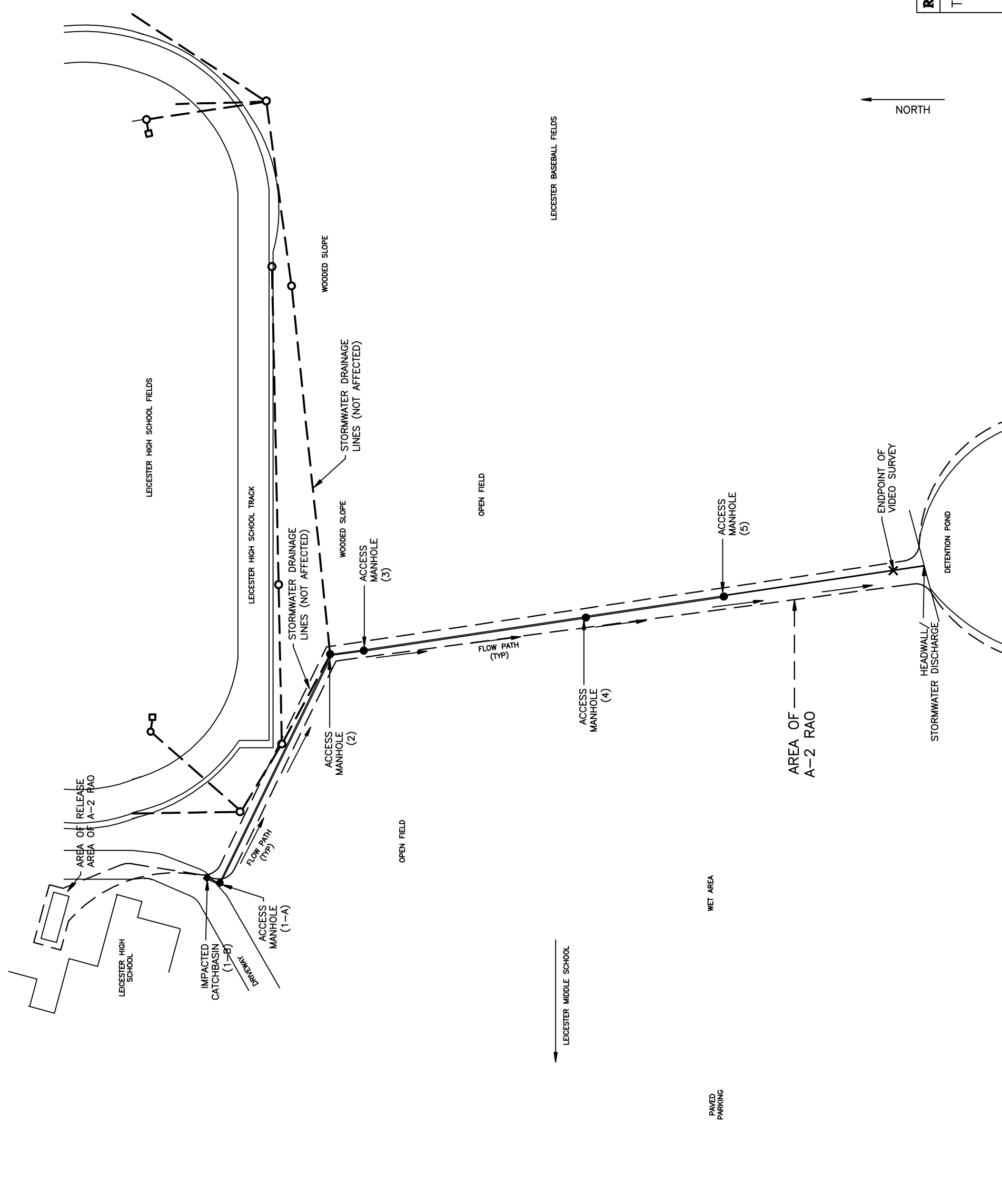
### RESPONSE ENVIRONMENTAL, INC.

TRANS SPEC TRUCK SERVICES  
 174 PAXTON STREET  
 LEICESTER, MA  
 RTN 2-17553

FIGURE 1  
 SITE  
 LOCUS

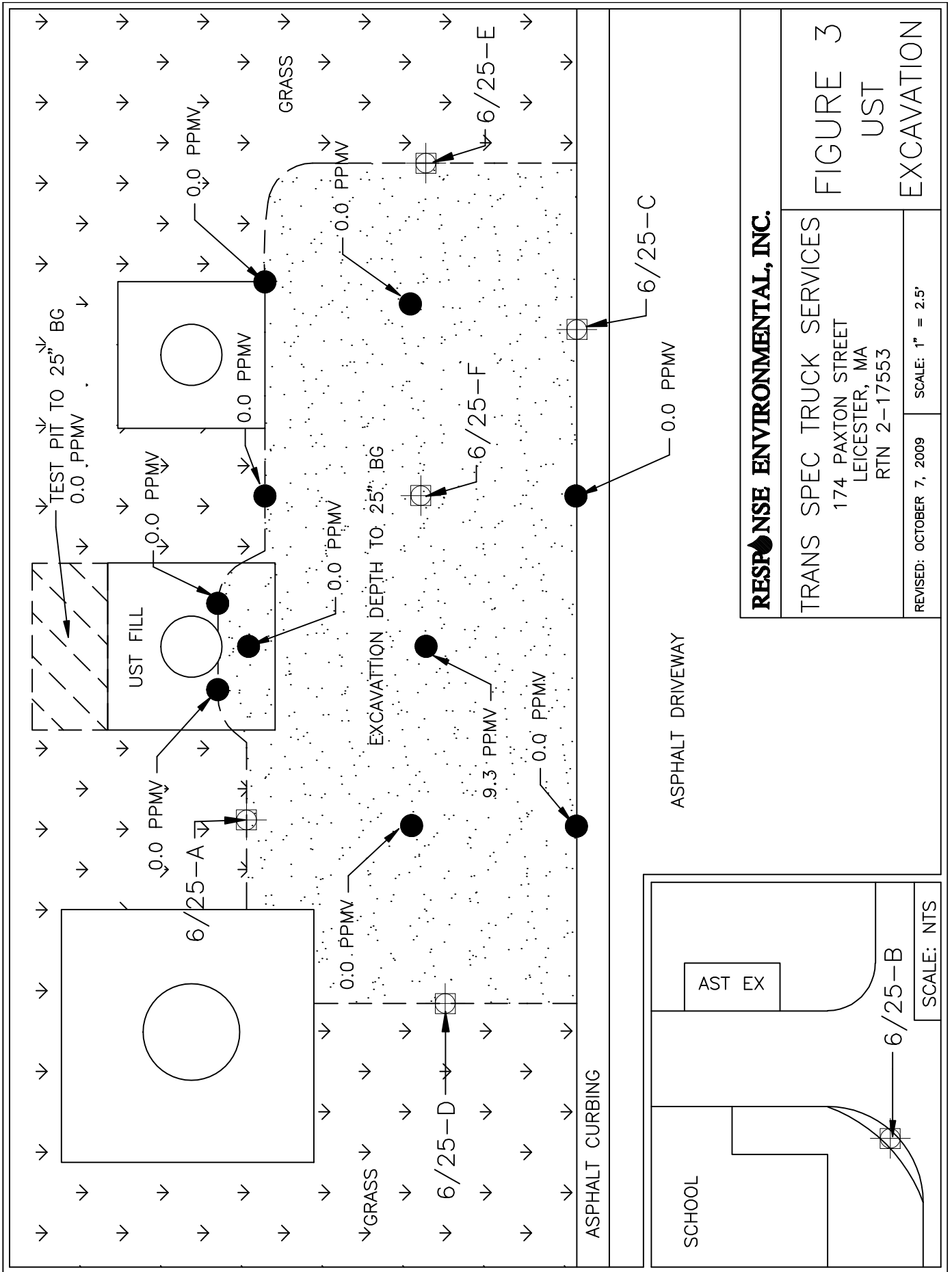
DATE: JUNE 26, 2009

SCALE: AS NOTED



**RESPONSE ENVIRONMENTAL, INC.**  
 TRANS SPEC TRUCK SERVICE, INC.  
 174 PAXTON STREET  
 LEICESTER, MA  
 RTN # 2-17553  
 DATE: SEPTEMBER 30, 2009 SCALE: 1"=65'

FIGURE 2  
 SITE  
 OVERVIEW



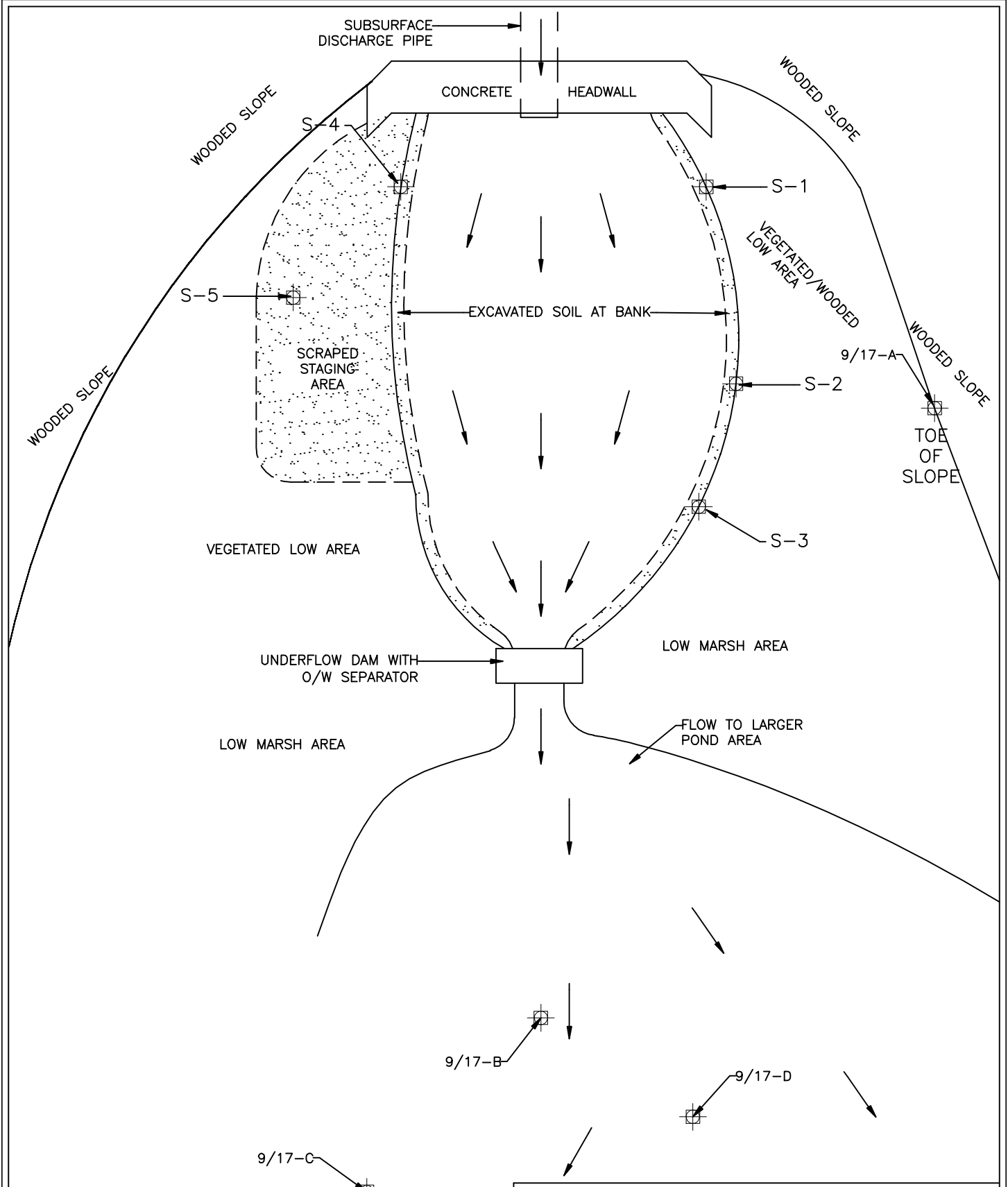
**RESPONSE ENVIRONMENTAL, INC.**

TRANS SPEC TRUCK SERVICES  
 174 PAXTON STREET  
 LEICESTER, MA  
 RTN 2-17553

**FIGURE 3**  
 UST  
 EXCAVATION

REVISED: OCTOBER 7, 2009      SCALE: 1" = 2.5'

SCALE: NTS



<b>RESPONSE ENVIRONMENTAL, INC.</b>	
TRANS SPEC TRUCK SERVICES 174 PAXTON STREET LEICESTER, MA RTN 2-17553	<b>FIGURE 4</b> <b>POND</b> <b>EXCAVATION</b>
REVISED: SEPTEMBER 23, 2009	SCALE: 1"± = 5'

**Attachment Two**  
**Stage I Environmental Screening**  
**Limited Stage II Environmental Risk Characterization**





# EcoTec, Inc.

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ENVIRONMENTAL CONSULTING SERVICES  
102 Grove Street  
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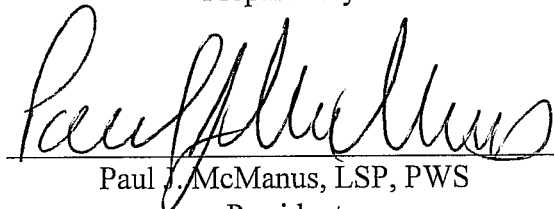
## STAGE I ENVIRONMENTAL SCREENING and LIMITED STAGE II ENVIRONMENTAL RISK CHARACTERIZATION

#2 Fuel Oil Release  
174 Paxton Street  
Leicester, Massachusetts  
Release Tracking Number: 2-17553

Prepared For:

Response Environmental Inc.  
7 Henry Street  
Worcester, MA 01604

Prepared By:



Paul J. McManus, LSP, PWS  
President  
EcoTec Inc.  
102 Grove Street  
Worcester, MA 01605

October 14, 2009



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- 7.0 Comparison To Upper Concentration Limits
- 8.0 Conclusions
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- Natural Heritage and Endangered Species Atlas: Paxton Quadrangle, October, 2008;
- ACEC Statewide Map
- FEMA Flood Insurance Rate Map
- Site Photographs
- Resume of Paul J. McManus, LSP, PWS

## 1.0 Foreword

This evaluation and report have been completed by EcoTec Inc. (“EcoTec”) at the request of Response Environmental Inc. of Worcester, Massachusetts (“REI”). This report summarizes investigations conducted to evaluate the risk of harm to the environment associated with the release of #2 fuel oil to the environment at 174 Paxton Street (Leicester High School) in Leicester, Massachusetts (“the Site”). The release of an estimated 50 gallons of #2 fuel oil occurred during a delivery of fuel oil to an underground storage tank adjacent to the Leicester High School building. Fuel oil was released directly to the asphalt driveway, an adjacent lawn area, and a catch basin connected to an underground culvert. In accordance with MADEP (1996) the paved driveway and lawn areas do not constitute environmental receptors and therefore are not discussed further in this evaluation. The catch basin that was impacted by the released oil is connected to an underground PVC storm drain pipe that flows in a southerly direction for approximately 500 feet to headwall.

The storm drain pipe terminates at a large (approximately 10,000 square feet in area) stormwater management basin located just east of the Leicester Middle School and immediately north of Wilson Street. The stormwater basin receives flows from catch basins located on the high school property, including the oil-impacted catch basin, as well as from the Middle School parking lot and adjacent landscaped areas. The precise history of the stormwater basin is not known by EcoTec, although it is clearly man-made and appears to have been excavated in upland (i.e. non-wetland). The stormwater basin discharges under Wilson Street. The stormwater basin was inspected on June 29, 2009 and September 17, 2009, by Paul J. McManus, LSP, PWS of EcoTec. The subject area is depicted in the appended photographs. The stormwater basin consists of open water in the east-central portion, and has a dense emergent marsh plant community over much of its area, with a narrow perimeter band of shrub swamp species. This area is bounded by a steep upland slope dominated by brambles (*Rubus* spp.) and a variety of upland weeds. The flora and fauna observed to be associated with the stormwater basin are described in more detail in section 4, below.

Because the stormwater basin was clearly constructed to collect and manage stormwater runoff, EcoTec evaluated it in the context of the MADEP policy *Ecological Value of Surface Water Features* (MADEP, 2006E). That policy states essentially that man-made surface water features affected by a release of oil or hazardous material should be evaluated for possible consideration as environmental receptors on the basis of their actual ecological function. It is EcoTec’s opinion that the subject stormwater management basin contains a plant community dominated by native wetland species, and provides habitat to a variety of vertebrate and invertebrate wetland-related animals. Therefore, for purposes of this assessment, EcoTec considers the subject stormwater basin as an ecological receptor and describes it in ecological terms and classifications for natural areas in accordance with the Massachusetts Wetlands Protection Regulations (310 CMR 10.00). It should be noted that the Massachusetts Wetland Regulations do not address the jurisdictional status of such areas created prior to 2008 (areas created after 2008 are deemed by those Regulations to not be jurisdictional wetlands).

The evaluation is intended to satisfy the requirements of a Stage I Environmental Screening (“ES”) but incorporates Site-specific screening benchmarks and is therefore also designated as a

Limited Stage II Environmental Risk Characterization (“ERC”). For purposes of this report, the “Site” is defined as the extent of area impacted by the release consisting of environmental receptors. Thus, the Site for this evaluation is the stormwater management basin where oily water discharged from the storm drain immediately following the release of oil at the High School. Areas affected by the release at the High School consist of paved parking lot and landscaped lawn. These areas are not considered to be environmental receptors in accordance with MADEP (1996).

Stormwater enters into the subject basin from the culvert headwall located near the northwest corner of the area. At that location, a small delta of sand had deposited, although much of that delta was excavated and removed for off-site disposal during site remediation activities. Topography within the basin is generally flat, but slopes gradually to a low point located just east of the center of the area. Flows leave the basin via a pipe located below Winslow Avenue. With water ponded to the outlet structure elevation, there is ponding from a trace to a depth of generally less than 2 feet over the majority of the basin. According to Jeffrey Curtis, LSP of REI, on the date of the release, no floating oil or sheen was reported to have flowed out of the stormwater basin prior to deployment of oil absorbent booms and pads within the stormwater basin by personnel of the Leicester Fire Department; and in addition, inspection of surface water downstream of the pond by personnel of the Cherry Valley & Rochdale Water District indicated no visible petroleum product present. Therefore, with the possible exception of trace levels of dissolved petroleum constituents, no petroleum contamination associated with the oil release left the stormwater basin. Therefore, EcoTec considers the intermittent stream channel and associated wetlands downstream of the outlet from the basin to be unaffected to any significant degree by the release.

Environmental receptors potentially affected by the release of #2 fuel oil are located within the subject basin. These potentially affected environmental resource areas include the soil and sediment of the area (see below for discussion distinguishing soil and sediment under the MCP) as well as potentially affected surface water. The flora and fauna inhabiting these potentially affected areas are also included within the potential environmental receptors. For purposes of this assessment, the “Study Area” is also defined to include terrestrial areas, including wetlands and uplands, along the perimeter of the stormwater basin. These areas are defined further below.

Based upon the conservative designation of the affected stormwater basin as an ecological receptor with wetlands jurisdiction, the stormwater basin appears to satisfy the criteria for consideration as a Pond under the Massachusetts Wetlands Protection Act (M.G.L. Ch. 131, S. 40; the “Act”) and its implementing regulations (310 CMR 10.00 *et seq*; “the Regulations”). A Pond is defined (310 CMR 10.04) as:

*“...any open body of fresh water with a surface area observed or recorded within the last ten years of at least 10,000 square feet. Ponds may be either naturally occurring or man-made by impoundment, excavation, or otherwise. Ponds shall contain standing water except for periods of extended drought..... Notwithstanding the above, the following man-made bodies of open water shall not be considered ponds:*

- a. basins or lagoons which are part of wastewater treatment plants;*

- b. swimming pools or other impervious man-made basins; and*
- c. individual gravel pits or quarries excavated from upland areas unless inactive for five or more consecutive years."*

Based upon the designation of the stormwater basin as a Pond, the Wetland Resource Areas, as defined by the Massachusetts Wetland Regulations, that are located within the Study Area are:

- Land Under Water Bodies and Waterways ("LUW") under the pond;
- Bank of the pond;
- Bordering Vegetated Wetland ("BVW") bordering the pond; and
- Bank of the intermittent stream outlet from the pond.

The impacted storm drain system that discharges to the stormwater basin serves as the headwaters of that system. In addition, parking areas, landscaping, and athletic fields of the school complex also drain to the stormwater basin. As such, the contributing drainage area at the outlet of the stormwater basin is well below the ½ square mile threshold for possible consideration as a River. Therefore, there is no Riverfront Area wetland resource on the site as defined by 310 CMR 10.58 of the Massachusetts Wetland Regulations.

This report summarizes investigations conducted to evaluate ecological risks associated with the petroleum release to upland (i.e. non-wetland) and freshwater wetland environmental resources. The evaluation described herein consists of a Stage I Environmental Screening, conducted in accordance with the Massachusetts Contingency Plan ("MCP") regulations at 310 CMR 40.0995, with a modification to incorporate Site-specific sediment screening benchmarks, as described in section 4.6.2, below. Because this evaluation makes use of Site-specific screening benchmarks, it is also labeled as a Limited Stage II Environmental Risk Characterization.

This evaluation was based upon the procedures and methodologies outlined in the document: "Guidance For Disposal Site Risk Characterization" (MADEP, 1996). In addition, this evaluation considered the guidance in the following Interim Technical Updates to MADEP (1996) (these Technical Updates all include the notation "valid through 2006" but they are still available on the MADEP web site and have not been replaced or updated):

- Area-Based Screening for Sediment Contamination: Update to Section 9 of Guidance for Disposal Site Risk Characterization (MADEP, 2006A);
- Averaging Area For Benthic Invertebrate Assessments: Update to Section 9 of Guidance for Disposal Site Risk Characterization (MADEP, 2006B);
- Revised Sediment Screening Values Update to Section 9 of Guidance for Disposal Site Risk Characterization (MADEP, 2006C);
- Assessment Endpoints For Benthic Invertebrates: Update to Section 9.3.2.1 of Guidance for Disposal Site Risk Characterization (MADEP, 2006D);
- Ecological Value of Surface Water Features (MADEP, 2006E);
- Assessing Risk of Harm to Benthic Invertebrates: Update to Section 9.4 of Guidance for Disposal Site Risk Characterization (MADEP, 2006F);
- Freshwater Sediment Toxicity Tests: Update to Section 9 of Guidance for Disposal Site Risk Characterization (MADEP, 2006G); and
- Ecological Value of Surface Water Features: Update to Section 9 of Guidance for Disposal Site Risk Characterization (MADEP, 2006H).

This Stage I ES and Limited Stage II ERC was conducted by Paul J. McManus, LSP, PWS of EcoTec as requested by Response Environmental, Inc. A description of the author's experience and qualifications is attached to this report.

## 2.0 Introduction

The petroleum release to the environment was documented to have occurred at the High School underground storage tank location, where it flowed over the ground surface and partially into the storm drain leading to the stormwater basin. Site Figures depicting sampling locations are provided under separate cover by REI. Potential contaminants of concern ("COCs") include the range of petroleum constituents associated with #2 fuel oil. Based upon discussions with Jeffrey Curtis, LSP of REI, the list of potential COCs at the Site has been determined to be:

- Volatile Petroleum Hydrocarbons ("VPH"); and
- VPH target analytes:
  - Benzene
  - Toluene
  - Ethylbenzene
  - m,p-Xylene
  - o-Xylene
  - Naphthalene
- Extractable Petroleum Hydrocarbons ("EPH");
- #2 fuel oil EPH target analyte Polycyclic Aromatic Hydrocarbons ("PAHs"):
  - Naphthalene
  - 2-Methylnaphthalene
  - Phenanthrene
  - Acenaphthene

The four PAH compounds noted have been identified by Massachusetts DEP as the appropriate EPH target analyte COCs for a release of #2 fuel oil. This distinction is made due to the EPH method's, inclusion of compounds consistent with other petroleum products, including asphalt, which are likely present due to surrounding paved parking areas.

Immediately following the release, REI, and other personnel observed oil sheen within the subject stormwater basin. Remedial measures included placement and collection of oil absorbent pads and booms that were used to collect oil from the basin, and construction of an oil-water separator within a temporary sandbag dam constructed to limit flow off site of free-phase product.

On June 29, 2009, and September 17, 2009 Paul J. McManus, LSP, PWS of EcoTec inspected the Study Area in the company of Stefanie Wood of REI. The inspections included a walking inspection of the affected stormwater basin, with observations of flora and fauna. During the September 17, 2009 inspection, Mrs. Wood, in consultation with Mr. McManus, collected samples of surface water and sediment within the stormwater basin for laboratory analyses (see below for further description of sampling of environmental media).

DEP (1996) notes that terrestrial habitats for which environmental risk must be evaluated are limited to “undeveloped land,” which is noted to include areas with natural vegetation and exclude landscaped areas such as parks and golf courses. At the Site, the point of release at the High School consisted of paved and landscaped areas. These areas would not be considered to be undeveloped land habitat areas requiring environmental risk assessment. At the stormwater basin, the majority of the basin has been conservatively designated as a Pond, and its substrate is therefore considered “sediment.” It is possible that a narrow band of soil around the perimeter of the Pond’s bank could have been affected by oil sheen immediately following the release. If this were true, it is clear that such undeveloped terrestrial area would be well below the 2 acre threshold for which environmental risk must be evaluated in terrestrial areas (DEP, 1996).

In addition to sediment, the stormwater basin also contains surface water, which was visibly impacted by oil sheen immediately following the release. No oil sheen was observed during the inspection of the Site on September 17, 2009, which included significant disturbance of the sediment substrate, by walking and macroinvertebrate sampling. It is EcoTec’s experience that this type of physical disturbance often results in the generation of a sheen when significant residual contamination remains in the sediment. As noted above, this physical activity did not result in the generation of a sheen on September 17, 2009.

The potential environmental receptors identified at the Site are:

1. Sediment of the Pond/ stormwater basin;
2. Surface Water;
3. Naturally vegetated BVW soils bordering the stormwater basin;
4. Flora and fauna inhabiting the above areas.

Based upon an inspection of the release location and downgradient areas by Paul J. McManus, LSP PWS of EcoTec, it is EcoTec’s opinion that the above list of environmental receptors represents the complete list of those potential receptors. This conclusion has considered the potential for migration of the released COCs immediately following the release under conditions observed by REI immediately following the release. The potential environmental receptors are described below, and photographs of the Study Area are attached to this report.

The findings of this Stage I ES are based upon the analytical results from environmental media sampling which are briefly summarized below and presented in detail under separate cover by REI.

