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report

ASTM Phase I Environmental Site Assessment

Former J.T. Berry Rehabilitation Center
102 and 104 Lowell Road
North Reading, MA

December 2014

**ASTM Phase I Environmental Site Assessment
102 and 104 Lowell Road
North Reading, Massachusetts**

Richard S. Vandenberg

Richard S. Vandenberg, CG, PG
Senior Project Manager
Reviewer

December 24, 2014
Date

This ESA was prepared by a Qualified Environmental Professional (EPs) as defined in ASTM E1527-13 and EPA's AAI Final Rule. I declare that, to the best of our professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in § 312.20 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312. Please note that the signatory is not acting in their LSP capacity or as an LSP-of-Record under the provisions of the Massachusetts Contingency Plan, 310 CMR 40.0000.

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EXECUTIVE SUMMARY

Weston & Sampson was contracted by the Town of North Reading, Massachusetts (the Town) to perform a Phase I Environmental Site Assessment (ESA) of the property located at 102 and 104 Lowell Road in North Reading, Massachusetts (the Site). The ESA was initiated by the Town to evaluate the environmental conditions of the Site in preparation for potential property transfer and future site redevelopment. This ESA was performed in accordance with ASTM International's Standard practice E1527-13 which is compliant with the federal All Appropriate Inquiry (AAI) rule.

The Site consists of the western portion of the former J.T. Berry Rehabilitation Center, which was a state-run healthcare facility from the 1920s to the early 1990s. The eastern portion of the former healthcare facility was redeveloped between 2006 and 2008 as residential apartments (Edgewood Apartments). The Site is in adjoined by concrete, asphalt, sand, and stone facilities to the north and west. Wetlands adjoin the Site to the south.

Many of the environmental concerns related to the existence, and day-to-day operations, of the J.T. Berry Rehabilitation Center were associated with the eastern portion of the facility (Edgewood Apartments); however, some concerns related to the redevelopment of the Site still exist.

The Phase I ESA findings are as follows:

- Historical land development often involved the reuse of coal slag and clinkers material for backfill. This material was noted on surface at the Site. The presence of coal slag and clinkers, and other areas unnatural topography suggesting the possibility of buried materials is considered a recognized environmental condition (REC).
- A pile of waste concrete containing Orangeberg pipe, which may be asbestos-containing material (ACM) was observed on the Site. The presence of waste suspect ACM at the Site is considered a REC.
- Several areas of construction and demolition debris mixed with surface soils were observed at the Site. The presence of construction and demolition debris at the Site, along with the documented existence of ACM and polychlorinated biphenyl's (PCBs) in former buildings associated with the J.T. Berry Rehabilitation Center is considered a REC.
- A review of the MassDEP files associated with the adjacent Edgewood Apartments property at 100 Lowell Road revealed that some residual contamination associated with USTs was left in place during the previous remediation and redevelopment of the property. Based on an assumed groundwater flow direction toward the Site, this residual contamination has the potential to impact subsurface conditions at the Site. The potential impact to the Site is considered a REC.
- During the Site visits, Weston & Sampson observed four existing environmental groundwater monitoring wells at the Site. The presence of groundwater monitoring wells at the Site is associated with the Edgewood wastewater treatment system considered a REC because the condition of the groundwater in this area of the Site is not known.

To determine if contaminants are present at the Site, Weston & Sampson recommended a Phase II Environmental Site Assessment be completed to assess the above-mentioned RECs.

1 INTRODUCTION

Weston & Sampson, on behalf of the Town of North Reading (the Town), has prepared this Phase I Environmental Site Assessment (ESA) Report for the properties located at 102 and 104 Lowell Road in North Reading, Massachusetts (the Site; the Target Property). Weston & Sampson was requested by the Town to complete an ASTM Phase I ESA of the Site in advance of an anticipated property transfer between the current owner, the Commonwealth of Massachusetts, and the Town.

The ESA was performed in accordance with the Phase I Environmental Site Assessment (Standard Practice E 1527-13), as developed by the American Society for Testing and Materials (ASTM), the Oil and Hazardous Material Release Prevention and Response Act Massachusetts General Law Chapter 21E (MGL c. 21E), and EPA's All Appropriate Inquiry (AAI) standard. The ESA included an environmental database search; review of local, state, and federal regulatory agency files; and a limited reconnaissance of the Site and vicinity for potential off-Site contamination sources. This report is subject to the Limitations described in Section 10.0.

1.1 Purpose

The Phase I ESA was performed to assess the Site with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and petroleum products. This practice is intended to permit the Town to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability: that is, the practices that constitute "all appropriate inquiry into the previous ownership and uses of the Site consistent with good commercial or customary practice" as defined in 42 U.S.C. § 9601(35)(B).

The objective of the Phase I ESA is to identify recognized environmental conditions in connection with the property at the time of the property evaluation. The term "recognized environmental condition" (REC) referenced in the ASTM standard, E1527-13, refers to "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property." The ASTM definition does not include, "de minimis" conditions, which generally do not present a threat to human health or the environment and would not be the subject of an enforcement action if brought to the attention of the appropriate governmental agencies; therefore, de minimis conditions are not considered RECs. Additionally, "controlled recognized environmental condition" (CREC) referenced in ASTM E1527-13, refers to "sites where a REC from past releases has been addressed to meet regulatory standards and either hazardous substances or petroleum remain in place with implementation of required controls to reduce risk of exposure."

This ESA was conducted utilizing a standard of good commercial and customary practice that is consistent with the ASTM Practice E 1527-13. Any significant scope-of-work additions, deletions or deviations to ASTM Practice E 1527-13 are noted below or in the corresponding sections of this report. The scope of work for this assessment included an evaluation of the following:

- Physical characteristics of the Site through a review of referenced sources for topographic, geologic, soil and hydrologic data;

- Site history through a review of referenced sources such as land deeds, fire insurance maps, city directories, aerial photographs, prior reports, and interviews;
- Current Site conditions, including a site reconnaissance to observe conditions exposed at the ground surface for evidence of previous and current property usage, and indications of environmental impacts (e.g., stressed vegetation, staining, etc.), as well as interviews regarding: the presence or absence of hazardous substances or petroleum products; generation, treatment, storage, or disposal of hazardous, regulated, or biomedical waste; equipment that utilizes oils which potentially contain PCBs; and storage tanks (aboveground and underground);
- Usage of surrounding area properties and the likelihood for releases of hazardous substances and petroleum products (if known and/or suspected) to migrate onto the Site;
- Information in referenced environmental agency databases and local environmental records for sites located within specified minimum search distances;
- Third party review of environmental liens;
- Past ownership through a review of available prior reports and local municipal files; and
- Vapor encroachment screening based on information obtained via the environmental database report, local and/or state research and interview documentation.

The scope of work did not include the consideration of potential environmental conditions that are outside the scope of ASTM Practice E 1527-13 including, but not limited to, asbestos-containing materials (ACM), lead-based paint (LBP), lead in drinking water, and radon.

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2 SITE DESCRIPTION

2.1 Site Ownership and Location

Site Owners:	Commonwealth of Massachusetts
Site Occupants:	Unoccupied
Site Location:	102 and 104 Lowell Road, North Reading, Massachusetts
County:	Middlesex
Parcel IDs:	213/014.0-0000-0148.0 and 213/007.0-0000-0002.0
Latitude/Longitude:	42° 34' 57.00" North 71° 07' 42.60" West
UTM Coordinates:	Zone 19 325,331.2 meters East 4,716,435.5 meters North
Size:	36.7 acres

The Site consists of two parcels of land totaling 36.7 acres located at 102 Lowell Road (2.49 acres) and 104 Lowell Road (34.21 acres) in the Town of North Reading, Massachusetts. The two parcels, collectively referred to as the Site, are divided by the entrance road to Edgewood Apartments at 100 Lowell Road. Edgewood Apartments (Edgewood) borders the Site to the east. The Site is bordered by Martins Brook and land owned by the Town of North Reading to the South, which includes the Town's water treatment facility. To the west, the Site is bordered by vacant land owned by the Town of North Reading and, in the Town of Wilmington, land owned and occupied by Concrete Investments, LLC. North of the Site, across Lowell Road (Salem Street in Wilmington), is land owned by Benevento Family Limited Partnership. A Locus Map showing the location and general surroundings of the Site is provided as Figure 1 and Site photographs are included in Appendix A.