### **3.0 Site Evaluation, Wetland Resource Identification, and Environmental Receptors**

Paul J. McManus, LSP, PWS of EcoTec inspected the Study Area on June 29, 2009, and September 17, 2009 in the company of Stefanie Wood of REI to:

- Characterize the environment within the Study Area with respect to habitat types and the presence of Wetland Resource Areas;
- Identify Environmental Receptors;
- Search for overt evidence of ecological harm; and

- Conduct qualitative visual evaluation of flora and fauna, including qualitative sampling of aquatic macroinvertebrates with the stormwater basin/ Pond.

The Study Area is depicted on the attached photographs taken during the Site inspections and on figures of the Site vicinity by REI (under separate cover) which indicate the release location, as well as the environmental sampling locations. During the Site inspection, EcoTec evaluated the Study Area for the presence of wetland resources as defined by: (1) the Massachusetts Wetlands Protection Act (M.G.L. Ch. 131, S. 40; the “Act”) and its implementing regulations (310 CMR 10.00 *et seq.*); and (2) the U.S. Clean Water Act (i.e., Section 404 and 401 wetlands). Wetlands at the Site were not delineated by EcoTec as part of this evaluation. The reader should be aware that the regulatory authority for determining wetland jurisdiction rests with local, state, and federal authorities. The Study Area includes the Wetland Resource Areas described below, which are defined in terms of the Act and Regulations, as well as in ecological terms.

Fuel oil #2 in stormwater runoff discharged to a stormwater catch basin at the High School. This catch basin then transmitted stormwater to the stormwater basin located east of the Middle School via an underground PVC culvert pipe. Under the Wetland Regulations the stormwater basin has conservatively been designated as a Pond, which contains the following Wetland Resource Areas:

- Inland Banks are defined by the Regulations as:  
*“the portion of the land surface which normally abuts and confines a water body. It occurs between a water body and a vegetated bordering wetland and the adjacent flood plain or, in the absence of these, it occurs between a water body and an upland. A bank may be partially or totally vegetated, or it may be comprised of exposed soil, gravel, or stone”* [310 CMR 10.54(2)(a)].
- Land Under Water Bodies and Waterways (“LUW”) is defined as:  
*“the land beneath any creek, river, stream, pond or lake. Said land may be composed of organic muck or peat, fine sediments, rocks, or bedrock”* [310 CMR 10.56(2)(a)]. At the Site, LUW potentially affected by the release is limited to the bottom substrate of the stormwater basin. This substrate consists of mucky sand. Based upon the presence of an obvious delta deposit near the storm drain outfall, it appears that the surficial substrate of the stormwater basin, especially near the drain headwall, consists in large part of winter traction sand deposited on the contributing parking areas.
- Bordering Vegetated Wetland (BVW): is defined under the Regulations as:  
*“...freshwater wetlands which border on creeks, rivers, streams, ponds and lakes. The types of freshwater wetlands are wet meadows, marshes, swamps and bogs. Bordering Vegetated Wetlands are areas where the soils are saturated and/or inundated such that they support a predominance of wetland indicator plants . . .”* [310 CMR 10.55(2)(a)]. The perimeter of the stormwater basin is bounded by a



steep vegetated slope. The bottom portion of this slope is vegetated as a shrub swamp BVW, dominated by alders (*Alnus rugosa*) arrow-wood (*Viburnum recognitum*) and jewel-weed (*Impatiens capensis*). Upper portions of the slope contain an upland (i.e. non-wetland) plant community including brambles (*Rubus* spp.) and a variety of upland weeds.

- **Floodplain/ Bordering Land Subject To Flooding:** In addition to the above Wetland Resource Areas, the Regulations identify the Wetland Resource Area Bordering Land Subject To Flooding (“BLSF”), which is defined as:

*"an area with low, flat topography adjacent to and inundated by flood waters rising from creeks, streams, rivers, ponds, and lakes. It extends from the banks of these waterways and water bodies; where a Bordering Vegetated Wetland occurs, it extends from said wetland"* [310 CMR 10.57(2)(a)1]. Based upon the conservative designation of the stormwater basin as a Pond, areas of flooding above the Bank and BVW would be designated as BLSF. A FEMA Flood Insurance Rate Map FIRMette that includes the Site is attached. This map does not indicate the presence of any mapped floodplain on or near the Site. The subject stormwater basin/ Pond was apparently designed and constructed to capture and control floodwaters. Therefore, the possible presence of flooding outside of the basin berms seems highly unlikely.

The Massachusetts Wetlands Protection Act and Regulations presume that wetlands are significant to the protection of a number of identified Interests of the Act. The Regulatory presumptions of significance for the wetlands in the Study Area are presented below in Table 1.

**Table EcoTec - 1  
Wetland Resource Areas and Presumed Statutory Interests  
Of the Massachusetts Wetland Protection Regulations**

<b>Interest</b>	<b>Bank</b>	<b>BVW</b>	<b>LUW</b>	<b>BLSF</b>
Pub./Priv. Water Supply	X	X	X	
Groundwater Supply	X	X	X	
Flood Control	X	X	X	X
Storm Damage Prevention	X	X	X	X
Prevention of Pollution	X	X	X	
Protection of Fisheries	X	X	X	
Wildlife Habitat	X	X	X	
Protection of Fisheries	X	X	X	

BVW: Bordering Vegetated Wetland

BLSF: Bordering Land Subject To Flooding

LUW: Land Under Water Bodies or Waterways

**Sediment and Soil Definitions:**

The MCP and MADEP (1996) clearly define “sediment” as all detrital and inorganic or organic matter situated on the bottom of lakes, ponds, rivers, streams, the ocean or other surface water

bodies. Sediments are found in fresh water systems, below the upper boundary of a Bank, as defined in 310 CMR 10.54(2) which abuts and confines a water body. For purposes of this evaluation, which includes the designation of the stormwater basin as a Pond, the substrate of the Pond below the Bank (i.e., the flat bottom of the basin) is considered to be “sediment” and the substrate above the Bank, including the shrub swamp and upland portions of the side slopes, is considered “soil” as defined by the MCP at 310 CMR 40.0006 and MADEP (1996).

#### Review for Mapped Habitat of State-Listed Species and Areas of Critical Environmental Concern:

Based upon a review of the *Massachusetts Natural Heritage Atlas*, 13<sup>th</sup> edition, Priority Habitats and Estimated Habitats, valid from October 1, 2008 (Paxton Quadrangle, attached), the Site area is not located within or adjacent to a mapped Priority or Estimated Habitat of Rare Species.

Based upon a review of the appended Area of Critical Environmental Concern (“ACEC”) Statewide Map (EOEA, 2001), the Site is not located within an ACEC (see appended figure). Also, the Site is eventually tributary to Kettle Brook and the associated reservoir system, which is not tributary to any ACEC or Research Reserve on or downstream of the Study Area.

#### **4.0 Methodology and Findings**

In accordance with MADEP (1996), a Stage I ES is used to eliminate from further evaluation those situations in which either (1) the exposures are clearly unlikely to result in environmental harm; or (2) those exposures where environmental harm is readily apparent. In Stage I, the available evidence is evaluated to determine if plants or animals are currently exposed or could be exposed to contamination at or from the disposal site. Exposure pathways are links between a contaminant source and receptors. Complete exposure pathways are those where contamination actually is reaching receptors, such as plants or animals, or is likely to do so in the future.

In accordance with MADEP (1996) this Stage I ES has included four steps: (1) identify potential exposure pathways; (2) determine which identified potential exposure pathways are or could be complete exposure pathways; (3) for each complete exposure pathway determine whether risk of harm is readily apparent; and (4) for complete exposure pathways, determine, through effects-based screening, whether the pathway clearly does not pose a significant risk. Exposure pathways can be eliminated from further consideration if they are determined to be incomplete or if they are determined through effects-based screening not to pose a significant risk. As noted in MADEP (1996) separate procedures have been developed for aquatic habitats and organisms, terrestrial habitats and organisms, and wetland habitats. Additional discussion of the affected habitat types in the Study Area and the methods used in this Stage I ES and Limited Stage II ERC are provided below.

#### **4.1 Potential Exposure Pathways and Determination of Complete Exposure Pathways:**

The following potential ecological exposure pathways were identified in this evaluation:

- Direct contact by plants or animals with released #2 fuel oil constituents; or

- Uptake or ingestion of contaminated media, including sediment, surface water, and soil; or other contaminated biota.

For wetland and terrestrial species, direct contact could potentially include plants and/or animals contacting contaminated soil, surface water or sediment. Uptake or ingestion of contaminated media or biota could potentially occur to aquatic organisms (e.g., amphibians) or terrestrial organisms feeding in the aquatic environment (e.g., ducks feeding on contaminated vegetation or muskrats feeding on contaminated animals). Any of these organisms could potentially contact contaminated surface water. It is EcoTec's opinion that the above represents the list of complete or potentially complete exposure pathways at the Study Area. Immediately following the release, at least a subset of these exposure pathways was presumably complete at the Site. A discussion of observed biological conditions following remediation activities at the Site is presented below.

#### **4.2 Evidence of Readily Apparent Environmental Harm:**

Section 40.0995(3)(b)1 identifies a series of conditions that indicate that significant environmental harm is readily apparent:

- (a) visual evidence of stressed biota attributable to the release at the disposal site, including, without limitation, fish kills or abiotic conditions;
- (b) the existence of oil and/or hazardous material attributable to the disposal site in concentrations which exceed Massachusetts Surface Water Standards promulgated in 314 CMR 4.00, which include USEPA Ambient Water Quality Criteria applied pursuant to 314 CMR 4.05(5)(e); or
- (c) visible presence of oil, tar, or other non-aqueous phase hazardous material in soil within three feet of the ground surface over an area equal to or greater than two acres, or over an area equal to or greater than 1,000 square feet in sediment within one foot of the sediment surface.

Visual observations of the Study Area aquatic communities, and a review of surface water, sediment, and wetland soil analytical data from the Study Area are discussed below.

#### **4.3 Visual Observations for Evidence of Readily Apparent Harm and Visual Evaluation of Biological Conditions:**

On June 29, 2009 and September 17, 2009 Paul J. McManus, LSP, PWS of EcoTec inspected the Study Area. The inspection was conducted during the growing season, when the aquatic and wetland plant communities would be expected to be thriving and environmental impacts from the subject release would be most noticeable. As described below, the evaluation included visual inspection of the receiving wetland system at and downgradient of the point where the released oil left the storm drain outfall. The purpose of the inspection was to evaluate the Study Area for the presence of visual evidence of "readily apparent harm" as well as potentially more subtle indicators of environmental impact.

During the Site inspections, EcoTec made observations of the Study Area's plant community, to look for visual evidence of dead or stressed vegetation that might be attributable to the fuel oil release. In addition, during the inspection, qualitative sampling of the aquatic benthic macroinvertebrate community was made (see below for further discussion regarding Study Area

fauna). During the inspections, with the exception of the roughly 400 square foot area of excavated sediment and soil near the storm drain outfall in the northwest corner of the stormwater basin where rooted vegetation was removed but has begun to recolonize, EcoTec observed no evidence of stressed biota (e.g., dead or stressed plants or animals, or a lack of biota where it would be expected). The plant and animal communities observed within the Study Area were typical assemblages for the hydrologic, substrate, and human alteration conditions observed within the Study Area, and no evidence of stressed natural vegetation that could be attributed to the release was observed. While the possible influence of contamination on the observed plant distribution pattern cannot be eliminated by simple inspection, it also cannot be considered demonstrated in the Study Area outside of the limited areas of the stormwater basin that were affected by physical sediment and soil removal. Additional evaluation of the aquatic community in the Study Area is presented below.

Only minimal contamination was detected in surface water in the original sampling round, and later no surface water contamination was detected (see section 4.5, below); therefore, the Readily Apparent Harm criterion related to exceedence of Ambient Water Quality Criteria was not triggered.

During the June 29, 2009 Site inspection, oil-absorbent booms remained in the stormwater basin. The remaining booms at that location were removed by REI prior to the September 17, 2009 inspection.

No visible areas of non-aqueous phase liquid (“NAPL”) or other obvious signs of contamination were observed within the Study Area at the time of the September 17, 2009 inspection. According to reports of Site conditions immediately following the release, sheens were present on the surface water of the stormwater basin near the storm drain inlet to the basin. No sheens were observed during the September 17, 2009 inspection. It is therefore EcoTec’s opinion that the Readily Apparent Harm criterion related to the presence of visible petroleum or non-aqueous phase hazardous materials is not met in the Study Area.

During the field assessment on September 17, 2009 Paul McManus, LSP, PWS conducted qualitative sampling for benthic macroinvertebrates at two locations:

- Invertebrate Location 1 consists of a ponding area up to approximately 2 feet in depth, immediately adjacent to the headwall where contaminated water was discharged from the storm drain following the release. This area is the location of excavation activities conducted as part of the remediation efforts by REI. As a result, the observed organisms represent post-remediation recolonization; and
- Invertebrate Location 2 consists of an area in the interior of the stormwater basin that is downstream of Location 1 with regard to the flow of surface water from the release location. Location 2 is situated within the cattail marsh, near the edge of an open water area. Location 2 was not physically remediated and had a standing water depth of approximately 6 to 12 inches on the date of the sampling.

The intent of the sampling effort was to determine if benthic macroinvertebrates were present within the sampled areas, and to identify any overt degradation of the macroinvertebrate

community that could be attributed to the disposal site. A brief summary of the value of utilizing aquatic macroinvertebrates for biological monitoring is provided below.

According to Barbour *et al.* (1999), the advantages of using benthic macroinvertebrates for biological monitoring are: (1) benthic macroinvertebrate assemblages are good indicators of localized conditions because of limited migration patterns or a sessile mode of life; (2) many benthic macroinvertebrate species have a complex life cycle of approximately one year or more and the assemblage will integrate the effects of short-term environmental variations; (3) degraded conditions can often be detected by an experienced biologist with only a cursory examination; (4) they are relatively easy to identify to the family level; (5) benthic macroinvertebrate assemblages are made up of species that constitute a broad range of trophic levels and feeding strategies and have a broad range of pollutant tolerances; (6) sampling is easy and has minimal adverse effects on the resident biota; (7) benthic macroinvertebrates serve as the primary source of food for fish; (8) they are abundant in most streams, including low order streams that support limited fish fauna; and (9) biosurvey data collected by many state agencies focus on macroinvertebrates rather than fish.

Macroinvertebrate samples were collected by a series of sweeps with a long-handled aquatic D-frame dip-net equipped with a #30 mesh sieve net. An effort was made to representatively sample the sub-habitat areas at each sampling location, using a roughly similar level of effort. The sampling effort was not rigorously quantified. The netted materials were sorted in the field, and all collected specimens were preserved in the field with ethanol. The benthic macroinvertebrates were identified to Family using appropriate taxonomic keys (Merritt and Cummins, 1996; Peckarsky *et al.*, 1990; Smith, 2001; Voshell, 2002). A brief discussion of the habitat features and a listing of taxa found at each of the three sampling locations are presented below.

The two sampling locations were relatively similar in that they both contained a subset of relatively open water with a mucky bottom, leaf litter, submerged plants, and minimal coarse woody debris. Sediment from Location 1 was dredged as part of the site remediation, and, as such, the habitat features were not be as developed as those found at Location 2 and recolonization by benthic macroinvertebrates may still be ongoing at Invertebrate Sample Location #1.

Benthic macroinvertebrates collected at Invertebrate Location 1 are as follows:

- Caddisfly (Arthropoda, Insecta, Trichoptera, Phryganeidae)
- Water Boatman (Arthropoda, Insecta, Hemiptera, Corixidae)
- Predaceous Diving Beetle larva (Arthropoda, Insecta, Coleoptera, Dytiscidae)
- Scud (Arthropoda, Crustacea, Amphipoda, Talitridae)
- Physid Snail (Mollusca, Gastropoda, Pulmonata, Physidae)
- Viviparid Snail (Mollusca, Gastropoda, Prosobranchia, Viviparidae)

Benthic macroinvertebrates collected at Invertebrate Location 2 are as follows:

- Dragonfly (Arthropoda, Insecta, Odonata, Aeshnidae)
- Damsel fly (Arthropoda, Insecta, Odonata, Coenagrionidae)

- Water Boatman (Arthropoda, Insecta, Hemiptera, Corixidae)
- Backswimmer (Arthropoda, Insecta, Hemiptera, Notonectidae)
- Midge (Arthropoda, Insecta, Diptera, Chironomidae)
- Phantom Midge (Arthropoda, Insecta, Diptera, Chaoboridae)
- Rat-tail Maggot (Arthropoda, Insecta, Diptera, Syrphidae)
- Scud (Arthropoda, Crustacea, Amphipoda, Talitridae)
- Physid Snail (Mollusca, Gastropoda, Pulmonata, Physidae)
- Viviparid Snail (Mollusca, Gastropoda, Prosobranchia, Viviparidae)
- Crayfish (Arthropoda, Crustacea, Decapoda, Cambaridae)

As a preface to any analysis of the results of the above macroinvertebrate sampling, it must be noted that the sampling effort was qualitative in nature. More detailed benthic macroinvertebrate evaluations can be conducted using semi-quantitative to quantitative sampling methods with a sample size of 100 or more organisms per sample location. As such, it is important not to over-analyze the data and the calculation of any formal indices (e.g., Community Taxa Similarity Index, Family Biotic Index, or Functional Trophic Groups) using this data could be misleading. However, based upon the collected specimens, certain generalizations may be stated.

Six to ten benthic macroinvertebrate Families from six Orders were collected within each of the sampled areas. Overall, based upon the pollution tolerances reported in the literature for the observed taxa, with the exception of the Aeshnid dragonflies which are less tolerant of pollution (Hicks and Nedeau, 2000; Mandaville, 2002) and were found at Location 2, the remaining collected specimens at both sampling locations are indicative of a somewhat impaired aquatic ecosystem. Such a finding is relatively typical in streams and ponds located in developed suburban areas. The apparent impairment is likely due to typical effects of a suburban watershed: nutrient inputs, possibly other pollutant inputs from road runoff, and other activities in the watershed. The subject stormwater basin receives input from a large area of heavily travelled pavement, and is likely subject to pulses of very warm water, roadway pollutants, and salt. As such, even in the absence of the subject release of #2 fuel oil, this environment is considered to be very stressful to aquatic organisms.

As noted above, six Families were collected at Location 1 and ten Families were collected at Location 2. An area with a higher diversity of aquatic invertebrates may indicate the presence of better habitat features or may be considered to be in a better environmental condition than an area that supports only a few taxa. Invertebrate density will generally decrease with a loss of habitat, siltation, low pH, and toxic substances. The slight reduction in the number of Families observed at Location 1 compared to Location 2 may likely be explained by the recent sediment removal and habitat alteration that occurred at Location 1 during remediation activities or by Location 1's close proximity to the storm drain input into the basin/ Pond.

It is EcoTec's opinion that the qualitative macroinvertebrate sampling does not indicate or suggest the presence of overt evidence of environmental harm or a more subtle impact attributable to the subject release of #2 fuel oil.

#### **4.5 Surface Water Medium:**

Section 9.4 of MADEP (1996) establishes a decision diagram to be followed in characterizing risks in marine and aquatic environments. In general, the first step in any risk assessment is the comparison of water concentrations observed on the site to background concentrations. Section 40.0902(3) of the MCP states that background concentrations constitute a condition of no significant risk of harm to health or the environment. If background concentrations are exceeded, the site concentrations are next compared to "Local Conditions." If site concentrations are consistent with "Local Conditions," no further assessment is required. If site concentrations are elevated relative to background and "Local Conditions," the assessment should proceed to Stage I ES effects-based screening. If site concentrations are all below the effects-based screening criteria or benchmarks, no significant exposure pathway exists and no further assessment or remediation of the surface water is required. If site related oil or hazardous materials are present above the screening criteria or benchmarks, the risk of harm from exposure to the surface water must be evaluated in a Stage II Environmental Risk Characterization.

REI sampled surface water on the Site within the Pond/ stormwater basin on June 23, 2009 (4 days after the release) and on September 17, 2009 (2 months after the release). Detailed laboratory results are provided under separate cover by REI. Surface water from the initial sampling revealed the presence of concentrations of aliphatic and aromatic hydrocarbons and VPH target compounds. The September surface water sample was analyzed for VPH and EPH hydrocarbons, plus target analytes, with no contamination detected. Laboratory reporting limits for these analyses were sufficiently low to detect contaminant concentrations at concentrations exceeding appropriate screening benchmarks:

- For target analytes: *Lowest Chronic Value for All Organisms* from Suter and Tsao (1996);
- For VPH and EPH hydrocarbon ranges: *Final Chronic Value* for each hydrocarbon range from Battelle (2007).

EcoTec considers these values to be suitably analogous standards for use as surface water sediment screening benchmarks under the MCP. Therefore, based upon these values as screening benchmarks, the lack of detected COC concentrations in surface water indicates the lack of significant environmental risk in surface water.

#### **4.6 Identification of Sediment and Soil Media:**

It is EcoTec's opinion that samples of substrate located above the obvious break in slope around the perimeter of the stormwater basin ("Pond") are considered "soil" under the MCP. This includes the fringe of shrub swamp vegetation as well as areas further upgradient that are vegetated with upland plant species. Section 9.6.1 of MADEP (1996) states that exposures to contaminated soil should be made with reference to Section 9.5 on terrestrial habitats and organisms. Section 9.5 of MADEP (1996) establishes a decision diagram to be followed in characterizing risks in terrestrial environments. In general, the first step in any risk assessment is the comparison of soil concentrations observed on the site to site specific or published background (MADEP, 2002) concentrations. Section 40.0902(3) of the MCP states that background concentrations constitute a condition of no significant risk of harm to health or the environment. If background concentrations are exceeded, a determination is then made of possible exposure to rare wildlife or contaminant transport from surface soil to an ACEC or

Research Reserve. If exposure of rare wildlife or contaminant transport from surface soil to an ACEC or Research Reserve is possible, a Stage II Environmental Risk Characterization should be conducted. The Study Area includes developed and undeveloped uplands and undeveloped wetlands. There is no ACEC or Research Reserve on or downgradient of the Study Area (see appended ACEC Statewide Map).

Similarly, the Site is not located within or adjacent to any area mapped as Priority or Estimated Habitat for state-listed species, and no certified vernal pools are located on or near the Site (NHESP, 2008).

#### **4.6.1 Soil Medium:**

If exposure to rare species or transport to an ACEC or Research Reserve is not possible, the size of the undeveloped portion of the affected soil area should be determined. If an affected terrestrial (soil) area is less than 2 acres, no further assessment is necessary. Site contamination to undeveloped areas was limited to the discharge of oily water into the stormwater basin. This may have included a narrow band around the perimeter of the basin that would be designated as soil, and possible approximately 100 sf where foot traffic and handling of remediation waste by remediation workers may have caused minor additional terrestrial impact. However, it is clear that considering all potentially impacted soil, the area of undeveloped soil contamination would be only a narrow fringe, encompassing only several hundred to several thousand square feet. Thus, it is EcoTec's opinion that Site contamination did not impact an area of soil in excess of 2 acres. Thus, no further assessment of the soil medium is necessary and a lack of significant environmental impact can be concluded for the soil medium.

#### **4.6.2 Sediment Medium:**

As discussed above for surface water, Section 9.4 of MADEP (1996) establishes a decision diagram to be followed in characterizing risks in aquatic environments from sediment contamination. In general, the first step in any risk assessment is the comparison of sediment concentrations observed on the site to background and "Local Condition" concentrations. Section 40.0902(3) of the MCP states that background concentrations constitute a condition of no significant risk of harm to health or the environment. If background concentrations are exceeded, the site concentrations are next compared to "Local Conditions." If site concentrations are consistent with "Local Conditions," no significant exposure pathway exists and no further assessment is required.

At the Site, EcoTec assumes for purposes of this evaluation that background concentrations of all COCs are zero. Therefore, any detected contamination is presumed to be inconsistent with background. REI collected samples of sediment on the Site and analyzed those samples for COCs potentially attributable to #2 fuel oil. The initial sampling round of sediments occurred on 8/7/2009 (samples S-1 through S-4 are sediment; sample S-5 is a soil sample):

- Extractable Petroleum Hydrocarbons ("EPH");
- EPH target analytes;
- Volatile Petroleum Hydrocarbons ("VPH");



**Table EcoTec-3**  
**Sediment Concentrations, MADEP Benchmarks and Site-Specific Benchmarks (mg/Kg)**  
**In accordance with Battelle, 2007**

NOTE: Results in parentheses are split samples by CJW

Site-specific Mean Foc: (from Table EcoTec-2) 0.007

Constituent	Log Kow	Log Koc	Koc	FCV	Site-Spec B'mark	MADEP B'Mark	Sample Concentrations												
							S-1	S-2	S-3	S-4	S-5=Soil	9/17-A	9/17-B	9/17-C	9/17-D				
VPH																			
C5-C8 Aliphatics	4.12	3.87	7,368	218	10.60		<1.18	<1.47(<38)	<1.16	<1.11(<23)	<1.17								
C9-C12 Aliphatics	6.01	5.64	436,697	6.3	18.16		<0.394	<4.91(<25)	<0.386	<3.7(<16)	<3.9								
C9-C10 Aromatics	3.84	3.60	4,025	59.4	1.58		<0.394	<4.91(<25)	<0.386	<3.7(<16)	<3.9								
Benzene	2.13	2.00	100	1191	0.79		<0.0789	<0.98(<13)	<0.77	<0.74(<0.78)	<0.78								
Ethylbenzene	3.13	2.94	868	1191	6.83		<0.0789	<0.98(<13)	<0.77	<0.74(<0.78)	<0.78								
Naphthalene	3.37	3.16	1,458	288	2.77		<0.0789	<0.98(<13)	<0.77	<0.74(<0.78)	<0.78								
Toluene	2.69	2.53	336	1955	4.33		<0.0789	<0.98(<13)	<0.77	<0.74(<0.78)	<0.78								
m,p-Xylene	3.18	2.99	967	1191	7.60		<0.158	<1.97(<25)	<1.54	<1.48(<13)	<1.56								
o-Xylene	3.15	2.96	907	1191	7.13		<0.0789	<0.98(<13)	<0.77	<0.74(<0.78)	<0.78								
EPH																			
C9-C18 Aliphatics	7.32	6.87	7,395,372	0.4	19.52		<12.9	<14.9(<16)	<12.5	<11.9(<12)	<12.8								
C19-C36 Aliphatics	11.64	10.92	83,391,157,107	0.0001	55.04		<12.9	<14.9 (17)	<12.5	<11.9(<12)	<12.8								
C11-C22 Aromatics*	4.81	4.51	32,702	2.8	0.60		<12.9	<14.9(<16)	<12.5	<11.9(<12)	<12.8								
Naphthalene	3.37	3.16	1,458	46.2	0.44	0.18	<0.0428	<2.5(<0.9)	<2.16	<4.06(<0.37)	<0.429	<0.247	<0.255	<0.224	<0.224	<0.224	<0.201	<0.201	<0.201
2-Methylnaphthalene	3.86	3.62	4,202	46.2	1.28		<0.0428	<2.5(<0.9)	<2.16	<4.06(<0.37)	<0.429	<0.247	<0.255	<0.224	<0.224	<0.224	<0.201	<0.201	<0.201
Acenaphthene	3.92	3.68	4,784	46.2	1.46		<0.0428	<2.5(<0.9)	<2.16	<4.06(<0.37)	<0.429	<0.247	<0.255	<0.224	<0.224	<0.224	<0.201	<0.201	<0.201
Phenanthrene	4.36	4.09	12,373	5.2	0.42	0.20	<0.0428	<2.5 (0.42)	<2.16	<4.06(<0.003)	<0.429	<0.247	<0.255	<0.224	<0.224	<0.224	<0.201	<0.201	<0.201

\* = Compounds in the C16 - C24 Aromatic Hydrocarbon range are not likely toxic because mean LC50 exceeds mean aqueous solubility (Battelle, 2007).

Foc = Fraction Organic Carbon

Kow = Octanol-water partition coefficient (Battelle, 2007)

Koc = Organic carbon-water partition coefficient (Battelle, 2007)

FCV = Final Chronic Value (Battelle, 2007)

CJW = Cushing, Jamallo, and Wheeler, Inc.

- VPH target analytes;
- Percent solids.

In addition, Cushing, Jammallo, and Wheeler Inc. (“CJW”) collected and analyzed for similar parameters split samples at several sample locations as part of project oversight. In order to further define the extent of possible sediment contamination, follow-up sampling (post-remediation) by REI occurred on 9/17/2009 (samples 9/17-A through 9/17-D) with analyses for semivolatiles by Method 8270 SIM and Total Organic Carbon (“TOC”). Sample locations are depicted on REI Figure 3, under separate cover.

Sample analysis laboratory reports are provided under separate cover by REI and summarized in Table EcoTec-2 and Table EcoTec-3. Table EcoTec-3 presents DEP-established benchmarks for the COCs for which such benchmarks have been established (Table 2, MADEP, 2006C):

- Naphthalene: 0.18 mg/Kg;
- Phenanthrene: 0.2 mg/Kg.

Table EcoTec-3 also contains site-specific sediment screening benchmarks calculated in accordance with Battelle (2007) based upon observed TOC concentrations (Table EcoTec-2). EcoTec has calculated Site-specific sediment screening benchmarks for all Site COCs, including EPH and VPH carbon ranges as well as target compounds in accordance with Battelle (2007), as part of this Limited Stage II Environmental Risk Characterization, in order to account for Site-specific conditions. The Battelle (2007) methodology for calculating site-specific benchmarks employs contaminant sediment-water partitioning coefficients and conservative aquatic toxicity values for EPH and VPH hydrocarbon fractions and numerous individual hydrocarbon compounds, and calculates a Final Chronic Value (“FCV”) for each included hydrocarbon range and compound.

**Table EcoTec-2**  
**Total Organic Carbon (TOC: mg/Kg) and**  
**Fraction Organic Carbon (Foc)**

Sample ID	TOC (mg/Kg)	FOC
9/17-A	6,990	
9/17-B	2,360	
9/17-C	1,920	
9/17-D	15,000	
<b>Mean Site Sediment</b>	<b>6,568</b>	<b>%0.66 Foc = 0.0066</b>

As noted on Table EcoTec-3, the only site-related COC that was detected was C19-C36 Aliphatics (CJW split sample) at station S-2. The observed concentration of 17 mg/Kg is less than the site-specific benchmark of 55.04 mg/Kg. At all sample locations, detection limits were lower than the applicable site-specific benchmarks. Based upon this finding, EcoTec concludes that there is no significant risk to the environment in the sediment medium.

Furthermore, sediment sampling and laboratory analyses indicate that sediment contamination does not comprise more than 1,000 sf or 10% of the site sediment area. In accordance with

MADEP (2006A) even if sediment concentrations exceeded applicable benchmarks, but was confined to an area below these size thresholds, it would allow for a conclusion that there was not significant environmental risk in the sediment medium:

*“For rivers and streams, an area of sediment contamination may be eliminated from the ecological risk assessment if the entire extent of sediment contamination at the site:*

- *Covers less than 1,000 square feet,*
- *Does not extend more than 50% of the width of the river or stream; and*
- *Does not extend more than 500 linear feet along the length of the river or stream.”*

#### Sediment Summary:

Laboratory analyses of sediment samples revealed detectable COCs at only one sample location (C19-C36 Aliphatics at sample S-2). The observed concentration is lower than the Site-specific benchmark. For all non-detected COCs, laboratory reporting limits are lower than the associated COC site-specific benchmarks. In addition, laboratory analyses indicate that the area of sediment contamination is within the size threshold for concluding that there is not significant risk in sediment, even if there were benchmark exceedences. Thus, EcoTec concludes that there is not significant environmental risk in sediment.

#### **5.0 Evaluation of Imminent Hazard to the Environment**

The MCP [310 CMR 40.0955(3)] requires that an evaluation of possible Imminent Hazard conditions be conducted. The MCP states that the following conditions shall constitute an Imminent Hazard to the environment:

- (1) evidence of stressed biota attributable to the release at the disposal site, including, without limitation, fish kills or abiotic conditions; or
- (2) a release to the environment of oil or hazardous material which produces immediate or acute adverse impacts to freshwater or saltwater fish populations.

No evidence of either of the above conditions was observed during the Site inspections by EcoTec, which were conducted during the growing season. This timing would have allowed for any impacts to Site vegetation to be observed. No such impacts were observed, and a relatively diverse (given the biologically stressful urban setting) macroinvertebrate community was observed. Therefore, it is EcoTec’s opinion that there is no evidence of an Imminent Hazard to the environment at the Site from the subject release.

#### **6.0 Substantial Hazard Evaluation**

Section 40.0006 of the MCP defines Substantial Hazard as “...a hazard which would pose a significant risk of harm to health, safety, public welfare, or the environment if it continued to be present for several years.” Section 40.0956(2) of the MCP requires that: “The focus of an Ecological Substantial Hazard Evaluation shall be on any environmental resource areas, such as wetlands, aquatic and terrestrial habitats, and fisheries, that exist at a site. A condition of No

Substantial Hazard to the Environment would exist if steps have been taken to eliminate or mitigate any of the following conditions affecting an environmental resource at a site:

- (a) Evidence of stressed biota attributable to the release at the disposal site, including, without limitation, fish and wildlife kills or abiotic conditions;
- (b) The visible presence of oil, tar or other non-aqueous phase hazardous material in soil within three feet of the ground surface over an area equal to or greater than two acres, or over an area equal to or greater than 1,000 square feet in sediment within one foot of the sediment surface;
- (c) Continuing discharge of contaminated groundwater to surface water where the levels of the oil or hazardous material attributable to the release already exceed Massachusetts Surface Water Standards (MADEP, 1998);
- (d) Continuing discharge of contaminated groundwater to surface water where surface water and/or sediment concentrations of Oil and/or Hazardous Material attributable to the release already pose a significant risk;
- (e) Migration of oil or hazardous material to additional environmental media or resource area where resultant exposures would have the potential to pose a significant risk of harm in the future; or
- (f) Ecological risk or harm such that recovery would be substantially more difficult or would require more time if conditions were to remain unremediated for even a short period of time.

No evidence of any of the conditions noted above was observed by EcoTec. Based upon the lack of all of the conditions noted above, it is EcoTec's opinion that there is no evidence of an Ecological Substantial Hazard at the Study Area.

### **7.0 Comparison To Upper Concentration Limits**

The Upper Concentration Limits ("UCLs") in the MCP have been promulgated for soil and groundwater for a number of oil and hazardous materials. No UCLs are exceeded at the Site for current concentrations of Site COCs. UCLs have not been promulgated for surface water or sediment.

### **8.0 Conclusions**

This investigation revealed no evidence of an Imminent Hazard, Substantial Hazard, or readily apparent harm within the surface water, sediment, or soil media at the Site based upon the September 17, 2009 Site inspection and associated sampling of environmental media. Furthermore, EcoTec concludes, based upon Site inspections, a review of analytical data, comparisons to MADEP and Site-specific benchmarks, and qualitative evaluations of flora and fauna, that conditions at the Site do not represent a significant risk to the environment as defined by the MCP in surface water, sediment, or soil.

## 9.0 References

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- Averaging Area For Benthic Invertebrate Assessments: Update to Section 9 of Guidance for Disposal Site Risk Characterization (MADEP, 2006B);
- Revised Sediment Screening Values Update to Section 9 of Guidance for Disposal Site Risk Characterization (MADEP, 2006C);
- Assessment Endpoints For Benthic Invertebrates: Update to Section 9.3.2.1 of Guidance for Disposal Site Risk Characterization (MADEP, 2006D);
- Ecological Value of Surface Water Features (MADEP, 2006E);
- Assessing Risk of Harm to Benthic Invertebrates: Update to Section 9.4 of Guidance for Disposal Site Risk Characterization (MADEP, 2006F);
- Freshwater Sediment Toxicity Tests: Update to Section 9 of Guidance for Disposal Site Risk Characterization (MADEP, 2006G);
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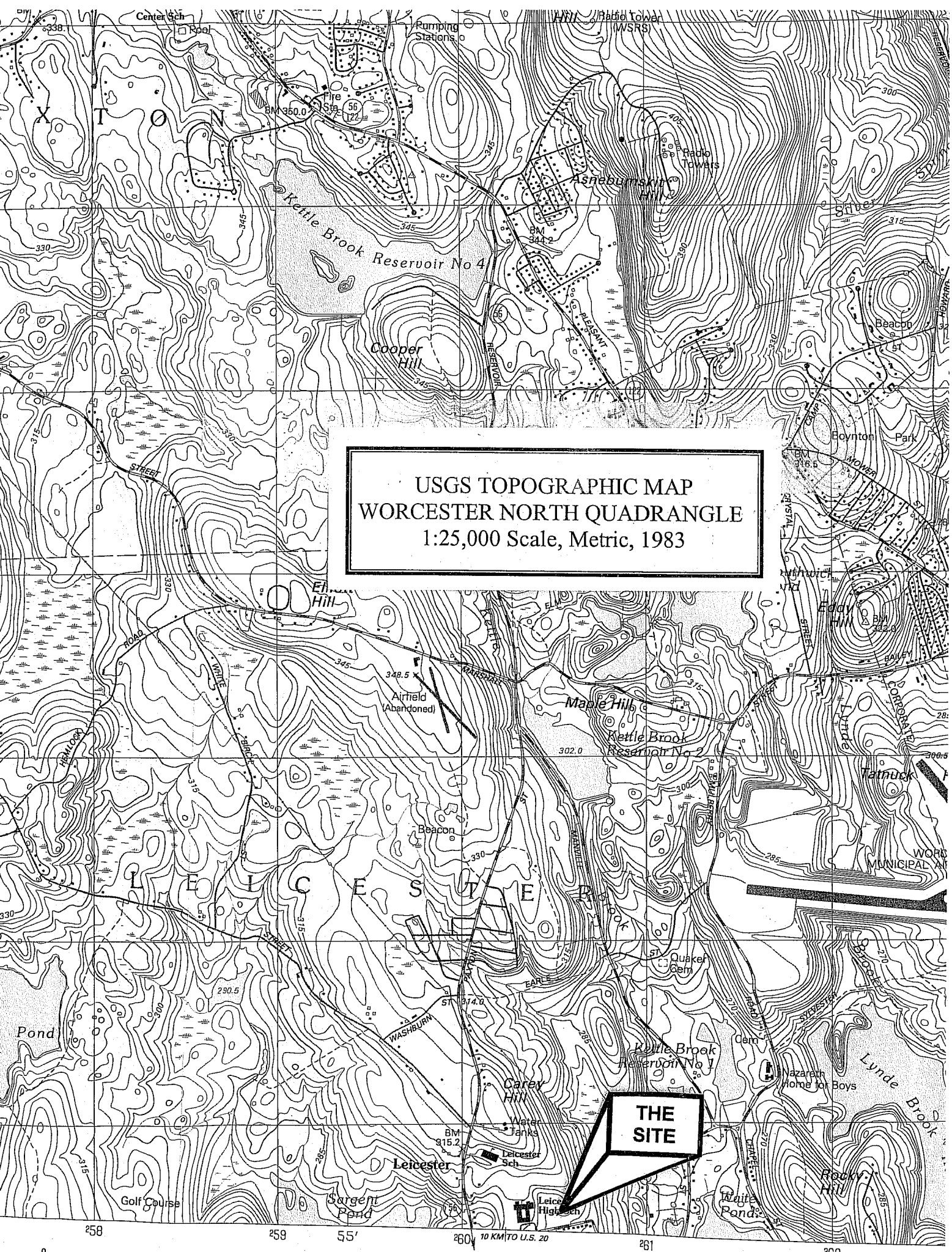
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USGS TOPOGRAPHIC MAP  
WORCESTER NORTH QUADRANGLE  
1:25,000 Scale, Metric, 1983

THE SITE

258

259

55'

260

10 KM TO U.S. 20

261

262

Center Sch

Pumping Stations

Radio Tower (WSRS)

BM 350.0

BM 344.2

Cooper Hill

Asheburns Hill

Boynton Park

Elm Hill

Airfield (Abandoned)

Maple Hill

Beacon

Worcester Municipal Airport

Pond

WASHBURN

Quaker Gem

Golf Course

Sargent Pond

Leicester

Leicester High Sch

Nazareth Home for Boys

Lynde Brook

White Ponds



**Priority Habitats and Estimated Habitats - Effective October 1, 2008**  
*Priority Habitats for use with the MA Endangered Species Act Regulations (321 CMR 10)*  
*Estimated Habitats for use with the MA Wetlands Protection Act Regulations (310 CMR 10)*

Produced by the Natural Heritage & Endangered Species Program


website: [www.nhesp.org](http://www.nhesp.org)



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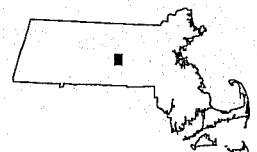
**Priority Habitat of Rare Species**

 **Priority Habitat of Rare Species and also Estimated Habitat of Rare Wildlife**

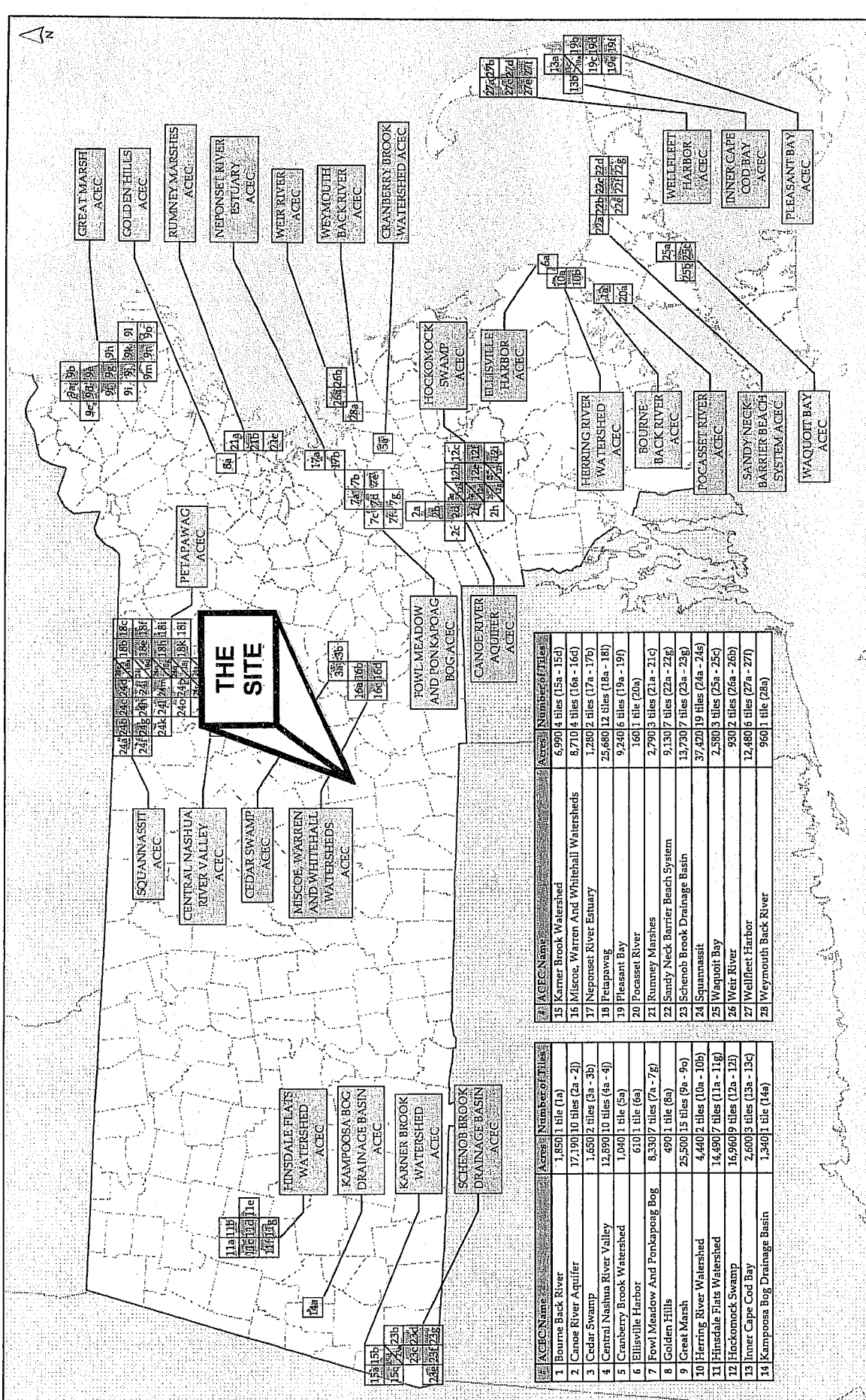
**\* Certified Vernal Pool (as of July 31, 2008)**



Paxton Quad







- ACEC Individual Map Tiles
- Doubled Map Tile (see note)
- ACECs

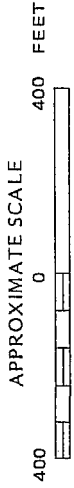
For more information:  
[www.mass.gov/dcr/stewardship/acec](http://www.mass.gov/dcr/stewardship/acec)

## Massachusetts Department of Conservation and Recreation Areas of Critical Environmental Concern (ACEC) Program

This index map shows Massachusetts ACECs with numbered squares depicting the locations of individual map tiles. The individual map tiles use 1:24,000 USGS Topographic Quad maps with ACEC boundaries superimposed. In some cases, doubled map extents were necessary where two ACECs appear in a single map tile. These map tiles (which have a diagonal line through them) were used twice, once for each ACEC. Please note, in most cases the level of map information and ACEC sizes do not allow the viewing of entire ACECs on a single map tile.

ACEC Name	Acres	Number of Tiles
1 Bourne Back River	1,850	1 tile (1a)
2 Canoe River Aquifer	17,190	10 tiles (2a - 2j)
3 Cedar Swamp	1,650	2 tiles (3a - 3b)
4 Central Nashua River Valley	12,890	10 tiles (4a - 4f)
5 Cranberry Brook Watershed	1,040	1 tile (5a)
6 Ellenville Harbor	610	1 tile (6a)
7 Fowl Meadow And Pontkapong Bog	8,330	7 tiles (7a - 7g)
8 Golden Hills	490	1 tile (8a)
9 Great Marsh	25,500	15 tiles (9a - 9c)
10 Herring River Watershed	4,440	2 tiles (10a - 10b)
11 Hinesdale Flats Watershed	14,490	7 tiles (11a - 11g)
12 Hockonock Swamp	16,960	9 tiles (12a - 12i)
13 Inner Cape Cod Bay	2,600	3 tiles (13a - 13c)
14 Kamposoa Bog Drainage Basin	1,340	1 tile (14a)
15 Kame Brook Watershed	6,990	4 tiles (15a - 15d)
16 Miscob, Warren And Whitehall Watersheds	8,710	4 tiles (16a - 16d)
17 Neponset River Estuary	1,280	2 tiles (17a - 17b)
18 Petapawag	25,680	12 tiles (18a - 18l)
19 Pleasant Bay	9,240	6 tiles (19a - 19f)
20 Pocasset River	160	1 tile (20a)
21 Rumney Marshes	2,790	3 tiles (21a - 21c)
22 Sandy Neck Barrier Beach System	9,130	7 tiles (22a - 22g)
23 Schenob Brook Drainage Basin	13,730	7 tiles (23a - 23g)
24 Squannassit	37,420	19 tiles (24a - 24s)
25 Waquoit Bay	2,530	3 tiles (25a - 25c)
26 Weir River	930	2 tiles (26a - 26b)
27 Wellfleet Harbor	12,480	6 tiles (27a - 27f)
28 Weymouth Back River	960	1 tile (28a)

ACEC Name	Acres	Number of Tiles
1 Finsdale Flats Watershed	1,850	1 tile (1a)
2 Kamposoa Bog Drainage Basin	1,340	1 tile (14a)
3 Kame Brook Watershed	6,990	4 tiles (15a - 15d)
4 Fowl Meadow And Pontkapong Bog	8,330	7 tiles (7a - 7g)
5 Golden Hills	490	1 tile (8a)
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11 Kamposoa Bog Drainage Basin	1,340	1 tile (14a)



NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

TOWN OF  
LEICESTER,  
MASSACHUSETTS  
WORCESTER COUNTY

PANEL 4 OF 8  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER  
250313 0004 C

EFFECTIVE DATE:  
JULY 5, 1982



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-WIT Ch-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)

WILSON STREET

WILSON STREET

ZONE C

NORTH MAIN STREET

56

STREET PAXTON

PHOTOGRAPHS TAKEN DURING INSPECTION ON 9/17/2009



Headwall at Invertebrate Sampling Location 1



Invertebrate Sampling Location 2



North Side of Pond/ Stormwater Basin at Transition Slope



View to North of Stormwater Basin/ Pond



# EcoTec, Inc.

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## ENVIRONMENTAL CONSULTING SERVICES

102 Grove Street  
Worcester, MA 01605-2629  
508-752-9666 • Fax: 508-752-9494

**Paul J. McManus, LSP, PWS**  
**President**

Paul McManus is the President and owner of EcoTec, Inc., which he founded in 1990. He has received certification as a Professional Wetlands Scientist from the Society of Wetlands Scientists, the leading professional organization in the field. Mr. McManus is also a Massachusetts-certified Licensed Site Professional with experience in the assessment and remediation of contamination by oil or hazardous materials. His work in this field has included a wide range of site assessment and remediation projects, but has focused on ecological risk assessment at contaminated sites, including Stage I and Stage II Environmental Risk Evaluations at sites of oil and hazardous materials releases to a variety of marine and fresh water environments, including rare species habitats. Prior to the founding of EcoTec, Mr. McManus was employed as the Senior Scientist at Harborline Engineering Inc. of New Bedford, MA and served for several years as a project manager at the Gulf of Maine Research Center Inc. in Salem, MA. His experience also includes employment as an aquatic ecologist at the Massachusetts Division of Water Pollution Control. Mr. McManus has a wide variety of environmental consulting experience, including lake and stream impact and environmental risk assessment, wildlife habitat evaluation, oil and hazardous materials assessment and remediation, wetland evaluation and delineation, and a variety of other types of environmental impact assessment. Included among the major wetland permitting projects he has completed are detailed wetland community surveys and impact restoration specifications for several miles of sewer pipeline crossings of the Fowl Meadow wetland, a designated "Area of Critical Environmental Concern" (ACEC) and the MWRA's Norumbega Reservoir property in Weston, where he was project manager for the related town-wide off-site vernal pool mitigation evaluation, and authored the project's wetland mitigation program, including vernal pool mitigation. He has directed hundreds of other wetlands projects at sites including large and small residential and commercial developments. These projects included all phases of wetlands work: delineation, permitting, as well as mitigation design/ implementation, and monitoring. Additional projects he has directed include major biological and chemical sampling programs in Boston and Salem Harbors. Mr. McManus has served as consultant on behalf of government, industry, major utility companies, the development community, conservation commissions, and concerned citizens' groups. He presently serves on a regular basis as technical wetlands consultant for the Town of Dover Conservation Commission, and works regularly for other Conservation Commissions when project scale or complexity necessitates expertise beyond that generally available to the Commissions.

**Education:** Master of Science: Applied Marine Ecology  
University of Massachusetts/Boston, 1988  
Bachelor of Arts: Biology (Ecology emphasis)  
Holy Cross College, Worcester, MA, 1984  
U.S. Fish and Wildlife Service: Habitat Evaluation Procedure (HEP) Certification  
Massachusetts Division of Water Pollution Control: Algal Assay (eutrophication) Short Course

**Professional Affiliations:** Society of Environmental Toxicology and Chemistry (SETAC)  
Society of Wetland Scientists (President of the New England Chapter)  
Massachusetts Association of Conservation Commissioners  
Association of Massachusetts Wetlands Scientists  
Soil and Water Conservation Society

**Certifications:** Society of Wetlands Scientists Professional Wetlands Scientist # 962  
Commonwealth of Massachusetts Licensed Site Professional # 5711  
OSHA Health & Safety Hazardous Waste Safety Training, 29 CFR 1910.120 (40 hr & refresher)

# Response Environmental, Inc.

October 16, 2009

Board of Selectmen  
Town of Leicester  
3 Washburn Square  
Leicester, MA 01524

Board of Health  
Town of Leicester  
3 Washburn Square  
Leicester, MA 01524

Mr. Michael Knox  
Cherry Valley & Rochdale Water District  
P.O. Box 138  
Rochdale, MA 01542

**Re: Notice of Availability of A-2 RAO  
Release Tracking Number 2-17553  
#2 Fuel Oil Release  
174 Paxton Street, Leicester, MA**

In accordance with the Public Notification requirements of the Massachusetts Contingency Plan (MCP), Response Environmental Inc. (REI) respectfully advises that all response actions relative to the above referenced release have been completed in accordance with MassDEP regulations. An A-2 Response Action Outcome Statement and Report has been completed and is available for online viewing at the MassDEP website, [www.ma.gov/dep](http://www.ma.gov/dep) via their site viewer function.

The report details actions taken in response to an overfill of an 8,000-gallon underground storage at the site. The release affected soils and asphalt in the immediate area of the UST. Fuel oil migrated across the asphalt due to grading and rain at the time of the release, ultimately impacting a catchbasin which drains to a retention pond in another portion of the school complex. Initial response actions recovered the majority of free product released and subsequent assessment activities delineated the soil and surface water impact areas. Through deployment of absorbents and the excavation of impacted soil post-excavation, soil analytical results display achievement of S-1 standards throughout the site. Although initially surface water in the retention basin was affected by the release, laboratory analysis has confirmed no detrimental effect to surface water quality remains. Groundwater was not affected by the release. Therefore, a condition of No Significant Risk to Human Health has been achieved at the site and no further action is required. Additionally, a Stage One Ecological Risk assessment and Limited Stage II Environmental Risk Characterization was conducted to evaluate the effect to the retention basin as an ecological resource area. This activity concluded that No Significant Risk to the Environment has been achieved, as well.