2.2 Current Use of the Property

The Site is currently unoccupied. Winding paths are used by trespassers for recreation, including hiking and dog walking, as well as riding all-terrain vehicles (ATVs).

2.3 Former Use of the Property

Between the 1920s and the early 1990s, the Site was the eastern portion of the J.T. Berry Rehabilitation Center (J.T. Berry Center). The J.T. Berry Center was a Massachusetts-run healthcare facility, functioning as a tuberculosis infirmary for the majority of its existence. The facility was almost entirely self-sufficient, and included a power plant, drinking water well field and towers, wastewater treatment facility, greenhouses, carpentry shop, dining halls, recreation hall, and residential housing. The majority of the buildings and infrastructure was on the eastern portion of the J.T. Berry Center, now occupied by Edgewood Apartments. Buildings located on the Site included a residential building and a recreation hall.

2.4 Description of Structures, Roads, Other Improvements on the Site

The Site is accessible from Lowell Road at the Wilmington/North Reading line through a gated entryway. The Site is improved with one small building (shed) located in the northeast quadrant. An asphalt/dirt road extends from the entrance at Lowell Road east across the Site. Several dirt trails branch off the main dirt road in all directions leading either back to Lowell Road (Salem

Street in Wilmington), the Edgewood property, or Martins Brook. Weston & Sampson observed evidence of tunnels, formerly used to carry steam conveyance piping from the power plant to satellite buildings, still exist on the property. Although not an environmental issue if left in-place, steam tunnels often contain insulation that may be classified as ACM, and require special handling during redevelopment. Additionally, some other relict structures remain in-place associated with the former J.T. Berry Center such as stairways, utility poles, and signage.

2.5 Current Uses of Adjoining Properties

The Edgewood property, immediately to the east of the Site, was part of the original approximately 85 acres occupied by the J.T. Berry Center. The Edgewood property is now used for residential housing. To the south, across Martins Brook, is the Town of North Reading Water Treatment Plant. The adjoining property to the west operates as pre-cast concrete facility. To the north, across Lowell Road (Salem Street in Wilmington), are a concrete batching plant, and asphalt batching plant, and an active quarry.

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3 USER PROVIDED INFORMATION

Ms. Danielle McKnight, Town Planner at the Town of North Reading Community Planning Department for the purpose of this Phase ESA was identified as the User. A User Questionnaire completed by Ms. McKnight and is included Appendix B. The information requested in the User Questionnaire is intended to assist in gathering evidence to identify RECs at the Site. Appendix B also contains several reports and documents provided to Weston & Sampson by Ms. McKnight and Massachusetts Division of Capital Asset Management and Maintenance (DCAMM), the current owner of the property. The following is a summary of the User Questionnaire, as completed by Ms. McKnight.

3.1 Environmental Liens

Ms. McKnight was not aware of any environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state, or local law.

3.2 Activity and Use Limitations

Ms. McKnight was not aware of any Activity and Use Limitation (AUL) implemented at the Site.

3.3 Specialized Knowledge

Ms. McKnight reported no experience related to or specialized knowledge of RECs, historical recognized environmental conditions (HRECs), or other potential environmental concerns in connection with the Site or nearby properties.

3.4 Commonly Known or Reasonable Ascertainable Information

Ms. McKnight did not report any commonly known or reasonably ascertainable information about the Site that would be indicative of releases or threatened releases.

3.5 Valuation Reduction for Environmental Issues

The purchase price is reportedly below market value, but it not reportedly due to environmental issues

3.6 Degree of Obviousness of Contamination

The user reported that obvious indicators that point to the presence or likely presence of contamination at the Site do exist, citing suspect ACM and a leaky oil drum. Please note that the leaky drum referred to by Ms. McKnight was determined by Weston & Sampson to be located located on the adjacent property and not likely to impact the Site.