If you have any questions or comments please feel free to contact me at (508) 795-0110.

Sincerely,



Jeffrey Curtis, LSP  
Project Manager

cc: IRAP Submittal



SCANNED

RELEASE TRACKING NUMBER  
2-11039



## Immediate Response Action Completion Response Action Outcome Statement

174 Paxton Street  
Leicester, MA  
MA-DEP RTN 2 - 11039  
CEA Ref. # 2740-95  
25 September 1996

### Party Assuming Responsibility for the Immediate Response Action:

Peterson Oil Services, Inc.  
490 Millbury Street  
Worcester, MA 01607  
Howard Peterson, Jr. Vice President  
508-757-2733

### LSP Performing Immediate Response Action:

Steven M Migridichian, P.G. License # 1959  
Corporate Environmental Advisors, Inc.  
127 Hartwell Street  
West Boylston, MA 01583 508-835-8822

### Consultant Performing the Immediate Response Action:

Corporate Environmental Advisors, Inc. (CEA)  
Christopher D. Glod Project Manager  
Glenn S. Goral Director of Remediation  
127 Hartwell Street  
West Boylston, MA 01583 508-835-8822

127 HARTWELL STREET  
WEST BOYLSTON, MA 01583  
PHONE: 508-835-8822  
FAX: 508-835-8812

REMEDATION  
L.S.P. SERVICES  
SITE ASSESSMENTS  
EMERGENCY RESPONSE

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- Attachment 1 - Groundwater Analytical Results - December 18, 1995
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- Attachment 5 - Groundwater Analytical Results - September 6, 1996
- Attachment 6 - Uniform Hazardous Waste Manifest
- Attachment 7 - Public Notification Submittals



## 1.0 Introduction:

### 1.1 Description of the Release, Site Conditions and Surrounding Receptors:

On 13 December 1995, at approximately 18:30 hours, Peterson Oil Service, Inc. (Peterson) mistakenly delivered approximately 8 to 10-gallons of #2 fuel oil to a monitoring well at the Leicester High School. The 4-inch monitoring well, located on the tank pad, was mistaken for a fill line for an 8,000-gallon underground storage tank (UST). The oil truck driver realized that it was not a UST when oil began to spray from the top of the PVC well riser. A Site Locus Map is provided as **Figure 1**, and a Site Layout is presented as **Figure 2**.

At 07:15 hours on 14 December 1995, Mr. Carl Wicklund of the Leicester School Department notified Peterson of the release who subsequently notified their insurance carrier. CEA personnel immediately responded to the incident and determined that the release met the inclusionary criteria of a "Two-Hour Notification" as promulgated in 310 CMR 40.0311 (3) of the Massachusetts Contingency Plan (MCP). Notification of the release was provided to Mr. Robert Dunn of the Massachusetts Department of Environmental Protection (MA-DEP) on 14 December 1995 at 10:30 hours. At the time of notification, Mr. Dunn provided verbal approval to evacuate oil/groundwater from the impacted well and place in 17H DOT drums, pending future disposal.

The site, which is located in the northern section of the Town of Leicester, is presently occupied by the Leicester High School. Surrounding properties in the immediate area are generally comprised of other schools or residential properties. According to MA-GIS groundwater quality map for the Paxton Quadrangle, the site is located within one mile of the a municipal water supply well and within the delineated Zone II of the supply well. In accordance with 310 CMR 40.0932(4)[a], groundwater at the site is classified GW-1. Due to the potential frequency and intensity of use of the site by children, and in accordance with 310 CMR 40.0933(5)[a](1), soils at the site are classified S-1.

## 2.0 Immediate Response Action:

### 2.1 Groundwater Extraction:

On 14 December 1995, CEA personnel responded to the above-referenced release of #2 fuel oil to groundwater. Approximately 170-gallons of fuel oil and water were pumped from the groundwater monitoring well. A large percentage of pumped fluids were observed to be groundwater, which further reinforces the limited amount of fuel oil released. Evacuated fluids were placed in properly labeled 17H DOT drums, and securely stored within the basement of the school building pending transportation and disposal.

### 2.2 Limited Subsurface Assessment:

A groundwater monitoring well (MW-1), which is situated approximately 50 to 60 feet topographically downgradient from the impacted tank pad well, was gauged and sampled on December 18, 1995. Non-aqueous phase liquid (NAPL) was not detected during the gauging event. The groundwater sample was submitted to a MA-DEP certified laboratory for analysis of Total Petroleum Hydrocarbons (TPH) via EPA Method 418.1. Laboratory analytical results do not indicate the presence of TPH above method detection limits. The complete laboratory analytical report is included in **Attachment 1**.

An Immediate Response Action (IRA) plan, detailing the verbally approved response actions performed relative to the referenced release was prepared and submitted to the MA-DEP in February 1996.

On February 22, 1996, a single soil boring was advanced adjacent to the impacted tank pad well (TP-1) and was completed as a groundwater monitoring well (CEA-1). The boring was advanced to a depth of 22 feet below





surface grade, utilizing 4.25 inch inside diameter, hollow stem augers, driven by a truck-mounted drilling rig. Groundwater was observed at a depth of approximately 15.5 feet below grade. Materials encountered during the advancement of the borings primarily consisted of silty fine to medium sand with some coarse sand and gravel, except at the 15 to 16 foot interval which included cobbles likely originating from the tank bed.

The monitoring well was constructed of 2" inside diameter, PVC, threaded screen and riser pipe. The annular space surrounding the screened interval in each well was backfilled with # 2 Jersey washed silica sand. Silica sand inhibits fine particles within the formation from entering and clogging the well. Sand was backfilled to approximately one foot above the top of the screen, and a one-foot thick bentonite seal was placed on top of the silica sand. The annular space above the bentonite was backfilled with native material, and a gripper cap was used to seal the well opening.

Soil samples were collected at five-foot intervals, utilizing a split-spoon sampling device, driven ahead of the augers via a 140 pound weight and a 30 inch vertical drop. Each of the samples were placed in eight ounce sample jars, covered with aluminum foil, and analyzed by the Headspace Method, using a photo-ionization detector (PID). Results of the PID analysis are presented as follows, in Table 1.

**Table 1**  
**Soil Sample Photoionization Detector Results**  
**February 22, 1996**

Sample #	Sample Depth	Result in ppm
S-1	0'-1'	ND
S-2	5'-7'	ND
S-3	10'-12'	ND
S-4	15'-17'	70
S-5	20'-22'	ND

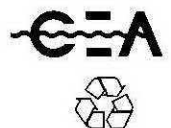
Note: Results are reported in parts per million (ppm); PID calibrated to benzene standard; ND = not detected.

In addition to Headspace analysis, the soil samples designated as S-4 and S-5 were submitted for laboratory analysis for Total Petroleum Hydrocarbons (TPH) via EPA Method 8100 (Gas Chromatography). Results of the laboratory analysis, including the method limits of detection, are included in Attachment 2, and presented as follows in Table 2.

**Table 2**  
**Soil Analytical Results**  
**February 22, 1996**

Sample #	TPH Results
S-4	ND
S-5	ND
MA-DEP S-1 Standard	500

Note: Result reported in parts per million; ND = not detected



On March 13, 1996, CEA personnel gauged the groundwater monitoring wells (MW-1 and CEA-1) and tank pad wells (TP-1 and TP-2) for depth to water from the top of the PVC casing. Gauging was performed using a sonic interface probe, capable of differentiating between free-phase petroleum and water. Non-aqueous phase liquid (NAPL) was not detected during the gauging event. Groundwater was observed at depths ranging from 9.71 to 13.17 feet below grade.

Groundwater samples were subsequently collected from MW-1, TP-2 and CEA-1 and submitted for laboratory analysis for TPH via EPA Method 8100. Prior to sampling, the wells were purged of approximately three times the well volume, in order to obtain a representative sample. Purging and sampling were performed utilizing dedicated, disposable, Polyethylene bailers. Results of the laboratory analysis, including the method limits of detection, are included in **Attachment 3**, and presented as follows in **Table 3**.

**Table 3**  
**Groundwater Analytical Results**  
**March 13, 1996**

Sample #	TPH Results
MW-1	ND
TP-2	ND
CEA-1	5.4
MA-DEP GW-1 Standard	1.0

Note: Results reported in parts per million; ND = not detected

### 2.3 IRA Modification:

In April 1996, an IRA 120-day Status Report and Modification was prepared and submitted to the MA-DEP. Due to the apparent limited magnitude and extent of fuel oil impact within both the soil and groundwater in the vicinity of the tank pad well, CEA proposed to install a series of Regenesis bioremediation socks throughout the water columns in both CEA-1 and TP-1. Once installed within the wells, Magnesium Peroxide within the bio-socks reacts with the water to produce a continuous flow of oxygen to the impacted groundwater. The increased flow of oxygen enhances the biodegradation of the petroleum hydrocarbons, likely resulting in a reduction of levels towards background. On April 23, 1996, the MA-DEP issued approval of the IRA Modification and as a result, the Regenesis bioremediation socks were subsequently installed in CEA-1 and TP-1.

In accordance with the monitoring schedule presented in the IRA Modification, on August 8, 1996, a groundwater sample was collected from CEA-1 and was submitted for laboratory analysis for Volatile Petroleum Hydrocarbons (VPH) via Modified EPA Methods 8021/8015/8240 and for Extractable Petroleum Hydrocarbons (EPH) via Modified EPA Methods 8270/8100/8260, which comprise the MA-DEP's "New TPH" analysis. A copy of the analytical results, including the method limits of detection, and the calculation worksheet for the Final TPH Summation, are presented in **Attachment 4**. These results are summarized as follows in **Table 4**.



**Table 4**  
**Groundwater Analytical Results**  
**August 8, 1996**

Sample Location	TPH Result	Final TPH Summation	Targeted PAH Analytes	Targeted VPH Analytes
CEA-1	2.5	0.02	ND	ND
GW-1 Standard	1.0	1.0	NA	NA

Notes: ND = not detected, above limit of detection; NA = not applicable; results presented in parts per million

Based upon the favorable groundwater analytical results presented herein, an additional confirmatory round of groundwater quality sampling was performed on September 6, 1996. Groundwater samples were collected from CEA-1 and MW-1 and submitted for laboratory analysis for EPH via Modified EPA Method 8270/8100/8260 and TPH via EPA Method 418.1, respectively. Results of the analysis are included in **Attachment 5**, and presented as follows in **Table 5**.

**Table 5**  
**Groundwater Analytical Results**  
**September 6, 1996**

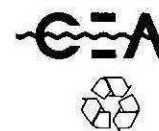
Sample Location	TPH Result	EPH Result	Targeted PAH Analytes
CEA-1	NA	ND	ND
MW-1	ND	NA	NA
GW-1 Standard	1.0	1.0	NA

Notes: ND = not detected, above limit of detection; NA = not applicable; results presented in parts per million

Based upon the results of the soil analysis and post remedial groundwater analyses presented herein, fuel oil impact to the soil and groundwater in the vicinity of the impacted tank pad well TP-1, is presently at levels well below the most stringent MA-DEP S-1 TPH Soil Standard of 500 ppm and the GW-1 TPH Groundwater Standard of 1.0 ppm. Refer to **Figure 2**, for a depiction of the post remedial soil and groundwater sample point locations and associated analytical results.

#### 2.4 Management of Remedial Wastes from the IRA:

Fuel oil and groundwater which was evacuated from the impacted groundwater monitoring well had been staged in properly labeled 17H DOT drums at a secured location at the site, pending transportation for proper disposal. On July 22, 1996, four (4) 17H DOT drums of oil/water mix was transported by Franklin Environmental Services, Inc. to the Chem Met Services facility in Wyandotte, Michigan under the Uniform Hazardous Waste Manifest process. A copy of the Waste Manifest is included in **Attachment 6**.



## 2.5 Statement on the Findings and Conclusions of the IRA:

The Immediate Response Action conducted at the subject location is complete and has been performed in accordance with the rules and regulations stipulated within 310 CMR 40.0000. All IRA activities were conducted under the supervision of a Licensed Site Professional in accordance with verbal and written approval issued by the MA-DEP.

## 3.0 Response Action Outcome:

### 3.1 Risk Characterization

Based on the results of this investigation, a Method 1 Risk Characterization will be used to characterize risk at the site, pursuant to 310 CMR 0971(1), which states "Method 1 may be used to characterize the risk of harm to health, public welfare and the environment at disposal sites where assessments conducted in accordance with 310 CMR 40.0000 have determined that the presence of oil and/or hazardous material is limited to soil and/or groundwater."

Potential human and environmental receptors identified within a five hundred foot radius of the site include the subject site (school), adjacent municipal and residential properties, and the downgradient drinking water supply well. All drinking water for the site and surrounding properties is provided by the Town of Leicester. As a result of the site's inclusion within the delineated Zone II recharge area for the supply well, groundwater at the site is classified as GW-1, pursuant to 310 CMR 40.0932.

The frequency and intensity of use by both children and adults is considered high due to the use of the site as a school. As a result, soil at the site is classified as S-1 in accordance with 310 CMR 40.0933.

Due to groundwater and zoning constraints, the reasonably foreseeable use of the site is likely similar to current usage; therefore it is assumed that any future activities would not result in exposures to human and/or environmental receptors that are greater than the exposures associated with current site activities and uses.

Pursuant to 310 CMR 40.0926, for each oil and/or hazardous material identified in each medium at each exposure point, Exposure Point Concentrations shall be identified and documented.

Based on the results of the soil analytical data collected from the immediate area of impact, no measurable levels of TPH were detected. As a result, the Exposure Point Concentration for soil is considered consistent with background conditions. Soil conditions at the site meet the criteria for regulatory closure without the implementation of an Activity and Use Limitation (AUL).

Based on the results of the groundwater analytical data collected from the immediate area of impact and a downgradient groundwater monitoring well, no measurable levels of TPH were detected. As a result, the Exposure Point Concentration for groundwater is consistent with background conditions. Groundwater conditions at the site meet the criteria for regulatory closure without the implementation of an AUL.

A Permanent Solution for the release at the site has been achieved, and as such, a condition of no significant risk of harm to health, public welfare and the environment has been achieved in accordance with 310 CMR 40.0973(7).

### 3.2 Class Description of the Response Action Outcome and Method Characterization:

This Response Action Outcome (RAO) is classified as A-1 in accordance with provisions stipulated in 310 CMR 40.1036. The source of the release has been eliminated and remedial activities performed under an IRA have reduced the magnitude of impact to levels sufficient to render a classification of "no significant risk."



### **3.3 Relationship to other RAO Statements and Activity and Use Limitations**

No other Response Action Outcome Statements have been filed for this site and, since the S-1 soil standards and GW-1 groundwater standards have not been exceeded, an Activity and Use Limitation will not be required.

### **3.4 Demonstration that All Uncontrolled Sources Have Been Eliminated or Controlled:**

As previously indicated, approximately 8-10 gallons of # 2 fuel oil was mistakenly injected into a tank pad monitoring well at the referenced site. Response actions were immediately implemented to effectively control and contain the release thereby minimizing further migration to groundwater table. Subsequent remedial response actions undertaken, have effectively controlled and eliminated remaining sources of fuel oil impact attributed to the release.

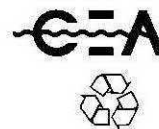
### **3.5 Information that the Levels Have Been Reduced to Background/Feasibility:**

Based on the effectiveness of the Immediate Response Actions performed in response to the release, as described herein, remaining conditions within the impacted area are sufficient to render a classification of "no significant risk." Results of the soil and groundwater laboratory analysis indicate levels of TPH consistent with background conditions.

### **3.6 Conclusion that a Level of No Significant Risk Exists:**

A Method 1 Risk Characterization, performed as part of this investigation, has determined that the site does not pose a significant risk to health, safety, public welfare, or the environment. Laboratory analysis of soil and groundwater samples indicate that no measurable TPH levels detected, and conditions are therefore considered consistent with background.

Public notification submittals to the Board of Health and the Chief Municipal Officer for the Town of Kingston are included in **Attachment 7**.

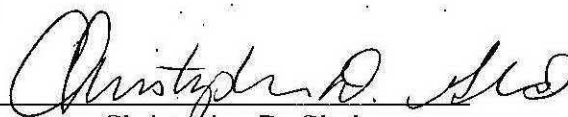


## CERTIFICATION STATEMENT


It is hereby certified that the methodologies, techniques and findings of this technical report have been conducted in accordance with relevant environmental regulations, applicable professional standards and prudent engineering practices and that the information, attached documents and data are true, accurate and complete to the best of our knowledge.

### Corporate Environmental Advisors, Inc.

127 Hartwell Street  
West Boylston, MA 01583  
(508) 835-8822



Christopher D. Glod  
Project Manager

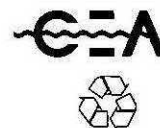


Glenn Goral  
Director of Remediation

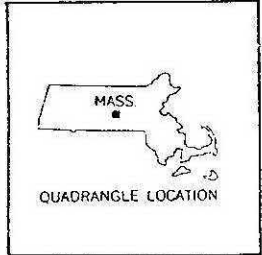
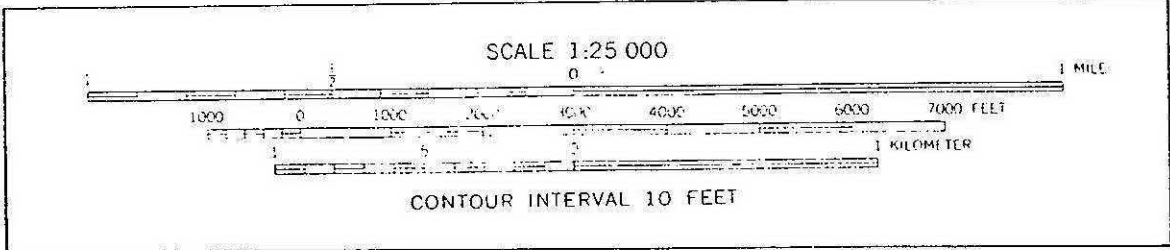
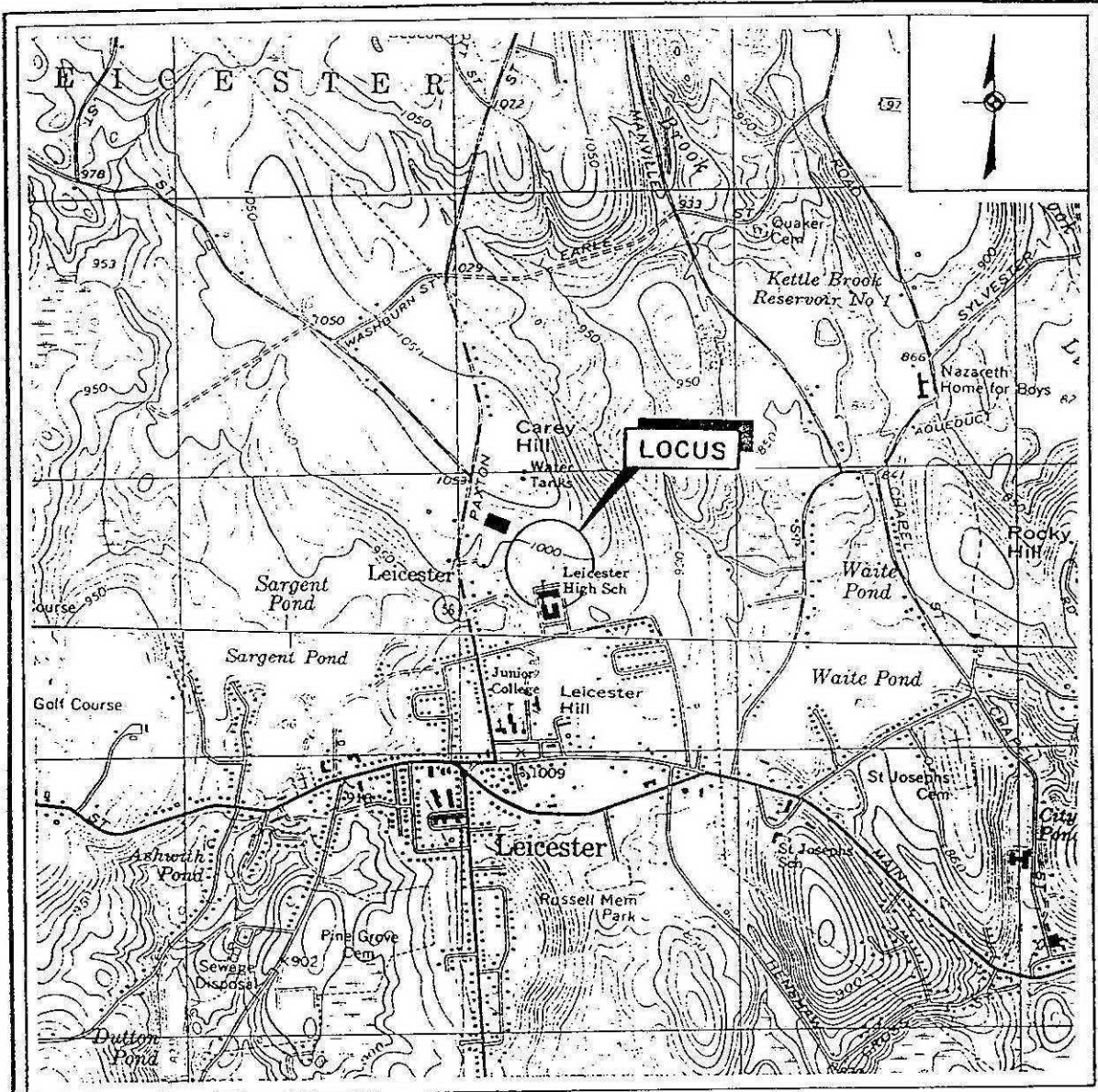
Date: September 25, 1996

Site: 174 Paxton Street  
Leicester, Massachusetts  
Release Tracking Number 2-11039

CEA Ref. File # 2740-95-1



**FIGURES**

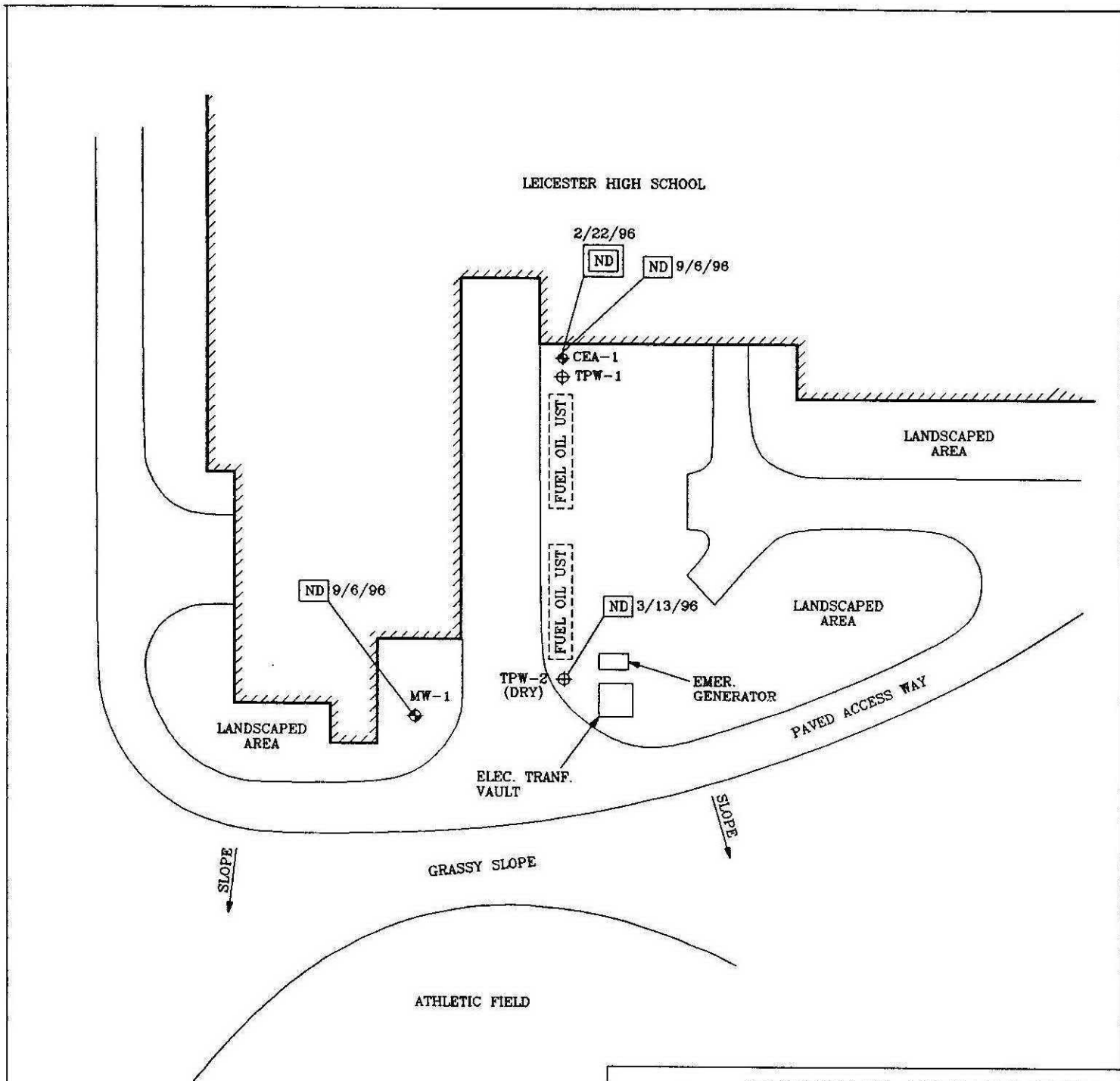


PAXTON, MASS.  
 N4215—W7152.5/7.5

1965  
 PHOTOREVISED 1979  
 AMS 6666 IV SW—SERIES V814

**FIGURE 1**  
 SITE LOCUS





9/6/96 - SAMPLE DATE

ND - TPH IN SOIL (IN PPM)

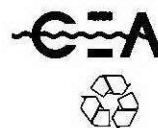
ND - TPH IN WATER (IN PPM)

**NOTE:**  
THIS PLAN IS COMPILED FROM RECORD PLANS  
AND FIELD MEASUREMENTS FOR THE SOLE  
PURPOSE OF REPRESENTING THE APPROXIMATE  
LOCATION OF SITE FEATURES AND UTILITIES.