3.7 Summary of Information Provided by the User

Ms. McKnight, on behalf of the Town of North Reading, provided Weston & Sampson with documents related to the operations of the J.T. Berry Center and its structures, utilities, and facilities, as well as documents related to releases to the environment, and a previous Phase I ESA. Documents provided by Ms. McKnight were made available by DCAMM. Many of the documents provided by Ms. McKnight are associated with documented releases tracked by MassDEP on the adjacent property (Edgewood). A discussion of these releases are included in Section 4.4.

1998 Dames & Moore Phase I ESA

In December 1998, Dames & Moore, Inc. (D&M), previously of Salem, New Hampshire, completed a Phase I ESA on behalf of DCAMM (formerly DCAM). The D&M Phase I ESA included all of the former J.T. Berry Center property, which includes the Site. During the investigation, D&M

was able to access most of the buildings located on the property, including all of the buildings. In addition to the RECs presented below, D&M observed suspect asbestos-containing material (ACM) in many buildings. Although not a REC when in its place of original installation, ACM becomes a REC when it is a waste.

The RECs identified in the D&M Phase I ESA included:

1. *Separate phase petroleum (No. 6 fuel oil) and petroleum-contaminated soil and groundwater...in the vicinity of the former 20,000-gallon USTs, which were removed in 1990.*

This REC references the petroleum contamination associated with RTNs 3-0003557, which is discussed in Section 4.4. Weston & Sampson also considers the residual contamination associated with this release a REC.

2. *Typical 275-gallon heating oil storage tanks were observed in the basement of...Building #14.*

This REC references an aboveground storage tank (AST) in Building #14, which was formerly located at the Site. Other buildings mentioned in this REC were located on what is now the Edgewood property, D&M does not discuss obvious leaking or staining associated with the observed AST in Building #14. The Town of North Reading Fire Department records indicate that the AST in question was removed in January of 1999. Because no leaking or staining was reported associated with the removal of the AST in question, and the AST was removed soon after the D&M Phase I, it is not likely to have impacted subsurface conditions at the Site. Weston & Sampson does not consider the presence of an AST a REC without evidence of a release, whether visual, olfactory, or analytical.

1999 Rizzo UST Closure Report

In December 1999, Rizzo Associates, Inc. (Rizzo), submitted a closure report for two underground storage tanks (USTs) removed from the J.T. Berry Center power plant (Edgewood property). The UST removal was associated with RTN 3-000357, and is discussed in Section 4.4.

Hazardous Materials and Asbestos Surveys 1992, 1996, 2002, and 2007

Weston & Sampson was provided with several reports describing previous hazardous waste and asbestos surveys conducted at the J.T. Berry Center from 1992 to 2007. All of the reports document the existence of asbestos and polychlorinated biphenyls (PCBs) associated with building materials and transformers observed at the J.T. Berry Center. Although these materials are well-documented at, and in the case of the PCBs in transformers, formerly on the adjacent property (Edgewood), no documentation of the proper disposal of these materials was identified.

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4 DATABASE SEARCH REPORT AND PUBLIC RECORDS

4.1 Electronic Database Search

A review of standard environmental databases maintained by federal, state, and tribal offices was completed through Environmental Data Resources (EDR) of Shelton, Connecticut. The databases were searched for properties with reported environmental conditions located within approximate minimum search distances as specified by ASTM Standard E1527-13. The databases use geocoded information to identify the coordinates of the properties in the databases or to check the street addresses of practically reviewable non-geocoded “orphan” properties located within the same zip code. The detailed database report and limitations of the search criteria are contained in Appendix C, which also defines database acronyms that are not explicitly defined in this discussion.

The database report identified 20 “orphan sites.” Orphan sites are those sites that could not be accurately mapped or geocoded due to inadequate location information. Weston & Sampson identified two of the orphan sites, containing two orphan records, as the adjacent property to the east, which is part of the former J.T. Berry Center. One of the two records is discussed in the below, and the other is outside of the appropriate search distance and not discussed. Weston & Sampson attempted to locate all other orphan sites via internet research, vehicular reconnaissance and/or interviews with personnel familiar with the area. Based on this research, Weston & Sampson did not identify any other listed orphan sites that are likely to have impacted conditions at the Site.