<b>CORPORATE ENVIRONMENTAL ADVISORS, INC.</b> <small>Environmental - Water - Soil - Air - Environmental Services 10000 W. ... WASHINGTON, VA</small>		
SCALE: NOT TO SCALE		DR. BY: K. HAZEL
DATE: 2/7/96	APP. BY: CDG	JOB NO.: 2740-95-1
<b>SITE LAYOUT W/FINAL TPH RESULTS</b>		
EASTERN ADJUSTMENT		FIGURE-2
174 PAXTON ST. LEICESTER, MA.		

**ATTACHMENT 6**

**Uniform Hazardous Waste Manifest**



**DNR**  
**MICHIGAN DEPARTMENT**  
**OF NATURAL RESOURCES**

DO NOT WRITE IN THIS SPACE  
 ATT.  DIS.  REJ.  PR.

1979, as amended and Act 136, P.A. 1969.  
 Failure to file is punishable under section 299.548 MCL or Section 10 of Act 136, P.A. 1969.

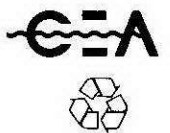
Please print or type. Form Approved. OMB No. 2050-0039 Expires 9-30-94

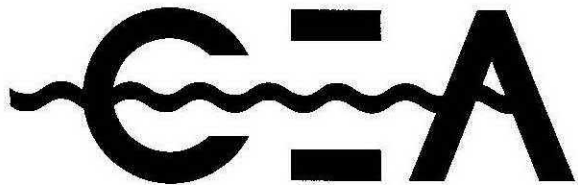
<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. M P 5 0 8 7 5 7 2 7 3 3		Manifest Document No. 9 9 0 0		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address PETERSON OIL SERVICES (CEA) 490 MILLBURY STREET WORCESTER MA 01607						A. State Manifest Document Number MI 3559600							
4. Generator's Phone ( ) 508/754-1030						B. State Generator's ID 74 Paxton St Leicester, MA 01524							
5. Transporter 1 Company Name FRANKLIN ENVIRONMENTAL SERVICE				6. US EPA ID Number M A D D A 4 A 1 4 1 3 6		C. State Transporter's ID 379501MA							
7. Transporter 2 Company Name						D. Transporter's Phone MA-384-6151							
8. US EPA ID Number						E. State Transporter's ID							
9. Designated Facility Name and Site Address CHEM MET SERVICES 10550 ALLEN ROAD WYANDOTTE MI 48192						10. US EPA ID Number M I D 0 9 6 9 6 3 1 9 4							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID NUMBER) HM a. NON RCRA / NON DOT LIQUID WASTE						12. Containers No. Type 004 DM		13. Total Quantity 00250		14. Unit G		1. Waste No. N / N	
J. Additional Descriptions for Materials Listed Above a) PET73301 #2 FUEL OIL WATER MIX MA WASTE CODE: MW01						K. Handling Codes for Wastes Listed Above a/ / b/ / c/ / d/ /							
15. Special Handling Instructions and Additional Information Please send blue copy of manifest to: CEA 144 Ballard St. Worcester, MA 01607 Micro Contact CHRISTOPHER GLOD 508/754-1080 ERG# A) N/A B) C) D)													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR; if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name STEVEN M. MERRILL (AGENT FOR)						Signature <i>[Signature]</i>		Date 07/22/96					
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name RON E. RICHER						Signature <i>[Signature]</i>		Date 07/22/96					
18. Transporter 2 Acknowledgement or Receipt of Materials Printed/Typed Name						Signature		Date					
19. Discrepancy Indication Space													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name						Signature		Date					

ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY RESPONSE CENTER AT 1-800-424-8802 24 HOURS PER DAY.

**ATTACHMENT 7**

**Public Notification Submittals**





**CORPORATE ENVIRONMENTAL ADVISORS, INC.**

September 25, 1996

Town of Leicester  
Board of Health  
3 Washburn Square  
Leicester, MA 01524

**RE: Notice of Availability of RAO  
Leicester High School  
174 Paxton Street  
Leicester, MA  
MA-DEP RTN: 2-11039  
CEA Ref. File # 2740-95-1**

Dear Sir / Madam:

As promulgated within 310 CMR 40.0000 of the Massachusetts Contingency Plan (MCP), this letter serves as official notification that a Response Action Outcome Statement (RAO) for the above-referenced location has been filed with the Massachusetts Department of Environmental Protection (MA-DEP).

If you have any questions regarding this submittal or would like to obtain a copy of said document, please do not hesitate to contact the undersigned at (508) 754-1080.

Sincerely,

CEA, Inc.

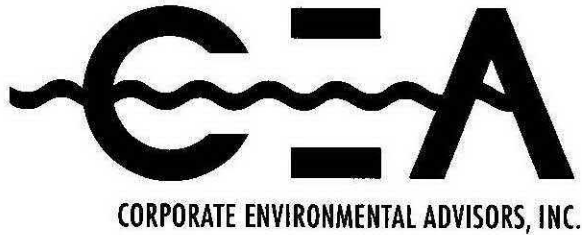
Christopher D. Glod  
Project Manager

CDG:cdg

pc: Bureau of Waste Site Cleanup  
MA-DEP CRO  
75 Grove Street  
Worcester, MA 01605

127 HARTWELL STREET  
WEST BOYLSTON, MA 01583  
PHONE: 508-835-8822  
FAX: 508-835-8812

REMEDIATION  
L.S.P. SERVICES  
SITE ASSESSMENTS  
EMERGENCY RESPONSE



September 25, 1996

Town of Leicester  
Chief Municipal Officer  
3 Washburn Square  
Leicester, MA 01524

**RE: Notice of Availability of RAO  
Leicester High School  
174 Paxton Street  
Leicester, MA  
MA-DEP RTN: 2-11039  
CEA Ref. File # 2740-95-1**

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Sincerely,  
CEA, Inc.

Christopher D. Glod  
Project Manager

CDG:cdg

pc: Bureau of Waste Site Cleanup  
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75 Grove Street  
Worcester, MA 01605

127 HARTWELL STREET  
WEST BOYLSTON, MA 01583  
PHONE: 508-835-8822  
FAX: 508-835-8812

REMEDIATION  
L.S.P. SERVICES  
SITE ASSESSMENTS  
EMERGENCY RESPONSE



**IMMEDIATE RESPONSE ACTION COMPLETION REPORT  
AND  
PERMANENT SOLUTION WITH NO CONDITIONS STATEMENT**

**LEICESTER MIDDLE SCHOOL  
70 WINSLOW AVENUE  
LECIESTER, MASSACHUSETTS  
MASSDEP RTN 2-20320**

Prepared For:

Town of Leicester – Public School  
3 Washburn Square  
Leicester, Massachusetts 01524

Prepared By:

Omni Environmental Group  
6 Lancaster County Road  
Harvard, Massachusetts 01451

Project: 4094

November 2017

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### APPENDICES

Appendix A	MassDEP Release Log Form (BWSC-101) and Notice of Responsibility (NOR)
Appendix B	Laboratory Analytical Reports
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**IMMEDIATE RESPONSE ACTION COMPLETION REPORT  
AND  
PERMANENT SOLUTION WITH NO CONDITIONS STATEMENT**

**LEICESTER MIDDLE SCHOOL  
70 WINSLOW AVENUE  
LECIESTER, MASSACHUSETTS  
MASSDEP RTN 2-20320**

**1.0 INTRODUCTION**

This report presents an Immediate Response Action (IRA) Completion Report and Permanent Solution Statement (PSS) with No Conditions for Release Tracking Number (RTN) 2-20320, which is associated with a release of approximately 30 gallons of No. 2 fuel oil at the Town of Leicester Middle School located at 70 Winslow Avenue in Leicester, Massachusetts (the “Property”). The release occurred when a day tank, located within the school’s boiler room, became over-pressurized due to a mechanical malfunction and No. 2 fuel was released through the vent stack to the ground surface immediately north of school building (the “Site”). Submittal of an IRA Completion Report and PSS are required pursuant to 310 CMR 40.0427 and 40.1040 of the Massachusetts Contingency Plan (MCP). An IRA Transmittal Form (BWSC-105) and a PSS Transmittal Form (BWSC-104) were submitted to the Massachusetts Department of Environmental Protection (MassDEP) concurrent with this document via e-DEP.

This report was prepared by Omni Environmental Group (OEG) on behalf of the Town of Leicester, the potentially responsible party (PRP) for this release, located at 3 Washburn Square in Leicester, Massachusetts 01524 [Telephone (508) 892-7000]. Mr. James Purcell is the point of contact for the Town of Leicester and has authorized the preparation of this document.

Since this PSS is being submitted to the MassDEP within 60 days of the release condition and prior to Tier Classification, a PSS submittal fee not is required.

## 2.0 PHYSICAL SETTING

### 2.1 SITE DESCRIPTION

A Locus Map of the site is included as [Figure 1](#), as obtained from the most recent quadrangle mapping. [Figure 2](#) presents an Aerial View of the subject Site. [Figure 3](#) presents the MassDEP Phase I Site Assessment Map obtained from the Massachusetts Geographical Information System (Mass GIS) in November 2017, depicting the Site and surrounding area. Site plans depicting relevant Site features, assessment activities, and sampling locations are depicted on [Figure 4](#) and [Figure 5](#).

The Site is located within a commercial and residential section of Leicester, Massachusetts, at the UTM coordinates 4681788mN and 260378mE (Zone 19); multiple residential properties are located within 500 feet of the Site. The Site is situated approximately 1,165 feet northeast of the intersection of Paxton Street and Winslow Avenue. The Property parcel is an irregularly-shaped parcel comprising approximately 20.44 acres of land and is developed with a single-story, brick/masonry public school building reportedly constructed in 1950. The Property building currently operates as the middle school for the Town of Leicester. Two storage sheds are located on the central portion of the Property. The balance of the Property primarily consists of asphalt driveways, parking and landscaped areas and athletic fields. Access to the Property is provided from Winslow Ave. The building associated with the Site (Town of Leicester Middle School) is served by municipal water, sanitary sewer, and overhead electrical and telecommunication services. The Site building reportedly is heated via forced hot water, and the system is powered using No. 2 fuel oil.

There are no private drinking water wells located at the Site. The Site and surrounding properties are serviced by a municipal water source; no private water supply wells are known to exist within 500 feet of the Site.

The topography of the Site is relatively flat, with a slight decline in elevation towards the south. The topography of the surrounding area is predominantly flat with a slight decline in elevation to the southern portion of the Property. The elevation at the Site is approximately 986 feet above mean sea level.

## **2.2 SURROUNDING AREA**

The Site is located within a commercial and residential section of Leicester, Massachusetts. The uses of properties that abut the Site are also commercial and residential in nature. Adjoining properties include the following:

- The Town of Leicester High School to the north;
- Residential properties located along Winslow Avenue and Paxton Street to the east;
- Winslow Avenue followed by Becker College to the south;
- Winslow Avenue followed by residential properties to the southwest; and
- The Town of Leicester Senior Center to the west.

## **2.3 RESOURCE AREAS AND RECEPTOR INFORMATION**

According to the MassDEP Phase I Site Assessment Map provided as [Figure 3](#), the Site is located within an Interim Wellhead Protection Area (IWPA). A Zone II for a public water supply protection area is located within 500 feet of the Site. In addition, a Zone A of a Class A Surface Water Body is located approximately 550 feet southeast of the Site. Several tracts of land designated as protected open spaces are located within a 500-foot radius of the Site. The Site is not located within 500 feet of any Medium Yield, High Yield, or Sole Source Aquifers. Furthermore, the Site is not located within 500 feet of any Non-Potential Drinking Water Source Areas or Areas of Critical Environmental Concern.

One (1) community groundwater supply well (2151000-05G) is located approximately 2,633 feet northwest of the Site. Areas designated as FEMA 100-year Floodplains are not located within a ½ mile radius of the Site. The closest surface water body is Waite Pond, which is located approximately 2,500 to the southeast of the Site.

## **2.4 APPLICABLE MCP RISK CHARACTERIZATION CATEGORIES**

The MCP establishes categories of groundwater and soil for use in the characterization of risk posed by contamination at a site. When considering the use of Method 1 and Method 2 risk characterizations, it is necessary to categorize these media. When Method 3 is used to characterize risk, the groundwater categories are used to identify applicable or suitably analogous standards.

The MCP identifies three types of applicable groundwater categories: GW-1, GW-2, and GW-3. One or more groundwater categories may apply at a given site.

Groundwater category GW-1 is defined as a Current Drinking Water Source Area (CDWSA) or a Potential Drinking Water Source Area (PDWSA) as defined below:

- A CDWSA is defined as groundwater located:
  - within a Zone II of a public water supply (PWS);
  - within an IWPA of a public water supply;
  - within the Zone A of a Class A surface water body used for a public water supply;
  - or
  - within 500 feet of a private drinking water supply well.

- A PDWSA is defined as groundwater located:
  - within 500 feet or more from a public water system distribution pipeline; unless the groundwater is located under a parcel of land or a facility where any portion of that parcel of land or facility is located less than 500 feet from a public water supply distribution pipeline;
  - within an area designated by a municipality specifically for the protection of groundwater quality to ensure its availability for use as a source of potable water supply; and
  - within a PPA that has not been excluded as a NPDWSA.

Groundwater is classified GW-2 when it is located within 30 feet of a planned or existing occupied building or structure, and the average annual depth to groundwater in the area is 15 feet or less. Groundwater in this category could serve as a source of volatile contaminants to indoor air. Groundwater category GW-3 applies to all groundwater in the Commonwealth based upon discharge to surface water because it is deemed that all groundwater ultimately discharges to a surface water body.

The Site is located within an IWPA. Therefore, groundwater category GW-1 does not apply to the Site. The depth to groundwater at the Site is assumed to be less than 15 feet below ground surface (bgs) and given that the Site building is located within 30 feet of impacted soils, groundwater category GW-2 applies to the Site. Because GW-3 considers all groundwater in the Commonwealth, category GW-3 also applies to the Site. Therefore, the MCP risk characterization categories for groundwater at the site are GW-2/GW-3.

The categorization of soils is based on the potential for exposure, considering both the current and reasonably foreseeable site activities and uses. There are three soil categories: S-1, S-2, and S-3. Category S-1 is associated with the highest potential for exposure, and category S-3 the lowest potential for exposure.

Several factors are considered when categorizing the soils at the site. These include the type of receptor present at a site, the frequency of use, the intensity of use, and the accessibility of the soil.

For risk characterization purposes, soils at the disposal site may be classified as S-1, S-2, and S-3. It is likely that one or more of these soil classifications exist for this Site.

Soil is classified as S-1 if either:

- The soil is “accessible” (zero to 3 feet and unpaved) and either the soil is currently used for growing fruits or vegetables for human consumption or it is reasonably foreseeable that the soil may be put to such use; or a child’s frequency or intensity of use is considered high and/or an adult’s frequency and intensity of use are both considered to be high; or
- The soil is “potentially accessible” (3 feet to 15 feet and unpaved or zero to 15 feet and paved) and a child’s frequency or intensity of use is considered to be high.

Soil is classified as S-2 if either:

- The soil is “accessible” and a child’s frequency and intensity of use are considered low or children are not present at the disposal site and either (but not both) the adult’s frequency or intensity of use is considered to be high; or
- The soil is “potentially accessible” and either (but not both) a child’s frequency or intensity of use is considered to be high or children are not present at the disposal site and an adult’s frequency and intensity of use are both considered to be high.

Soil is classified as S-3 if either:

- The soil is “accessible” and children are not present at the disposal site and an adult’s frequency and intensity of use are both considered low; or



- the soil is “potentially accessible” and a child’s frequency or intensity of use are both considered to be low; or a demonstration has been made that children are not present at the disposal site, and an adult’s frequency and intensity of use are both considered to be low; or
- The soil is isolated (greater than 15 feet or under the footprint of a building or permanent structure), regardless of any receptor’s frequency or intensity of use.

For this Site, considering the locations/depths of impacted soils and current and foreseeable uses and assuming adults and children would have high frequency and low intensity uses at the Site (the Site is used as a school); the applicable soil categories would be S-2. Soil category S-1 would further apply when considering the potential applicability of an Activity and Use Limitation (AUL).

Ultimately, the soil categories are combined with the groundwater categories. Therefore, for this Site, the applicable Method 1 soil categories would be S-2/GW-1/GW-2/GW-3 with S-1/GW-1/GW-2/GW-3 being used for consideration of an AUL.

### **3.0 REGULATORY BACKGROUND**

According to the MassDEP Release Log Form (BWSC-101) and Notice of Responsibility (NOR) (presented in [Appendix A](#)) and a release causation meeting between OEG and school personnel on October 16, 2017, an estimated 30 gallons of No. 2 fuel oil was released to the northern portion of the Property around 10:30 AM on September 27, 2017. Specifically, a day tank, which is located within the Property building’s boiler room and services the Property building’s generator, malfunctioned and continued to receive No. 2 fuel oil from the 10,000-gallon AST located immediately west of the Site.

As the day tank became over pressurized, No. 2 fuel oil exited the day tank through the vent stack, which is located adjacent to the northern exterior wall of the Property building. As No. 2 fuel oil exited the vent stack, it migrated via sheet-flow in northerly direction across the paved parking area immediately north of the Property building.

The release was first observed by school personnel, who in turn notified the Town of Leicester Fire Department (LFD). At approximately 10:45 AM, the LFD notified the MassDEP. The MassDEP assigned RTN 2-20320 to the release condition and verbally approved the following IRA activities: the deployment of absorbents across the release area and the excavation, management and disposal of up to 20 cubic yard of petroleum-contaminated soils (PCS) identified through subsurface assessment.

#### **4.0 IRA ACTIVITIES**

The following summarizes IRA activities conducted between October 3, 2017 and the submission of this report.

##### **4.1 INITIAL RESPONSE ACTIONS**

On October 27, 2017, initial response actions were conducted at the Site by the LFD, MassDEP and New England Disposal Technologies of Sutton, Massachusetts (NEDT). Initial response actions included stopping the release condition (i.e. shutting down the day tank), the deployment of absorbent materials along the areas of the surface release and traffic control measures, both pedestrian and vehicular, to restrict access to the release area. Visual observations indicated that the release occurred entirely on paved surfaces. Catch basins, storm drains and surface waters were not impacted by the release. Upon the completion of initial response actions, NEDT removed the absorbent materials and placed the used absorbent material into ten (10) 55-gallon drums pending proper transport and disposal.

Gregory Morand, Licensed Site Professional for RTN 20-20320, visited the disposal site on October 10, 2017 to observe the response actions and to evaluate disposal site conditions.

## **4.2 SOIL EXCAVATION AND CONFIMATORY SAMPLING**

### **4.2.1 RESPONSE ACTIONS UNDER CMG ENVIRONMENTAL, INC.**

Soil excavation activities were initiated on October 3, 2017. Excavation efforts were conducted by NEDT, under the supervision of CMG Environmental, Inc. (CMG), through the use of a mini-excavator, roll off container(s) and hand tools. According to documentation provided by CMG, soil excavation activities were conducted over an area measuring approximately 23 feet in width by 33 feet in length to a depth of approximately 2.5 feet bgs. The excavation area is located immediately north of the northernmost portion of the Property building and approximately 10 feet east of the 10,000-gallon AST.

During excavation activities, soil samples were collected by CMG personnel and were screened for the presence of volatile organic compounds (VOCs) on parts per million by volume (ppmv) basis using a photoionization detector (PID) and standard headspace screening techniques. Headspace readings ranged from 0.0 ppmv to 294 ppmv in the northern portion of the excavation at a depth of approximately 1.5 feet bgs and 0.0 ppmv to 319 ppmv in the southern portion of the excavation at a depth of approximately 1-foot bgs.

A total of six (6) soil samples (NT BOT 21'E 21", NT BOT 6'E 2', NT BOT 15'E 24", ST BOT 2'E 27", ST BOT 7'E 25", ST BOT 14'S 25") were collected from the bottom of the northern and southern portions of the excavation and submitted for extractable petroleum hydrocarbons (EPH) analysis by MassDEP Method 04-1. In addition, one (1) soil sample (NT BOT 15'E 24") was collected from the northern portion of the excavation and submitted for volatile petroleum hydrocarbons (VPH) analysis by MassDEP Method 04-1.1. Soil samples were submitted to Eurofins Spectrum Analytical (Eurofins) in Agawam, Massachusetts for laboratory analysis. The excavation areas and associated confirmatory soil samples are depicted on [Figure 5](#).

According to the laboratory analytical report for soil samples collected on October 3, 2017, NT BOT 21'E 21", NT BOT 6'E 2', NT BOT 15'E 24", ST BOT 2'E 27" contained select EPH constituents more than the laboratory reporting limit (RL); however, none of the detected analytes exceeded the applicable Method 1 cleanup standards. In addition, laboratory analysis of NT BOT 15'E 24" did not detect VPH carbon fractions or target analytes at concentrations above laboratory RL or the applicable Method 1 cleanup standards.

A summary of laboratory analytical results is shown on [Table 1](#) and [Table 2](#), and a copy of the laboratory analytical report is provided in [Appendix B](#).

#### **4.2.2 RESPONSE ACTIONS UNDER OMNI ENVIRONMENTAL GROUP**

On October 10, 2017, soil excavation activities were conducted by NEDT under the supervision of OEG personnel. Excavation activities were conducted through the use of a mini-excavator, roll off container(s) and hand tools.

Initial excavation activities were conducted in the area of the vent stack, more specifically the area of soil adjacent to the northern wall of the Property building between the chimney and the 10,000-gallon AST. The area of excavation measured approximately 4.5 feet in width by 14 feet in length and was excavated to a depth of approximately 0.75 feet bgs to 3.5 feet bgs.

During excavation activities, soil samples were collected by OEG personnel and were screened for the presence of VOCs on ppmv basis using a PID and standard headspace screening techniques. Headspace readings ranged between 0.0 ppmv to 350 ppmv.

A total of two (2) composite soil samples (CS-A and CS-B) and two (2) discrete soil samples (DS-A and DS-B) were collected from the excavation area. Soil sample CS-A was collected from the bottom of the excavation and soil sample CS-B was collected from the eastern and northern sidewalls of the excavation.

Soil sample DS-A was collected from the bottom of the eastern portion of the excavation and soil sample DS-B was collected from the northern sidewall of the excavation. Bottom samples (CS-A/DS-A) were collected at depth of 2 feet bgs. Sidewall samples (CS-B/DS-B) were collected from a depth of 0-2 feet bgs. Headspace reading for soil samples CS-A/DS-A and CS-B/DS-B ranged from 2.0 ppmv to 6.0 ppmv, respectively.

Composite soil samples CS-A and CS-B were submitted for EPH analysis by MassDEP Method 04-1 and discrete soil samples DS-A and DS-B was submitted for VPH analysis by MassDEP Method 04-1.1. Soil samples were submitted to Con-Test Analytical Laboratory (Con-Test) in East Longmeadow, Massachusetts for laboratory analysis. The area of excavation located immediately west of the chimney and south of the 10,000-gallon AST and associated confirmatory soil samples are depicted on [Figure 5](#).

According to the laboratory analytical report for soil samples collected on October 10, 2017, CS-A and CS-B did not contain EPH constituents in excess of the laboratory reporting limit (RL), which were below the applicable Method 1 cleanup standards. In addition, laboratory analysis of DS-A and DS-B did not detect VPH carbon fractions or target analytes at concentrations above laboratory RL, which were below the Method 1 cleanup standards.

On October 10, 2017, additional soil excavation activities were conducted by NEDT under the supervision of OEG personnel. Excavation activities were conducted in an area located approximately 10 feet north of the chimney and approximately 11 feet east of the 10,000-gallon AST. The area of excavation measured approximately 4.5 feet in width by 9 feet in length and was excavated to a depth of approximately 0.75 feet bgs to 2.25 feet bgs.

During excavation activities, soil samples were collected by OEG personnel and were screened for the presence of VOCs on ppmv basis using a PID and standard headspace screening techniques. Headspace readings ranged between 0.0 ppmv to 3.3 ppmv.

A total of two (2) composite soil samples (CS-C and CS-D) and two (2) discrete soil samples (DS-C and DS-D) were collected from the excavation area. Soil sample CS-C was collected from the northern, southern, eastern and western sidewalls of the excavation. Soil samples CS-D was collected from the bottom of the central portion of the excavation. Soil sample DS-C was collected from the northeastern sidewall of the excavation and soil sample DS-D was collected from the bottom of the southern portion of the excavation. Sidewall samples (CS-C /DS-C) were collected at depth of 0-2.25 feet bgs. Bottom samples (CS-D/DS-D) were collected from a depth of 2.25 feet bgs. Headspace reading for soil samples CS-C/DS-C and CS-D/DS-D ranged from 0.0 ppmv to 3.3 ppmv, respectively.

Composite soil samples CS-C and CS-D were submitted for EPH analysis by MassDEP Method 04-1 and discrete soil samples DS-C and DS-D were submitted for VPH analysis by MassDEP Method 04-1.1. Soil samples were submitted to Con-Test for laboratory analysis. The area of excavation located northeast of the chimney and associated confirmatory soil samples are depicted on [Figure 5](#).

According to the laboratory analytical report for soil samples collected on October 10, 2017, CS-C and CS-D did not contain EPH constituents in excess of the laboratory RL, which were below the applicable Method 1 cleanup standards. In addition, laboratory analysis of DS-C and DS-D did not detect VPH carbon fractions or target analytes at concentrations above laboratory RL, which were below the Method 1 cleanup standards.

A summary of laboratory analytical results is shown on [Table 1](#) and [Table 2](#), and a copy of the laboratory analytical report is provided in [Appendix B](#).

#### **4.4 WASTE MANAGEMENT**

On October 19, 2017, as a result of IRA activities, ten (10) 55-gallon drums containing oily sorbents were removed from the Site. The oily waste was transported by NEDT under uniform hazardous waste manifest (UHW) #0176646959 JJK to Vexor Technology Inc. facility in Medina, Ohio.

The PCS removed from the Site was transported by NEDT under a MassDEP Bill of Lading (BOL) to the Environments Soil Management Inc. facility in Loudon, New Hampshire for disposal. A total of approximately 36.71 tons (~23 cubic yards) of PCS and impacted pavement was transported off-Site through the completion of IRA activities. A complete copy of the finalized MassDEP BOL and the UHWM are included in [Appendix C](#).

#### **4.5 IMMINENT HAZARD EVALUATION**

Under the MCP, an Imminent Hazard (IH) is defined as a hazard that would pose a significant risk of harm to health, safety, public welfare or the environment if it were present for even a short period of time. Considering the information presented herein describing the release condition, response actions conducted and analytical data generated through the completion of response actions, OEG concludes that IH conditions are not present at the Site.

#### **4.6 CRITICAL EXPOSURE PATHWAY EVALUATION**

Under the MCP, a CEP is defined as those routes by which oil and/or hazardous materials (OHM) are transported, or are likely to be transported, to human receptors via:

- vapor-phase emissions of measurable concentrations of oil and/or hazardous materials into the living or working space of a pre-school, daycare, school or occupied residential dwelling; or
- ingestion, dermal absorption or inhalation of measurable concentrations of oil and/or hazardous materials from drinking water supply wells located at and servicing a pre-school, daycare, school or occupied residential dwelling.

Considering the information presented herein (including IRA assessment and sampling activities), there are no CEP with regards to the Site and release condition.

#### **4.7 SUBSTANTIAL RELEASE MIGRATION**

Under the MCP, a SRM is defined as the presence of one or more of the following conditions at a disposal site:

- releases that have resulted in the discharge of separate-phase oil and/or separate-phase hazardous material to surface waters, buildings, or underground utilities or conduits;
- releases to the ground surface or to the vadose zone that, if not promptly removed or contained, are likely to significantly impact the underlying groundwater, or significantly exacerbate an existing condition of groundwater pollution;
- releases to the groundwater that have migrated or are expected to migrate more than 200 feet per year;
- releases to the groundwater that have been or are within one year likely to be detected in a public or private water supply well;
- releases to the groundwater that have been or are within one year likely to be detected in a surface water body, wetland, or public water supply reservoir; or
- releases to the groundwater or to the vadose zone that have resulted or have the potential to result in the discharge of vapors into a School, Daycare or Child Care Center or occupied Residential Dwelling.

Considering the information presented herein through completion of the IRA and based upon current disposal Site conditions; a condition of SRM is not currently present.

#### **5.0 NATURE AND EXTENT OF CONTAMINATION**

The No. 2 fuel oil release impacted select paved surfaces immediately north of the Property building. The pavement within the release area was predominantly competent; however, the area had a number of small cracks that allowed a limited volume of No. 2 fuel oil to impact subsurface soils.



The characteristics of both the release and the disposal site along with visual observations and field screening data indicate the release was limited to the paved surface and a marginal area of soil beneath the pavement. The release of No. 2 fuel oil did not impact underlying groundwater.

No. 2 fuel oil-impacted soils were identified through visual, olfactory and a standard headspace screening technique. Impacted soils were subsequently removed through the completion of excavation activities discussed herein. Confirmatory soil samples collected during excavation activities indicate residual EPH and/or VPH does not exceed applicable Method 1 cleanup standards.

Within the context of the MCP, a disposal site is generally defined as the location(s) where oil or hazardous material have come to be located. For the purpose of the Permanent Solution Statement, the extent of the disposal Site associated with RTN 2-20320 is considered to be the area of the surface release/overland migration and the areas of soil excavation. Omni Environmental Group displays the extent of the disposal Site on [Figure 5](#).

## **6.0 CONCEPTUAL SITE MODEL**

The MassDEP Release Log Form indicates that an estimated 30 gallons of No. 2 fuel oil was released to the northern portion of the 70 Winslow Ave Property around 10:30 AM on September 27, 2017. Specifically, a day tank, which is located within the Property building's boiler room and services the Property building's generator, malfunctioned and continued to receive No. 2 fuel oil from the 10,000-gallon AST located immediately west of the Site.

As the day tank became over pressurized, No. 2 fuel oil exited the day tank through the vent stack, which is located adjacent to the northern exterior wall of the Property building. As No. 2 fuel oil exited the vent stack, it migrated via sheet-flow in northerly direction across the paved parking area immediately north of the Property building.

The LFD and NEDT used absorbent materials to recover surficial No. 2 fuel oil impacts. Upon the completion of initial response actions, no recoverable petroleum remained. The surfaces within the release area are predominantly competent; however, several areas were identified as containing cracks/voids/seams significant enough to allow for subsurface soils to be impacted with No. 2 fuel oil. Excavation activities were conducted to remove readily accessible PCS and confirmatory soil samples collected post-excavation indicate residual soil impacts are below applicable Method 1 standards.

Based on the characteristics of the release, the disposal site and field assessment and laboratory analytical data, groundwater, sediments, surface water and/or indoor air were not impacted by the release.

## **7.0 RISK CHARACTERIZATION**

### **7.1 HARARD IDENTIFICATION**

#### **7.1.1 SOURCE AND EXTENT OF RELEASE**

RTN 2-20320 is associated with a release of an estimated 30 gallons of No. 2 fuel oil that occurred when a day tank, located within the school's boiler room, became over-pressurized due to a mechanical malfunction and No. 2 fuel was released through the vent stack to the area immediately north of school building.

The constituents of concern (COC) for this Site include select EPH and VPH fractions and target analytes associated with the No. 2 fuel oil release. Following the completion of IRA response actions, a total of fourteen (14) soil samples, representative of current in-situ soil conditions, were collected from the excavation area. The collected soil samples were submitted for laboratory analysis of potential Site COC (i.e. EPH/VPH).

None of the confirmatory assessment soil samples contained Site COC in excess of the applicable Method 1 cleanup standards for soil categories S-2/GW-1/GW-2/GW-3, or the more stringent S-1/GW-1/GW-2/GW-3 standards. Groundwater was not encountered during IRA activities, to a maximum depth of 3.5 feet bgs.

The attached [Figure 4](#) and [Figure 5](#) display the approximate disposal Site boundary, soil excavation locations and other pertinent Site information.

### **7.1.2 CHARACTERISTICS OF DETECTED COMPOUNDS**

As discussed in Section 5.1.1, disposal Site COC consist exclusively of petroleum hydrocarbon compounds associated with the No. 2 fuel oil release. The concentrations of petroleum hydrocarbon constituents detected in the samples collected from the Site represent the sum of COC present within the specified range of the analytical methods. The individual compounds present within any given sample containing EPH and/or VPH constituents are dependent on the chemical composition of the source, weathering, natural biodegradation, etc. In general, the No. 2 fuel oil that penetrated paved surfaces will migrate downward through the vadose zone where a significant portion will be adsorbed to the soil.

A portion of released hydrocarbons will also volatilize into soil gas. If hydrocarbons reach the water table, the more water-soluble constituents (generally lighter end aromatic and aliphatic compounds) will migrate via advection and hydrodynamic dispersion. The ability of hydrocarbons to impact the groundwater is dependent on surficial characteristics, the volume released, depth to groundwater, solubility of the constituent(s), hydraulic conductivity of subsurface materials, as well as other variables.

At this Site, the No. 2 fuel oil release impacted a marginal volume of soil within the release area and the timely manner of initial response action activities minimized the potential for the release condition to impact deeper Site soils.

A limited amount of petroleum hydrocarbons (EPH) are present in disposal Site soils; however, the detected concentrations are at levels below the S-1/S-2/GW-1/GW-2/GW-3 Method 1 standards and limited in extent. Based upon analytical data and conclusions presented herein, residual COC attributed to this release are not known to be present in sediments, groundwater, surface water or indoor air.

## **7.2 EXPOSURE ASSESSMENT**

### **7.2.1 IDENTIFICATION OF HUMAN RECEPTORS**

The disposal Site is located beneath paved surfaces located on the northern portion of the subject Property at the decimal degree coordinates 42.706959 latitude north, 71.176055 longitude west, respectively. The disposal Site is located adjacent to the northern exterior wall of the school building and extends approximately 60 feet in northerly direction. As described in Section 5.1.1, residual COC are confined to soil and below the Method 1 S-1/S-2/GW-1/GW-2/GW-3 standards.

Potential human receptors under current and reasonably expected Site activities and uses would include the following: construction or utility workers engaged in excavation or construction related work and occupants, visitors or trespassers of the property (adults and children) (the Site is used as a school) who might be exposed to residual impacted soils.

However, excavations have been backfilled with clean off-Site materials and residual COC impacted soils are located beneath the backfill and restored asphalt surfaces. As such, human receptors are unlikely to encounter disposal Site soil.

### **7.2.2 IDENTIFICATION OF ENVIRONMENTAL RECEPTORS**

According to the MassDEP Phase I Site Assessment Map provided as [Figure 3](#), the Site is located within an IWPA. A Zone II for a public water supply protection area is located within

500 feet of the Site. In addition, a Zone A of a Class A Surface Water Body is located approximately 550 feet southeast of the Site. Several tracts of land designated as protected open spaces are located within a 500-foot radius of the Site. The Site is not located within 500 feet of any Medium Yield, High Yield, or Sole Source Aquifers. Furthermore, the Site is not located within 500 feet of any Non-Potential Drinking Water Source Areas or ACEC.

One (1) community groundwater supply well (2151000-05G) is located approximately 2,633 feet northwest of the Site. Areas designated as FEMA 100-year Floodplains are not located within a ½ mile radius of the Site. The closest surface water body is Waite Pond, which is located approximately 2,500 to the southeast of the Site.

### **7.2.3 IDENTIFICATION OF DISPOSAL SITE ACTIVITIES AND USES**

The current and reasonably anticipated future use of the Site property associated with MassDEP RTN 2-20320 is as a school. Current and reasonably foreseeable activities and uses in the immediate vicinity of the disposal Site are residential and commercial.

### **7.2.4 IDENTIFICATION OF EPC FOR SOIL**

For the purpose of the risk assessment, disposal Site soil will be considered as a single exposure point. Potential exposure pathways for residual petroleum hydrocarbons in soil samples collected from in-situ soil include ingestion and dermal contact.

As shown on [Table 1](#) and [Table 2](#), none of the currently representative soil samples contain EPH and/or VPH in excess of the Method 1 risk characterization standards for soil categories S-1/S-2/GW-1/GW-2/GW-3 as outlined in 310 CMR 40.0900.

In the Method 1 Risk characterization, EPH and/or VPH soil EPC were evaluated using the soil sample analytical data that is considered to be representative of current Site conditions.

All of the confirmatory soil sample COC concentrations are below the Method 1 S-1/S-2/GW-1/GW-2/GW-3 standards. As such, no EPC were developed for the currently representative soil data set.

These soil samples conservatively reflect current and representative Site soil conditions following the completion of IRA activities. None of the post remediation soil samples contained petroleum constituents in excess of the applicable UCL. Considering the above, current Site soils are consistent with a condition of No Significant Risk (NSR) with respect to human health, welfare and the environment.

#### **7.2.5 IDENTIFICATION OF EPC FOR GROUNDWATER**

Following the completion of Site assessment activities and response actions discussed herein, conditions warranting assessment of and/or indicating potential Site COC impacts to groundwater resulting from this release were not identified. Consequently, exposure pathways for groundwater are not present and EPC have not been considered.

#### **7.2.6 IDENTIFICATION OF EPC FOR SURFACE WATER**

Following the completion of Site assessment activities and response actions discussed herein, conditions warranting assessment of and/or indicating potential Site COC impacts to surface water resulting from this release were not identified. Consequently, exposure pathways for surface water are not present and EPC have not been considered.

#### **7.2.7 IDENTIFICATION OF EPC FOR SEDIMENTS**

Following the completion of Site assessment activities and response actions discussed herein, conditions warranting assessment of and/or indicating potential Site COC impacts to sediments resulting from this release were not identified. Consequently, exposure pathways for sediments are not present and EPC have not been considered.

### **7.2.8 IDENTIFICATION OF EPC FOR INDOOR AIR**

Following the completion of Site assessment activities and response actions discussed herein, conditions warranting assessment of and/or indicating potential Site COC impacts to indoor air resulting from this release were not identified. Consequently, exposure pathways for indoor air are not present and EPC have not been considered.

### **7.2.9 HOT SPOT EVALUATION**

Based upon the completion of the IRA assessment and response activities discussed herein, no Hot Spots are known to exist at the Site as a result of this release.

## **7.3 RISK CHARACTERIZATION**

### **7.3.1 RISK CHARACTERIZATION METHOD**

Risk characterization will be conducted using a Method 1 risk characterization as described in 310 CMR 40.0904 through 40.0975. Method 1 is applicable because Method 1 standards are available for all of the constituents that were analyzed in the soil samples collected from the disposal Site.

Reporting and detection limits used by the laboratory in each of the sampling events for which this IRA Completion and PSS relies upon were lower than the applicable Method 1 risk characterization standards.

### **7.3.2 APPLICABLE SOIL AND GROUNDWATER CATEGORIES**

Soil categories have been determined in accordance with the MCP 310 CMR 40.0933. Based on the review of Site activities and considering the locations/depths of impacted soils (soil is located beneath a paved surface) and current and foreseeable uses and assuming adults and children

would have high frequency and low intensity use for this location at the Site (the Site is used as a school); the applicable soil category would be S-2. Soil category S-1 would further apply when considering the potential applicability of an AUL.

Intensity of use at this Site has been determined to be “low” for both adults and children because only passive activities are anticipated on the Site. Should ground-intrusive activities be performed in the future, such as construction or utility work, then the intensity of use would be classified as “high” for the duration of such activities.

Accessibility of Site soil has been determined to be “potentially accessible” for soils located within the disposal Site. Based on soil sampling data, the residual COC impacted soils are located from approximately 1.5 to 2.5 feet bgs. Notwithstanding, the residual COC impacted soils are located beneath clean fill and paved surfaces which further reduce potential for exposure to impacted soils.

Pursuant to 310 CMR 40.0932(2), groundwater at the Site meets the criteria for groundwater categories GW-1, GW-2 and GW-3. The Site is located within an IWPA. Groundwater was not encountered during IRA excavation activities, which were conducted to a maximum depth of approximately 3.5 feet bgs. Therefore, groundwater at the Site is assumed to be less than 15 feet bgs and given that the Site building is located within 30 feet of impacted soils, groundwater category GW-2 applies to the Site.

Because GW-3 considers all groundwater in the Commonwealth, category GW-3 also applies to this Site. Therefore, the MCP risk characterization categories for groundwater at the Site is GW-1/GW-2/GW-3.

Given the above, the soil and groundwater categories used for the Method 1 risk characterization is S-2/GW-1/GW-2/GW-3, with S-1/GW-1/GW-2/GW-3 being considered for the applicability of an AUL.



### **7.3.3 SOIL RISK CHARACTERIZATION**

Based on the soil sample analytical data, none of the detected Site COC concentrations equal or exceed the applicable Method 1 standards for soil categories S-1/S-2/GW-1/GW-2/GW-3. As such, OEG concludes that a Condition of NSR of harm to health, public welfare and the environment exists for disposal Site soils.

### **7.3.4 RISK OF HARM TO THE ENVIRONMENT**

Based upon the assessment and analytical data discussed and presented herein, OEG concludes that a condition of NSR of harm to the environment exists at the Site.

### **7.3.5 RISK OF HARM TO SAFETY**

According to the criteria contained in the MCP at 310 CMR 40.0960(3), a level of NSR to safety exists or has been achieved if conditions at the disposal Site which are related to the release of OHM currently do not pose a threat of physical harm or bodily injury to people. Current and reasonably foreseeable conditions at the disposal Site were evaluated to confirm that:

- rusted or eroded drums, open pits, lagoons or other dangerous structures were not present at the disposal Site;
- there is no threat of fire or explosion, including the presence of explosive vapors resulting from the release of OHM;
- there were no uncontained materials which exhibit the characteristics of corrosivity, reactivity, or flammability; and
- there are no other conditions present at the disposal Site, which may pose a threat to physical harm or bodily injury to people.

Based on this evaluation, the concentrations of residual petroleum hydrocarbons detected in soil samples do not represent a risk of harm to safety.

## **8.0 FEASIBILITY OF ACHIEVING BACKGROUND**

Based on the results of the media sample analyses discussed herein, and within the limits of the analytical methods, concentrations of COC remaining in soil at the disposal Site are at levels below the applicable risk characterization standards. As documented herein, contamination under RTN 2-20320 includes petroleum hydrocarbons associated with a release of No. 2 fuel oil.

As shown in the analytical summary tables presented herein, select soil samples collected under RTN 2-20320 contained Site COC in excess of the laboratory RL; however, none of the reported concentrations exceeded the applicable (S-2/GW-1/GW-2/GW-3) or more stringent (S-1/GW-1/GW-2/GW-3) MCP Method 1 standards. As discussed herein, groundwater, sediment, surface water and indoor air were not impacted under the release condition associated with RTN 2-20320.

As required under MassDEP Guidance Document (“Conducting Feasibility Evaluations Under the MCP” Policy, July 16, 2004) [the Policy] and 310 CMR 40.1056(2)(j), a background feasibility evaluation is required with a PSS at disposal Sites where background conditions have not been achieved. Residual COC do exist in the disposal Site soil at levels marginally above background.

As described and outlined in Section 9.3.2.3 of the Policy, achieving or approaching background can be deemed infeasible for degradable/non-persistent contaminants. The Policy defines petroleum-hydrocarbons as a degradable/non-persistent contaminant. The concentrations of the residual petroleum constituents identified in Site soil will continue to decline due to natural attenuation. Thus, it is not necessary to further evaluate the feasibility to achieve or approach background under RTN 2-20320.

## **9.0 PERMANENT SOLUTION STATEMENT WITH NO CONDITIONS**

Through the outcome of the completed IRA activities, including the removal of approximately 36.71 tons (~23 cubic yards) of PCS and impacted pavement and ten (10) 55-gallon drums containing spent sorbent media and PCS generated through the IRA, and based upon the outcome of the Risk Characterization presented herein, OEG concludes that a condition of NSR has been achieved for the disposal Site. As such, RTN 2-20320 meets the requirements of a Permanent Solution with No Conditions under 310 CMR 40.1040(1) and 40.1041(1), respectively.

OEG further concludes that the residual Site COC in soil are at levels below the S-1/S-2/GW-1/GW-2/GW-3 Method 1 standards, and that an AUL is not required to maintain a Permanent Solution.

## **10.0 CONCLUSIONS AND LSP OPINION**

As previously stated, RTN 2-20320 is associated with a release of an estimated 30 gallons of No. 2 fuel oil that occurred on September 27, 2017, when a day tank, located within the school's boiler room, became over-pressurized due to a mechanical malfunction and No. 2 fuel oil was released through the vent stack to the area immediately north of school building.

Based on the completed activities, the results of the soil sample analyses activities conducted between October 3 and October 10, 2017, and the CSM discussed herein, the vast majority of COC impacted soil associated with the release condition was removed from the disposal Site through completed IRA response actions. Based on the results of the in-situ soil sample analyses following response actions, and within the limitations of the analytical methods, concentrations of COC remaining in disposal Site soils exist at levels below the applicable Method 1 standards. Based on the results of the Method 1 Risk Characterization, a level of NSR of harm to human health, safety, welfare and the environment has been achieved for disposal Site soils.

Based on the assessment activities, field screening and analytical data discussed herein, OEG concludes that groundwater, surface water, sediments, and indoor air were not impacted by this release.

Based on the results of completed IRA activities, an IRA Completion Statement is considered appropriate pursuant to the requirements of 310 CMR 40.0427. Response actions have abated this condition that initially required the IRA, stabilized disposal Site conditions to the degree necessary, and conditions related to an IH, SRM or CEP are not known to exist at the Site.

Based on the results of the response actions conducted at the disposal Site, a Permanent Solution with No Conditions has been achieved. The level of COC present at the Site have been identified at levels marginally above background. Based on the Method 1 Risk Characterization, an AUL is not required to maintain a level of NSR pursuant to 310 CMR 40.1012(2). Therefore, a Permanent Solution Statement is appropriate for the disposal Site pursuant to 310 CMR 40.1040.

The LSP-of-Record has reviewed the laboratory testing results and is of the opinion that laboratory quality control/quality assurance was appropriate for the tests that were performed.

Further, the LSP is of the opinion that the quality control measures taken during sampling events for soil were of sufficient and appropriate nature to render an LSP opinion. Due to the limited size of the Site, no duplicate soil samples were collected during IRA activities. In support of this opinion, the LSP has conducted an evaluation of the acceptability of the laboratory data used to characterize Site conditions. The results are summarized below.

Pursuant to 310 CMR 40.0017 and 40.1056(2)(k), any person undertaking response actions under the provisions of the MCP shall ensure that analytical and environmental monitoring data used in support of recommendations, conclusions, or LSP opinions with respect to assessment, removal or containment actions are scientifically valid and defensible, and of a level of precision and accuracy commensurate with its stated or intended use.

Evaluation of the overall quality and suitability of data utilized to support Site characterization decisions and opinions at a disposal Site is the responsibility of parties conducting response actions, and is subject to the requirements of the Response Action Performance Standard (RAPS) set forth in 310 CMR 40.0191.

Decisions that may directly impact data quality and suitability include:

- Selection of an analytical service provider;
- Identification of environmental sampling locations and parameters;
- Identification of appropriate analytical methods and Reporting Limits; and
- Specification of Quality Assurance/Quality Control procedures and performance standards.

The term “Presumptive Certainty”, as used in DEP’s Compendium of Analytical Methods (CAM), describes a particular status for analytical or environmental monitoring data used in support of MCP Response Action submittals.

Obtaining “Presumptive Certainty” status is just one of a number of options available to satisfy the data quality requirements for MCP submittals described in 310 CMR 40.0017 and 40.0191. In order to achieve “Presumptive Certainty” one must:

- Use the “MCP Analytical Methods” detailed in the CAM;
- Adopt the Tentatively Identified Compound (TIC) reporting requirements specified for the individual testing procedures in the CAM;
- Comply with the applicable quality control (QC) analytical requirements prescribed for the individual testing procedures in the CAM;
- Collect and analyze field QC samples at the minimum frequencies prescribed in the CAM; and
- Adopt the reporting formats and elements specified-in the CAM.

In achieving the status of “Presumptive Certainty”, one will be assured that an analytical data set:

- Satisfy the broad QA/QC requirements of 310 CMR 40.0017 and 40.0191 regarding the scientific defensibility, precision and accuracy, and reporting of analytical data;
- May be used in a data usability assessment, and, if in compliance with all MCP Analytical Method standards, laboratory QC requirements, and field QC recommended limits and action levels, the data set will be considered usable data to support Site characterization decisions made pursuant to the MCP; and
- May be used to support a data representativeness assessment.

Omni Environmental Group reviewed the analytical reports for the currently representative analytical data for soil (NT BOT 21'E 24", NT BOT 6'E 2", NT BOT 15'E 24", ST BOT 2'E 27", ST BOT 7'E 25" and ST BOT 14'S 25", as shown on [Table 1](#) and [Table 2](#)) collected by CMG (the associated analytical report is provided in [Appendix B](#)) and is of the opinion that the samples were collected in accordance with accepted protocol and practices. The samples were delivered to the laboratory under standard chain-of-custody record practices.

Based on the sample collection protocol and the case narratives (as provided), the LSP is of the opinion that the laboratory data is an acceptable data set identified for a data usability assessment. The sampling analytical data generated by CMG was performed in accordance with the CAM. Through a review of the soil laboratory analytical report generated by CMG, Omni Environmental Group concludes that the analytical data is of an acceptable and valid nature for this submittal.

OEG collected all of its samples with the knowledge of the LSP-of-Record for this Site in accordance with accepted practices. Samples were collected in containers supplied by the laboratory. The laboratory also supplied chemical preservatives, as necessary. Samples were kept on ice in the field and refrigerated prior to pick up by the laboratory courier.

The samples were delivered to the laboratory under a chain-of-custody record. Based on the sample collection protocol and the responses made by the laboratory on the Analytical Report Certification Form (see appendices of laboratory data), the LSP is of the opinion that the laboratory data is an acceptable data set identified for a data usability assessment.

The LSP performed a review and assessment of the analytical data and quality control data for the laboratory testing results of the sampling performed between October 3 and October 10, 2017, (collectively known as data) used to support opinions, conclusions, and/or recommendations contained in this document. The complete laboratory analytical reports containing this data are provided in [Appendix B](#).

The data usability is based on an evaluation of the following parameters: precision, accuracy, representativeness, comparability, completeness, and sensitivity.

Precision is a measure of mutual agreement among individual measurements of the same property, under prescribed conditions. Precision was evaluated based on field duplicate samples. Field duplicates assess sample data repeatability that combines the cumulative precision of the sampling technique, non-homogeneity of the matrix, and the analytical method.

Due to the limited size of the release area, a duplicate soil sample was not collected through the completion of IRA activities.

For soil data generated on October 10, 2017, the case narrative states that, in the VPH method, the soil/methanol ratio does not meet method specifications. Excess amount of soil. Sample DS-D was completely covered with methanol, but with less than the method-specified amount. Soil sample DS-D did not contain VPH in excess of the laboratory RL; which were below the applicable Method 1 cleanup standards. As such, it is unlikely that improved precision would change the risk characterization presented herein.

For soil data generated on October 10, 2017, the case narrative states that, in the EPH method, either laboratory fortified blank (LFB)/laboratory control sample (LCS) or duplicate recovery is outside of control limits, but the other is within limits. The relative percent difference (RPD) between the two LFB/LCS results is within method specified criteria. As such, it is unlikely that improved precision would change the risk characterization presented herein.

Accuracy is the degree of agreement of a measurement with an accepted reference or true value. The difference between the measurement and the true value is usually expressed as a percentage or ratio. Accuracy was evaluated on various samples that were spiked by the laboratory such as control spikes, surrogates, matrix spike, and blanks. The surrogate recovery percentages were all within the limits specified by the laboratory.

Representativeness expresses the degree to which data accurately and precisely represent a characteristic of a population, parameter variation, or environmental condition. It is a qualitative assessment based on observed conditions and measurements. The data and the results are considered to be representative of the conditions at the disposal Site based on current Site uses and field observations.

Comparability expresses the confidence with which one data set can be compared to another. It is typically evaluated based upon different rounds of response action. Two rounds of soil sampling were conducted as part of this program. OEG concludes that the comparability of the data sets used to characterize the Site is acceptable.

Completeness is a measure of the amount of valid data obtained from a measurement system compared to the amount expected under normal conditions and is usually expressed as a percentage. Completeness was evaluated based on the total acceptable samples divided by the total collected samples times 100. All of the post remediation samples discussed herein are considered acceptable for this submittal; therefore, a completeness goal of 100% has been attained.



Sensitivity is the ability of the method to detect the contaminant of concern at the concentration of interest, expressed as the Reporting Limit. It is based on an evaluation of the laboratory's RL as compared to the applicable MCP Method 1 standards for this disposal Site. For those samples where the laboratory reported non-detectable concentrations (method reporting limits), the RLs were below the applicable Method 1 standards.

The LSP is of the opinion that the data are and of a level of precision and accuracy commensurate with their stated or intended use.

## **11.0 PUBLIC NOTIFICATION ACTIVITIES**

In accordance with 310 CMR 40.1403(3)(f), copies of applicable public notification documents are presented in [Appendix D](#).

## **12.0 LIMITATIONS**

The observations and conclusions described in this report are based solely on the Services provided pursuant to the Agreement with the Client and any approved additional services authorized by the Client.

Without limitation of any other applicable limitations or conditions, Omni Environmental Group, LLC shall not be liable for the existence of any condition, the discovery of which would have required the performance of services not authorized under the Agreement. To the best knowledge and belief of Omni Environmental Group, LLC, no inquiry of an attorney-at-law having been made, no laws, regulations, orders, permits or approvals are applicable to the response actions to which this report relates except, if and to the extent applicable, M.G.L. c.21A, Sections 19-19J, 309 CMR, M.G.L. c. 21E and 310 CMR 40.0000. Accordingly, this report is not intended to and does not address compliance with any other laws, regulations, orders, permits or approvals.

The passage of time may result in changes in technology, economic conditions or regulatory standards, manifestations of latent conditions, or the occurrence of future events which would render this report inaccurate or otherwise inapplicable. Omni Environmental Group, LLC shall not be liable or responsible for the consequences of any such changed circumstances or conditions on the accuracy of this report.

The conclusions stated in this report are based upon: (1) Visual inspections of existing physical conditions; (2) Review and interpretation of site history and site usage information which was made available or obtained within the scope of work authorized by the Client; (3) Information provided by the Client; (4) Information and/or analyses for designated substances or parameters provided by an independent testing service or laboratory on a limited number of samples; and/or (5) A limited number of subsurface explorations made on dates indicated in documentation supporting the report. Omni Environmental Group, LLC was not authorized and did not attempt to independently verify the accuracy or completeness of information or materials received from the Client and/or from laboratories and other third parties during the performance of its services. Omni Environmental Group, LLC shall not be liable for any condition, information, or conclusion, the discovery of which required information not available to Omni Environmental Group, LLC or for independent investigation of information provided to Omni Environmental Group, LLC by the Client and/or independent third parties.

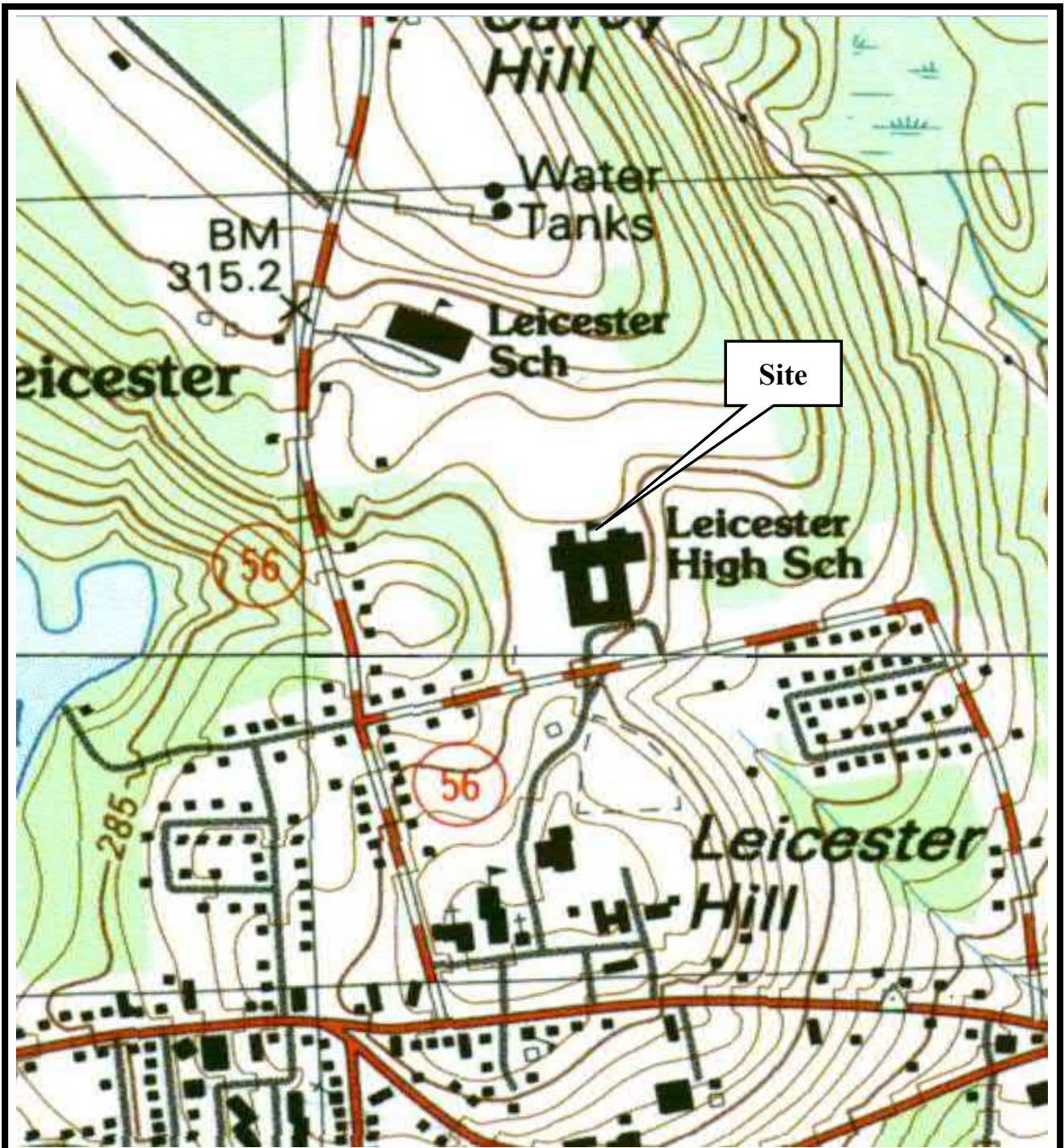
This report is rendered for the limited purpose stated above, and should not be deemed to be a report concerning the compliance of any past or present owner or operator of the site with any federal, state or local law or regulation. **NO WARRANTY OR GUARANTEE, WHETHER EXPRESSED OR IMPLIED, IS MADE BY THIS REPORT, AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED.** Without limiting the generality of the foregoing, no warranty or guarantee is made that all contamination at a site or sources or contamination has been detected or identified, that any action or recommended action will achieve all of its objectives, or that this report or any action as to which this report relates will be upheld by any audit conducted by the MassDEP or any other party.

### **13.0 REFERENCES**

Massachusetts Contingency Plan, 310 CMR 40.0000.

Conducting Feasibility Evaluations under the MCP, WSC#-04-160.

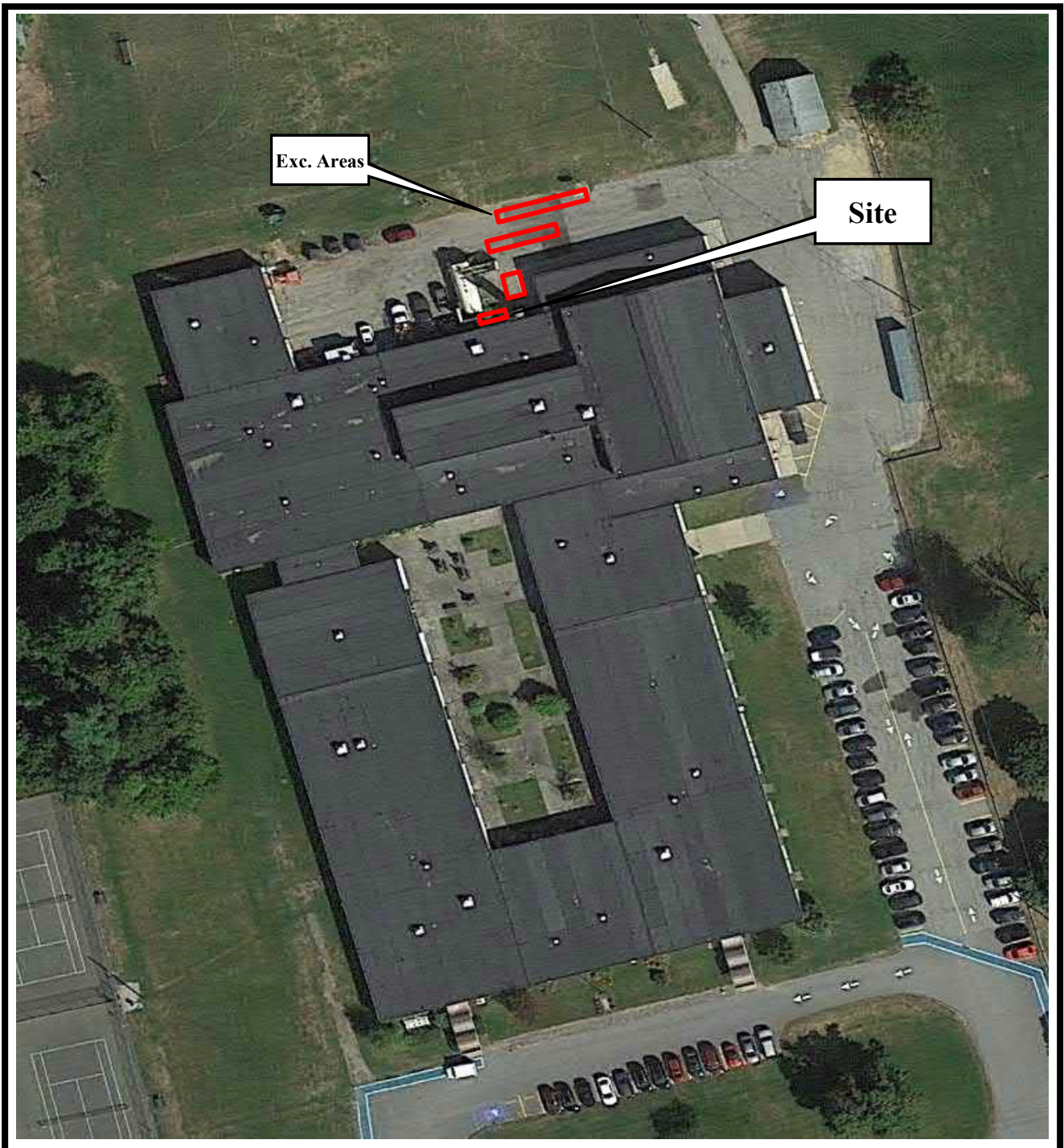
## **FIGURES**



Leicester Middle School  
 70 Winslow Ave,  
 Leicester, Massachusetts



**FIGURE 1 – PROPERTY LOCUS**



**Leicester Middle School**  
**70 Winslow Ave,**  
**Leicester, Massachusetts**



**FIGURE 2 – AERIAL VIEW OF SUBJECT SITE**

# MassDEP - Bureau of Waste Site Cleanup

## Phase 1 Site Assessment Map: 500 feet & 0.5 Mile Radii

### Site Information:

FIGURE 3  
70 WINSLOW AVE LEICESTER, MA

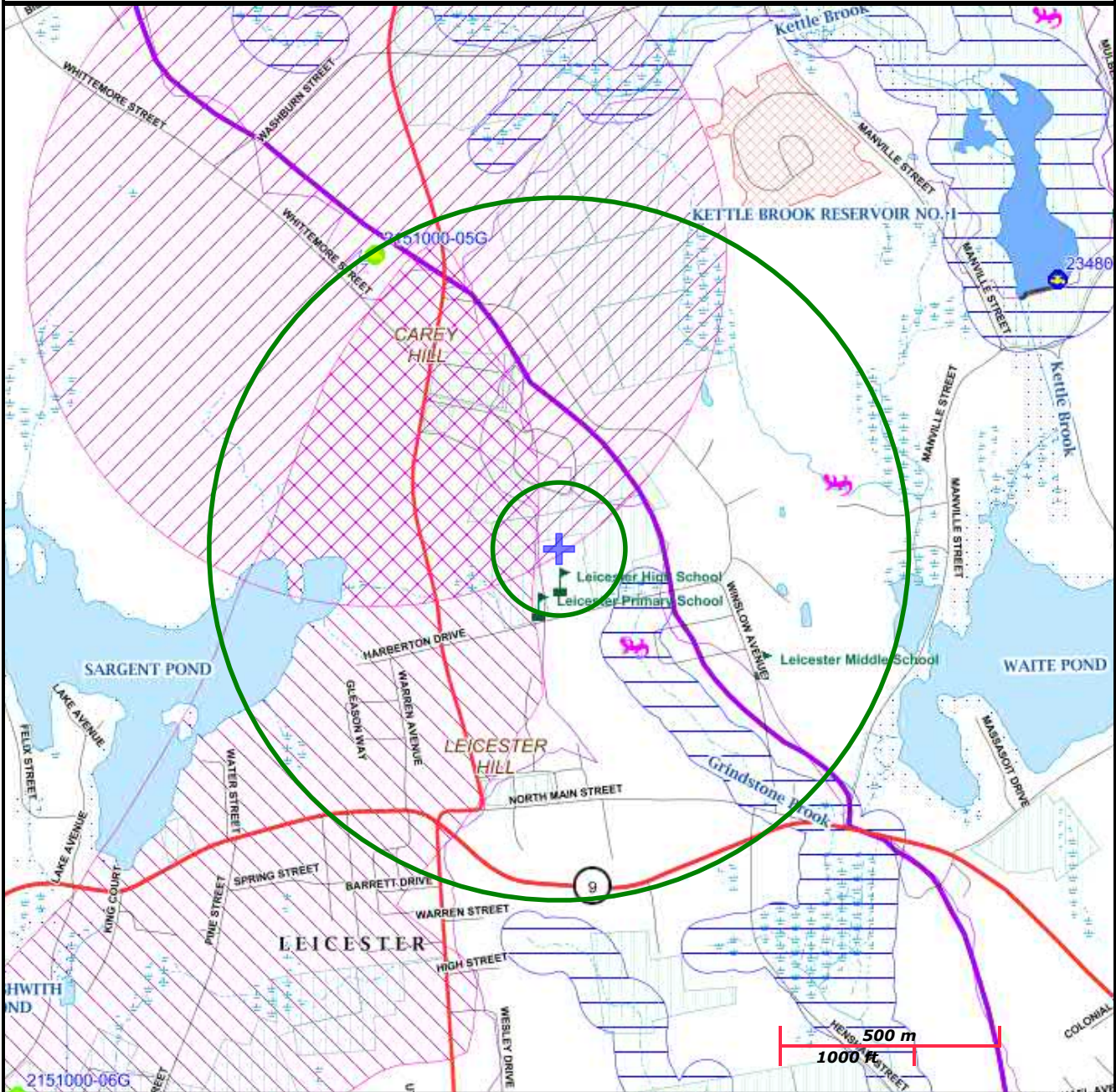
NAD83 UTM Meters:  
4681780mN , 260383mE (Zone: 19)  
November 21, 2017

The information shown is the best available at the date of printing. However, it may be incomplete. The responsible party and LSP are ultimately responsible for ascertaining the true conditions surrounding the site. Metadata for data layers shown on this map can be found at:  
<http://www.mass.gov/mgjs/>

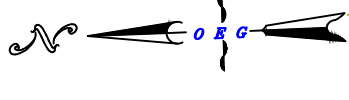


# MassDEP

Commonwealth of Massachusetts  
Department of Environmental Protection



Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail	PWS Protection Areas: Zone II, IWPA, Zone A		
Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct	Hydrography: Open Water, PWS Reservoir, Tidal Flat		
Basins: Major, PWS; Streams: Perennial, Intermittent, Man Made Shore, Dam	Wetlands: Freshwater, Saltwater, Cranberry Bog		
Aquifers: Medium Yield, High Yield, EPA Sole Source	FEMA 100yr Floodplain; Protected Open Space; ACEC		
Non Potential Drinking Water Source Area: Medium, High (Yield)	Est. Rare Wetland Wildlife Hab; Vernal Pool: Cert., Potential		
	Solid Waste Landfill; PWS: Com.GW,SW, Emerg., Non-Com		



ATHLETIC FIELD

ATHLETIC FIELD

STORAGE SHED

STORAGE SHED

10K AST

LEICESTER MIDDLE SCHOOL

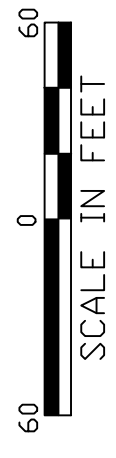
ASPHALT PARKING

ASPHALT PARKING

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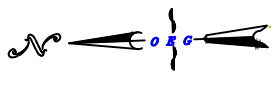
~WOODED~

TENNIS COURTS



<b>OMNI ENVIRONMENTAL GROUP</b>	SITE PLAN PLAN	
FIGURE 4	70 WINSLOW AVE LEICESTER, MASSACHUSETTS	
NOVEMBER 2017	Scale 1" = 60'	JN: 4094





~LANDSCAPING~

~ASPHALT~

- APPROXIMATE LOCATION OF;
1. NT BOT 21'E 24"
  2. NT BOT 6'E 2'
  3. NT BOT 15'E 24'

- APPROXIMATE LOCATION OF;
1. ST BOT 2'E 27'
  2. ST BOT 7'E 25"
  3. ST BOT 14'S 25"

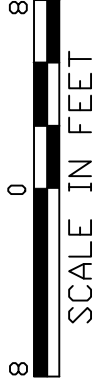
DISPOSAL SITE BOUNDARY

10K AST

LEICESTER MIDDLE SCHOOL

LEGEND

	VENT STACK
	CHIMNEY
	SOIL SAMPLE
	CMG EXC.
	DEG EXC.



<b>OMNI ENVIRONMENTAL GROUP</b>	POST EXCAVATION SOIL SAMPLE LOCATION PLAN
	70 WINSLOW AVE LEICESTER, MASSACHUSETTS
FIGURE 5	Scale 1" = 8'
NOVEMBER 2017	JN: 4094

## **TABLES**

Table 1  
Summary of Soil Analytical Data - Petroleum Hydrocarbons Analyses - TPH & EPH

Leicester Middle School  
70 Winslow Ave  
Leicester, MA

Soil Category	MCP STANDARDS (mg/Kg)																				
	C9-C18 ALIPHATICS	C19-C36 ALIPHATICS	C11-C22 AROMATICS	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZ(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE
S-1/GW-1	1,000	3,000	1,000	0.7	4	1	1,000	7	7	2	7	1,000	70	70	0.7	1,000	1,000	7	4	10	1,000
S-1/GW-2	1,000	3,000	1,000	80	1,000	600	1,000	7	7	2	7	1,000	70	70	0.7	1,000	1,000	7	20	500	1,000
S-1/GW-3	1,000	3,000	1,000	300	1,000	10	1,000	7	7	2	7	1,000	70	70	0.7	1,000	1,000	7	500	500	1,000
S-2/GW-1	3,000	5,000	1,000	1	4	1	3,000	40	40	7	40	3,000	400	400	4	3,000	3,000	40	4	20	3,000
S-2/GW-2	3,000	5,000	3,000	80	3,000	600	3,000	40	40	7	40	3,000	400	400	4	3,000	3,000	40	20	1,000	3,000
S-2/GW-3	3,000	5,000	3,000	500	3,000	10	3,000	40	40	7	40	3,000	400	400	4	3,000	3,000	40	1,000	1,000	3,000
UCL	20,000	20,000	10,000	5,000	10,000	10,000	10,000	3,000	3,000	300	3,000	10,000	10,000	10,000	300	10,000	10,000	3,000	10,000	10,000	10,000

Sample ID (Applicable Soil Category)	Sample Date Sample Depth (feet)	LABORATORY ANALYTICAL RESULTS (mg/Kg)																					
		C9-C18 ALIPHATICS	C19-C36 ALIPHATICS	C11-C22 AROMATICS	2-METHYLNAPHTHALENE	ACENAPHTHENE	ACENAPHTHYLENE	ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	CHRYSENE	DIBENZ(A,H)ANTHRACENE	FLUORANTHENE	FLUORENE	INDENO(1,2,3-CD)PYRENE	NAPHTHALENE	PHENANTHRENE	PYRENE	
NT BOT 21'E 24"	10/3/2017	11.1	U	11.1	U	0.369	U	0.369	U	0.369	U	0.369	U	0.369	U	0.369	U	0.369	U	0.369	U	0.369	U
S-1/S-2/GW-2/GW-3	1.5-2.0	11.0	U	11.0	U	0.366	U	0.366	U	0.366	U	0.366	U	0.366	U	0.366	U	0.366	U	0.366	U	0.366	U
S-1/S-2/GW-2/GW-3	2.0	11.0	U	11.0	U	0.366	U	0.366	U	0.366	U	0.366	U	0.366	U	0.366	U	0.366	U	0.366	U	0.366	U
NT BOT 15'E 24"	10/3/2017	11.0	U	11.0	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U	0.365	U
S-1/S-2/GW-2/GW-3	2.0	10.9	U	10.9	U	0.363	U	0.363	U	0.363	U	0.363	U	0.363	U	0.363	U	0.363	U	0.363	U	0.363	U
S-1/S-2/GW-2/GW-3	2.0-2.5	10.9	U	10.9	U	0.363	U	0.363	U	0.363	U	0.363	U	0.363	U	0.363	U	0.363	U	0.363	U	0.363	U
ST BOT 7'E 25"	10/3/2017	10.9	U	10.9	U	0.364	U	0.364	U	0.364	U	0.364	U	0.364	U	0.364	U	0.364	U	0.364	U	0.364	U
S-1/S-2/GW-2/GW-3	2.0	10.9	U	10.9	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U
ST BOT 14'S 25"	10/3/2017	10.9	U	10.9	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U
S-1/S-2/GW-2/GW-3	2.0	10.9	U	10.9	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U	0.362	U
CS-A	10/10/2017	11	U	11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
S-1/S-2/GW-2/GW-3	2.0	11	U	11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
CS-B	10/10/2017	11	U	11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
S-1/S-2/GW-2/GW-3	0-2.0	11	U	11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
CS-C	10/10/2017	11	U	11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
S-1/S-2/GW-2/GW-3	0-2.25	11	U	11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
CS-D	10/10/2017	11	U	11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U
S-1/S-2/GW-2/GW-3	2.25	11	U	11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U

NOTES:

MCP Standards\* = includes applicable Method 1 Standards under 310 CMR 40.0975

mg/Kg = Milligrams per kilogram

U = Not detected by laboratory in concentration at or above reporting limit that is presented in previous column

Concentration exceeds reporting limit if bold

Concentration exceeds currently applicable MCP Method 1 Standard, if bold and shaded

Concentration exceeds more stringent MCP Method 1 Standard, if bold and underlined

UCL = Upper Concentration Limit

EPH = Extractable Petroleum Hydrocarbons

Table 2  
Summary of Soil Analytical Data - Petroleum Hydrocarbons Analyses - VPH

Leicester Middle School  
70 Winslow Ave  
Leicester, MA

MCP STANDARDS (mg/kg)										
Soil Category	C5-C8 ALIPHATICS	C9-C12 ALIPHATICS	C9-C10 AROMATICS	BENZENE	ETHYLBENZENE	METHYL TERT-BUTYL ETHER (MTBE)	NAPHTHALENE	TOLUENE	M/P-XYLENE	O-XYLENE
S-1/GW-1	100	1,000	100	2	40	0.1	4	30	400	400
S-1/GW-2	100	1,000	100	40	500	100	20	500	100	100
S-1/GW-3	100	1,000	100	40	500	100	500	500	500	500
S-2/GW-1	500	3,000	300	2	40	0.1	4	30	400	400
S-2/GW-2	500	3,000	500	200	1,000	100	20	1,000	100	100
S-2/GW-3	500	3,000	500	200	1,000	500	1,000	1,000	1,000	1,000
UCL	5,000	20,000	5,000	10,000	10,000	5,000	10,000	10,000	10,000	10,000

LABORATORY ANALYTICAL RESULTS (mg/Kg)											
Sample ID (Applicable Soil Category)	Sample Date Sample Depth (feet)	C5-C8 ALIPHATICS	C9-C12 ALIPHATICS	C9-C10 AROMATICS	BENZENE	ETHYLBENZENE	METHYL TERT-BUTYL ETHER (MTBE)	NAPHTHALENE	TOLUENE	M/P-XYLENE	O-XYLENE
NT BOT 15'E 24" S-1/S-2/GW-2/GW-3	10/3/2017 2.0	1.54 U	0.369 U	0.369 U	0.0616 U	0.0616 U	0.0616 U	0.0616 U	0.0616 U	0.123 U	0.0616 U
DS-A S-1/S-2/GW-2/GW-3	10/10/2017 2.0	11 U	11 U	11 U	0.057 U	0.057 U	0.057 U	0.28 U	0.057 U	0.11 U	0.057 U
DS-B S-1/S-2/GW-2/GW-3	10/10/2017 0-2.0	12 U	12 U	12 U	0.060 U	0.060 U	0.060 U	0.30 U	0.060 U	0.12 U	0.060 U
DS-C S-1/S-2/GW-2/GW-3	10/10/2017 0-2.25	12 U	12 U	12 U	0.061 U	0.061 U	0.061 U	0.31 U	0.061 U	0.12 U	0.061 U
DS-D S-1/S-2/GW-2/GW-3	10/10/2017 2.25	10 U	10 U	10 U	0.051 U	0.051 U	0.051 U	0.26 U	0.051 U	0.10 U	0.051 U

NOTES:

MCP Standards\* = includes applicable Method 1 Standards under 310 CMR 40.0975

mg/kg = Milligrams per kilogram

U = Not detected by laboratory in concentration at or above reporting limit that is presented in previous column

Concentration exceeds reporting limit if bold

Concentration exceeds currently applicable MCP Method 1 Standard, if bold and shaded

Concentration exceeds more stringent MCP Method 1 Standard, if bold and underlined

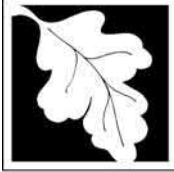
UCL = Upper Concentration Limit

VPH = Volatile Petroleum Hydrocarbons

**APPENDIX C**  
**REMEDATION WASTE DOCUMENTATION**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number M P 5 0 8 8 9 2 7 0 5 5		2. Page 1 of 1		3. Emergency Response Phone 800-696-1866		4. Manifest Tracking Number 017646959 JJK						
5. Generator's Name and Mailing Address Leicester Public Schools 1078 Main Street Leicester MA 01524 Generator's Phone: 7 7 4 6 9 6 - 4 8 9 0						Generator's Site Address (if different than mailing address) Leicester Middle School 70 Winslow Avenue Leicester MA 01524								
6. Transporter 1 Company Name New England Disposal Technologies, Inc.								U.S. EPA ID Number M A C 3 0 0 0 0 8 0 5 9						
7. Transporter 2 Company Name New England Disposal Technologies, Inc.								U.S. EPA ID Number M A C 3 0 0 0 0 8 0 5 9						
8. Designated Facility Name and Site Address Vexor Technology, LLC 955 West Smith Road Medina OH 44256 Facility's Phone: 330 721-9773								U.S. EPA ID Number O H D 0 7 7 7 7 2 8 9 5						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes								
		No.	Type											
	1. Massachusetts State Regulated Oil Waste (diesel fuel, debris)	0	10	DM	4000	P	MA01							
	2.													
	3.													
	4.													
14. Special Handling Instructions and Additional Information 1)  Job# 11-19633														
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.														
Generator's/Offeror's Printed/Typed Name X James Souza						Signature X James Souza			Month 10		Day 19		Year 17	
16. International Shipments <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____ Transporter signature (for exports only): _____														
17. Transporter Acknowledgment of Receipt of Materials														
Transporter 1 Printed/Typed Name Shawn M Fel						Signature [Signature]			Month 10		Day 19		Year 17	
Transporter 2 Printed/Typed Name						Signature			Month		Day		Year	
18. Discrepancy														
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection														
18b. Alternate Facility (or Generator) _____ Manifest Reference Number: _____ U.S. EPA ID Number _____														
Facility's Phone: _____														
18c. Signature of Alternate Facility (or Generator) _____ Month _____ Day _____ Year _____														
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)														
1.			2.			3.			4.					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a														
Printed/Typed Name						Signature			Month		Day		Year	

GENERATOR  
INT'L  
TRANSPORTER  
DESIGNATED FACILITY



Massachusetts Department of Environmental Protection

# eDEP Transaction Copy

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Transaction ID: **973328**

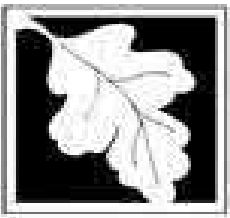
Document: **BWSC112 Bill of Lading**

Size of File: **407.22K**

Status of Transaction: **In Process**

Date and Time Created: **11/28/2017:2:52:03 PM**

**Note:** This file only includes forms that were part of your transaction as of the date and time indicated above. If you need a more current copy of your transaction, return to eDEP and select to "Download a Copy" from the Current Submittals page.



**BILL OF LADING (pursuant to 310 CMR 40.0030)**

2 - 20320

**A. LOCATION OF SITE OR DISPOSAL SITE WHERE REMEDIATION WASTE WAS GENERATED:**

1. Release Name/Location Aid: LEICESTER MIDDLE SCHOOL
2. Street Address: 70 WINSLOW AVE
3. City/Town: LEICESTER 4. Zip Code: \_\_\_\_\_
5. Check here if the disposal site that is the source of the release is Tier Classified. Check the current Tier Classification Category.  
 a. Tier I     b. Tier ID     c. Tier II

**B. THIS FORM IS BEING USED TO:** (check one: B1-B4):

1. Submit a **Bill of Lading (BOL)** to transport Remediation Waste to Temporary Storage or a Receiving Facility.  
Response Actions associated with this BOL (check all that apply):  
 a. Immediate Response Action (IRA)     e. Comprehensive Response Actions  
 b. Release Abatement Measure (RAM)     f. Limited Removal Action (LRA): (must be retained pursuant to 310 CMR 40.0034(6); can't be submitted via eDEP)  
 c. Downgradient Property Status (DPS)     g. Other \_\_\_\_\_  
 d. Utility Release Abatement Measure (URAM)
2. Submit an Attestation of Completion of **Shipment to Temporary Storage** (Sections C, F and J are not required):
3. Submit an Attestation of **Completion of Shipment to a Receiving Facility** (Sections C, F and J are not required):
4. Certify that Remediation Waste Was **Not Shipped, and the Bill of Lading is Void**. (Sections C, D, E, and F are not required)
5. Date Bill of Lading submitted to the Department: 11/9/2017 b. eDEP Transaction ID: 970392  
(mm/dd/yyyy)
6. Period of Generation Associated with this Bill of Lading 10/3/2017 to 11/21/2017  
(mm/dd/yyyy) (mm/dd/yyyy)

**(All sections of this transmittal form must be filled out unless otherwise noted above)**

The Bill of Lading is not considered complete until the Attestation of Completion of Shipment is received by the Department.

**C. DESCRIPTION OF WASTE AND WASTE SOURCE:**

1. Contaminated Media/Debris (check all that apply):  
 a. Soil     b. Groundwater     c. Surface Water     d. Sediment     e. Vegetation or Organic Debris  
 f. Demolition/Construction Waste     g. Inorganic Absorbent Materials     h. Other: \_\_\_\_\_
2. Uncontainerized Waste (check all that apply):  
 a. Inorganic Absorbent Materials     b. Other: \_\_\_\_\_





**BILL OF LADING (pursuant to 310 CMR 40.0030)**

**C. DESCRIPTION OF WASTE AND WASTE SOURCE (cont.):**

3. Containerized Waste (check all that apply):

- a. Tank Bottoms/Sludges
- b. Containers
- c. Drums
- d. Engineered Impoundments

e. Other: \_\_\_\_\_

4. Estimated Quantity: \_\_\_\_\_  Tons  Cu. Yds.  Gallons

5. Contaminant Source (check one):

- a. Transportation Accident
- b. Underground Storage Tank
- c. Brownfields Redevelopment

d. Other: \_\_\_\_\_

6. Type of Contaminant (check all that apply):

- a. Gasoline
- b. Diesel Fuel
- c. #2 Fuel Oil
- d. #4 Fuel Oil
- e. #6 Fuel Oil
- f. Jet Fuel

g. Waste Oil  h. Kerosene  i. Chlorinated Solvents  j. Urban Fill  k. Other: \_\_\_\_\_

7. Constituents of Concern (check all that apply):

- a. As
- b. Cd
- c. Cr
- d. Pb
- e. Hg
- f. EPH/TPH
- g. VPH

h. PCBs  i. VOCs  j. SVOCs  k. Other: \_\_\_\_\_

8. If applicable, check the box for the Reportable Concentration Category of the site:

- a. RCS-1
- b. RCS-2
- c. RCGW-1
- d. RCGW-2

9. Remediation Waste Characterization Documentation (check at least one):

- a. Site History Information
- b. Sampling Analytical Methods and Procedures
- c. Laboratory Data

d. Field Screening Data  e. Characterization Documentation previously submitted to the Department

i. Date submitted: \_\_\_\_\_ ii. Type of Documentation: \_\_\_\_\_  
(mm/dd/yyyy)

**D. TRANSPORTER OR COMMON CARRIER INFORMATION:**

1. Transporter/Common Carrier Name: NEDT

2. Contact First Name: MIKE 3. Last Name: ROBERTSON

4. Street: 83 GILMORE DRIVE 5. Title: PRES & GEN MNGR

6. City/Town: SUTTON 7. State: MA 8. Zip Code: 015900000

9. Telephone: 5082344440 10. Ext: \_\_\_\_\_ 11. Email: mrobertson@nedtinc.com



**BILL OF LADING (pursuant to 310 CMR 40.0030)**

**E. RECEIVING FACILITY/TEMPORARY STORAGE LOCATION:**

1. Operator/Facility Name: ESMI

2. Contact First Name: MIKE 3. Last Name: PHELPS

4. Street: 67 INTERNATIONAL DRIVE 5. Title: VP SALES & MARKETING

6. City/Town: LOUDON 7. State: NH 8. Zip Code: 033070000

9. Telephone: 6037830228 10. Ext: \_\_\_\_\_ 11. Email: \_\_\_\_\_

12. Type of facility: (check one)

a. Temporary Storage i. Period of Temporary Storage \_\_\_\_\_ to \_\_\_\_\_  
(mm/dd/yyyy) (mm/dd/yyyy)

ii. Reason for Temporary Storage: \_\_\_\_\_

b. Asphalt Batch/Hot Mix  c. Landfill/Disposal  d. Landfill/Structural Fill  e. Landfill/Daily Cover

f. Asphalt Batch/Cold Mix  g. Thermal Processing  h. Incinerator  i. Other: \_\_\_\_\_

13. Division of Hazardous Waste/Class A Permit Number: \_\_\_\_\_

14. Division of Solid Waste Permit Number: DES-SW-SP-002

15. EPA Identification Number: NH5986485852

**F. LSP SIGNATURE AND STAMP:**

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this submittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR 4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief, the assessment action(s) undertaken to characterize the Remediation Waste which is (are) the subject of this submittal for acceptance at the facility identified in this submittal comply with applicable provisions of 310 CMR 40.0000, and such facility is permitted to accept Remediation Waste having the characteristics described in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP #: \_\_\_\_\_

2. First Name: \_\_\_\_\_ 3. Last Name: \_\_\_\_\_

4. Telephone: \_\_\_\_\_ 5. Ext: \_\_\_\_\_ 6. Email: \_\_\_\_\_

7. Signature: \_\_\_\_\_

8. Date: \_\_\_\_\_  
(mm/dd/yyyy)

9. LSP Stamp:





**BILL OF LADING (pursuant to 310 CMR 40.0030)**

**G. PERSON SUBMITTING BILL OF LADING:**

1. Check all that apply:  a. change in contact name  b. change of address  c. change in the person undertaking response actions
2. Name of Organization: TOWN OF LEICESTER
3. Contact First Name: JAMES 4. Last Name: PURCELL
5. Street: 3 WASHBURN SQUARE 6. Title: INTERIM TOWN MANAGER
7. City/Town: LEICESTER 8. State: MA 9. Zip Code: 015240000
10. Telephone: 5088927000 11. Ext: \_\_\_\_\_ 12. Email: \_\_\_\_\_

**H. RELATIONSHIP TO SITE OF PERSON SUBMITTING BILL OF LADING:**

Check here to change relationship

1. RP or PRP  a. Owner  b. Operator  c. Generator  d. Transporter  
 e. Other RP or PRP Specify: NON-SPECIFIED PRP
2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)
3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))
4. Any Other Person Undertaking Response Actions: Specify Relationship: \_\_\_\_\_

**I. REQUIRED ATTACHMENT AND SUBMITTALS:**

1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approvals issued by DEP or EPA. If the box is checked, you must attach a statement identifying the applicable provisions thereof.
2. Check here if any non-updatable information provided on this form is incorrect, e.g. Release Address/Location Aid. Send corrections to BWSC.eDEP@state.ma.us
3. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

**J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING:**

1. I, \_\_\_\_\_, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: \_\_\_\_\_ 3. Title: INTERIM TOWN MANAGER
4. For: TOWN OF LEICESTER 5. Date: \_\_\_\_\_  
(Name of person or entity recorded in Section G) (mm/dd/yyyy)



**BILL OF LADING (pursuant to 310 CMR 40.0030)**

**J. CERTIFICATION OF PERSON SUBMITTING BILL OF LADING (cont.) :**

6. Check here if the address of the person providing certification is different from address recorded in Section G.

7. Street: \_\_\_\_\_

8. City/Town: \_\_\_\_\_ 9. State: \_\_\_\_\_ 10. Zip Code: \_\_\_\_\_

11. Telephone: \_\_\_\_\_ 12. Ext: \_\_\_\_\_ 13. Email: \_\_\_\_\_

**YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO \$10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.**

Date Stamp (MassDEP USE ONLY):

Received by DEP on 11/28/2017 2:43:07 PM



BILL OF LADING (pursuant to 310 CMR 40.0030)

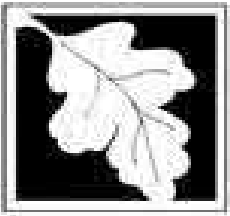
Release Tracking Number

SUMMARY OF SHIPMENT SHEET 1 OF 1

2 - 20320

**A. SUMMARY OF SHIPMENT (To be filled out by the receiving facility upon receipt of Remediation Waste):**

1. Date of Shipment: (mm/dd/yyyy)	2. Date of Receipt: (mm/dd/yyyy)	3. Number of Loads Shipped:	4. Daily Volume Shipped: <input type="checkbox"/> yds3 <input checked="" type="checkbox"/> tons <input type="checkbox"/> gals
11/15/2017	11/15/2017	1	20.76
11/16/2017	11/16/2017	1	15.95
5. Totals Recorded on this Summary of Shipment Sheet:		2	36.71



**BILL OF LADING (pursuant to 310 CMR 40.0030)**  
**SUMMARY SHEET SIGNATURE PAGE**

**A. ACKNOWLEDGEMENT OF RECEIPT OF REMEDIATION WASTE AT RECEIVING FACILITY OR TEMPORARY STORAGE:**

1. I, STEVE BENNITT, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: STEVE BENNITT 3. Title: COMPLIANCE MANAGER

4. For: ESMI OF NEW HAMPSHIRE 5. Date: 11/22/2017  
(mm/dd/yyyy)

6. Date of Final Shipment associated with this Bill of lading: 11/16/2017  
(mm/dd/yyyy)

**B. ACKNOWLEDGEMENT OF SHIPMENT AND RECEIPT OF REMEDIATION WASTE BY PERSON CONDUCTING RESPONSE ACTIONS ASSOCIATED WITH THIS BILL OF LADING:**

1. I, JAMES PURCELL, attest under the pains and penalties or perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

2. By: JAMES PURCELL 3. Title: \_\_\_\_\_

4. For: TOWN OF LEICESTER 5. Date: 11/28/2017  
(Name of person or entity recorded in Section G) (mm/dd/yyyy)

6. Check here if the address of the person providing certification is different from address recorded in BWSC112 Section G.

7. Street: \_\_\_\_\_

8. City/Town: \_\_\_\_\_ 9. State: \_\_\_\_\_ 10. Zip Code: \_\_\_\_\_

11. Telephone: \_\_\_\_\_ 12. Ext: \_\_\_\_\_ 13. Email: \_\_\_\_\_

14. Check here if attaching optional supporting documentation such as copies of Load Information Summary Sheets

**APPENDIX D**  
**PUBLIC INVOLVEMENT LETTER AND NOTIFICATOIN**



November 28, 2017

Town of Leicester  
Board of Selectmen  
3 Washburn Square  
Leicester, MA 01524

**Re:    *Release Notification Form, IRA Completion Report  
and PSS with No Conditions  
Leicester Middle School  
70 Winslow Avenue, Leicester MA  
MassDEP RTN 2-20320  
OEG Project No. 4094***

To Whom It May Concern:

In accordance with the Massachusetts Contingency Plan (MCP) [(310 CMR 40.1403(3)(h))] and on behalf of the Town of Leicester (as the potentially responsible party), the purpose of this letter is to Notify the Town of Leicester:

- Of a release of #2 fuel oil that has occurred at the above-referenced Site. The enclosed copy of the Release Notification Form (RNF) (BWSC-103), which was submitted to the Massachusetts Department of Environmental Protection (MassDEP) under Release Tracking Number (RTN) 2-20320, provides more information concerning the release; and
- An Immediate Response Action (IRA) Completion Report and Permanent Solution Statement (PSS) with No Conditions has been submitted to the Massachusetts Department of Environmental Protection (MassDEP) for the above-referenced Release Tracking Number (RTN 2-20320).

A copy of the Immediate Response Action Completion Report and PSS with No Conditions may be viewed at the MassDEP Central Regional Office located in Worcester, Massachusetts, online at [www.mass.gov/dep](http://www.mass.gov/dep) or a copy may be obtained from Omni Environmental Group at the letterhead address.



Please do not hesitate to contact the undersigned at (978) 256-6766 if you have any questions, comments, or require additional information.

Sincerely,  
Omni Environmental Group, LLC

*Gregory Morand*

Gregory R. Morand, L.S.P.  
Principal

*Stephen Van Wormer*

Stephen Van Wormer  
Sr. Environmental Scientist

Cc: Town of Leicester Board of Health, 3 Washburn Square, Leicester, MA 01524

## Appendix F

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### Site Photographs



Photographs of the Leicester Middle School



Exterior view of the school from the southern parking lot.



Parking lot along the eastern side of the school building.



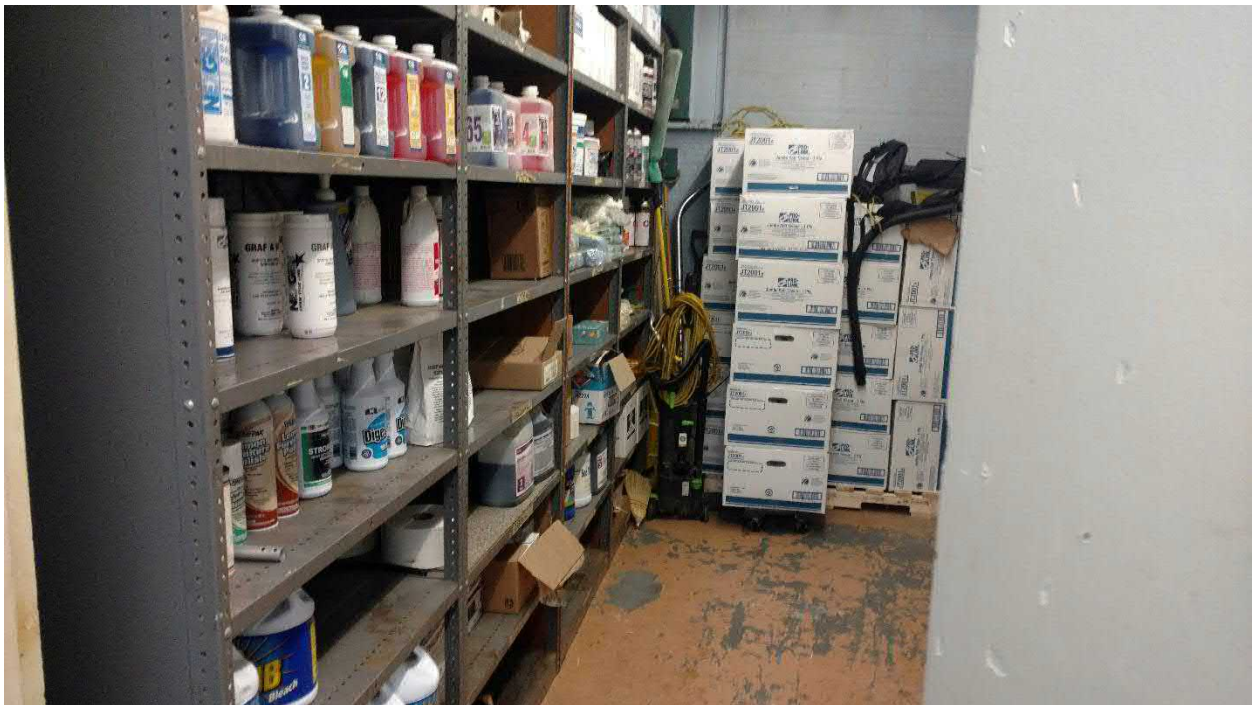
Garage in the northeastern corner of the Site that was storing salt.



Cafeteria.



Cafeteria grease trap.



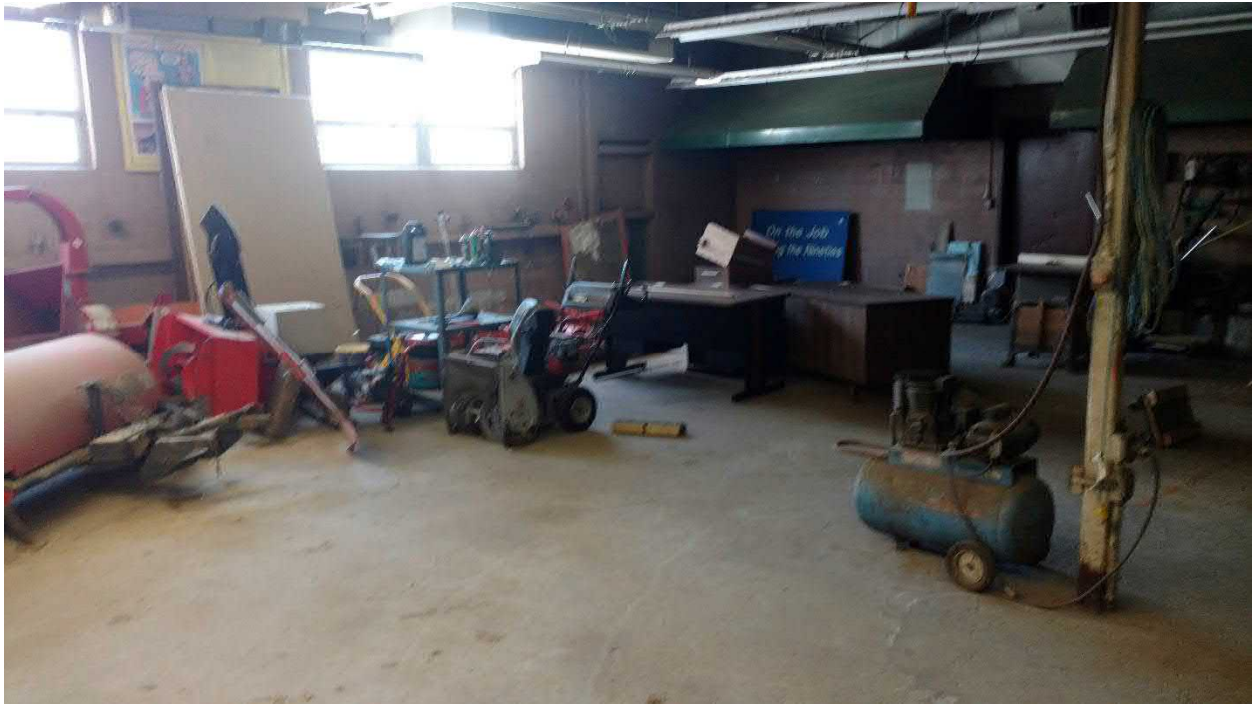
Maintenance department supply closet.



Maintenance department supply closet.



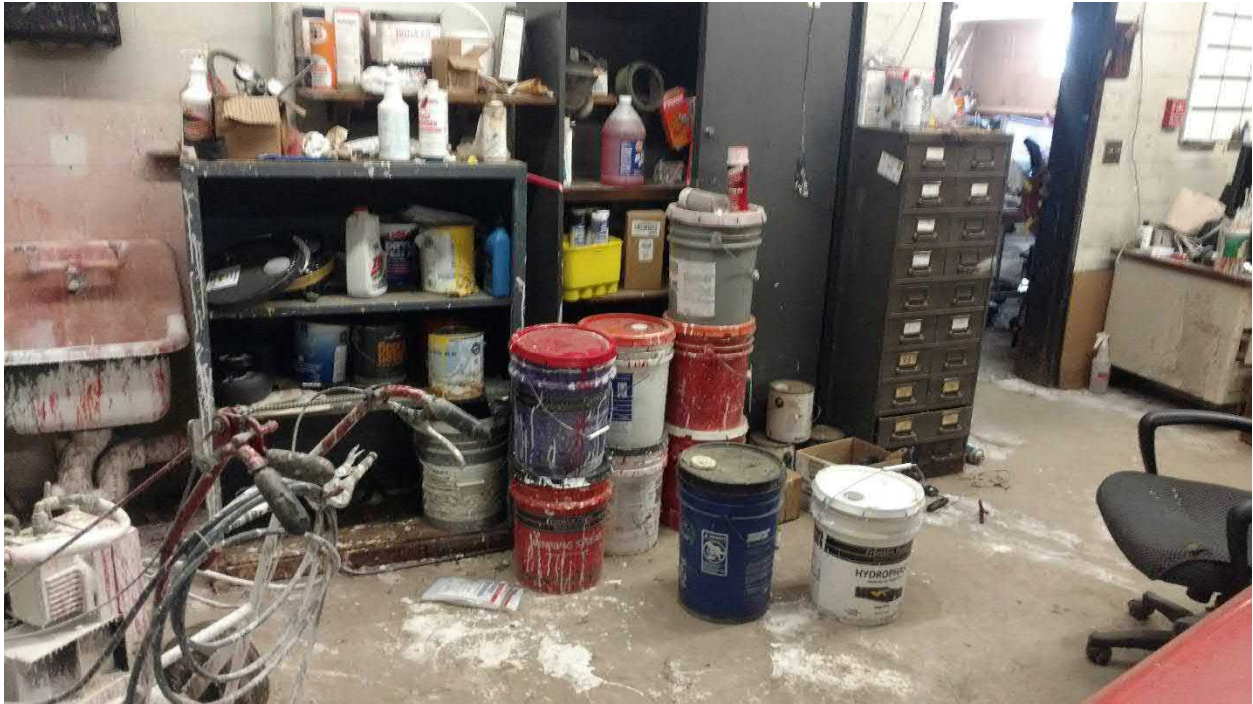
Flammables cabinet near the maintenance garage that stores science classroom chemicals.



Maintenance garage.



Maintenance garage.



Maintenance garage.

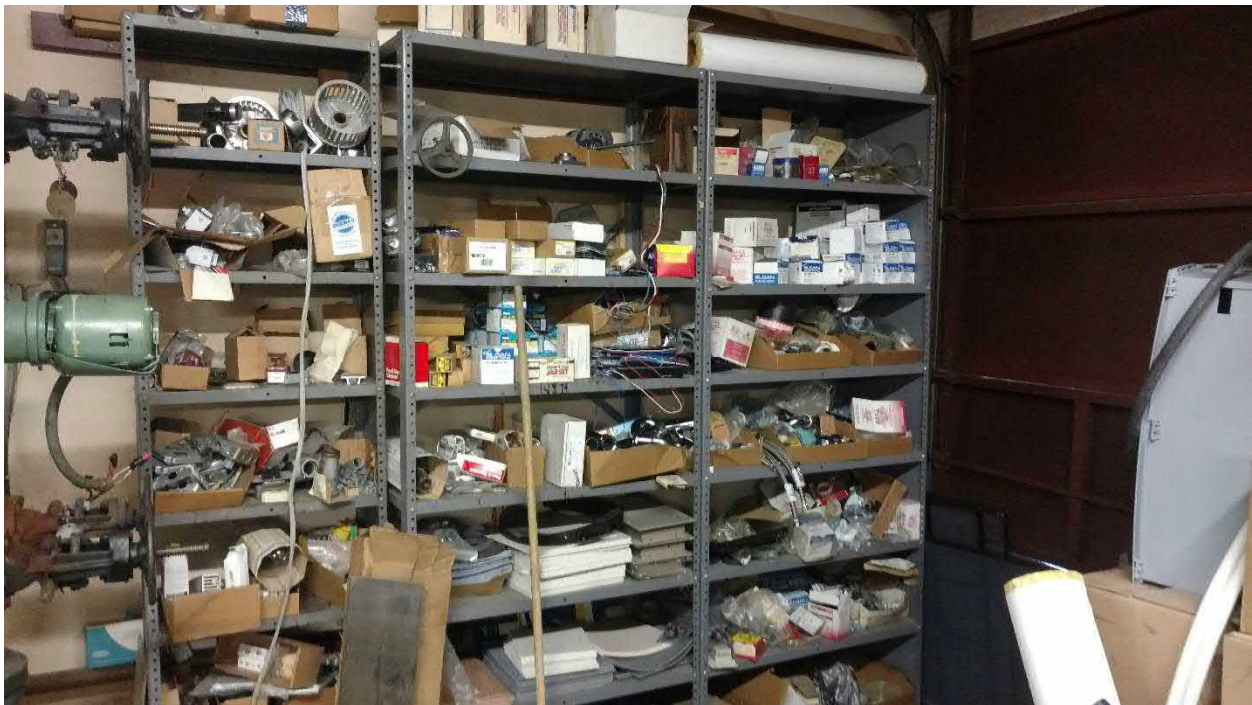


Maintenance garage floor drain.





Boiler room.



Boiler room storage.



Boiler room.



AST that fuels the boilers.



Electrical transformer.