It should be noted that plotted locations of listed sites are not always accurate. With regard to listings that are determined or suspected to be inaccurate, based on information from other sources such as direct observation or consultation with individuals familiar with the property, Weston & Sampson uses the best available data when evaluating the location of listed sites discussed below.

The following table provides a summary of findings of EDR’s report based on ASTM Standard E1527-13 approximate minimum search distances. Search distances prescribed to databases searched that are not explicitly described by ASTM Standard E1527-13 are based on professional option of the QEP. The Target Property (i.e. the Site) and specific properties identified within the database report are further discussed below.

SUMMARY OF EDR’S REGULATORY DATABASE SEARCH FINDINGS			
Regulatory Database	Approximate Minimum Search Distance	Target Property Listed (Site)	Off-site Listings Within Search Distance
Federal NPL Sites	1.0 mile	No	0
Federal Delisted NPL Sites	0.5 mile	No	0
Federal CERCLIS Sites	0.5 mile	No	0
Federal CERCLIS NFRAP Sites	0.5 mile	Yes	0
Federal RCRA CORRACTS Sites	1.0 mile	No	0
Federal RCRA non-CORRACTS TSD Sites	0.5 mile	No	0
Federal RCRA Generator Sites	Target and Adjoining Properties	No	2
Federal Engineering / Institutional Control Sites	Target Property	No	NA
Federal ERNS Sites	Target Property	No	NA

SUMMARY OF EDR'S REGULATORY DATABASE SEARCH FINDINGS			
Regulatory Database	Approximate Minimum Search Distance	Target Property Listed (Site)	Off-site Listings Within Search Distance
State and Tribal equivalent NPL Sites	1.0 mile	No	0
State and Tribal equivalent CERCLIS Sites	0.5 mile	No	3
State and Tribal Landfill or Solid Waste Disposal Sites	0.5 mile	No	1
State and Tribal Leaking Storage Tank Sites	0.5 mile	No	2
State and Tribal Registered Storage Tank Sites	Target and Adjoining Properties	No	1
State and Tribal Engineering / Institutional Control Sites	Target Property	No	NA
State and Tribal Voluntary Cleanup Sites	0.5 mile	No	0
State and Tribal Brownfields Sites – BROWNFIELDS Database	0.5 mile	No	0
Federal RCRA Non-Generator Sites	Target and Adjoining Properties	No	1
Mines Master Index File – US MINES Sites	Target and Adjoining Properties	No	2
MassDEP Hazardous Waste Generators – HW GEN Sites	Target and Adjoining Properties	No	1
Mercury Collection Locations – MERCURY Sites	0.5 mile	No	1
Massachusetts Release Tracking Database (RELEASE)	Target Property	No	NA

The discussion in the following sections serves to highlight findings of the database search that may have the potential to present RECs at the Site. Specific properties identified in the above regulatory databases may tend to pose a risk to the Site based on characteristics such as proximity, elevation, type of contaminant and regulatory status. Whether or not a REC associated with an off-site source has the potential to impact the Site depends on the distance of the source from the Site, its direction from the Site relative to the flow of groundwater, the magnitude of the release, contaminant type, and location. In general, off-site RECs with sources that are proximate to, and hydraulically upgradient of the Site have the potential to impact the Target Property. The presumed direction of groundwater flow at the Site is to the south toward Martins Brook.

4.1.1 Federal Agency Database Listings

National Priority List (NPL)

The NPL database, also known as the Superfund List, is a subset of CERCLIS and identifies sites that are ranked as high priority for remedial action under the Federal Superfund Act. Neither the Target Property nor any properties located within a 1.0-mile radius of the Target Property are identified on the NPL.

Delisted National Priority List (NPL)

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes 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. Neither the Target Property nor any properties located within a 1.0-mile radius of the Target Property are identified on the Delisted NPL database.

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

CERCLIS contains data regarding potentially hazardous waste sites that have been reported to the EPA by states, municipalities, private companies, and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites that are included on the National Priority List (NPL), as well as sites which are in the screening and assessment phase for possible inclusion on the NPL. Neither the Target Property nor any properties located within a 0.5-mile radius of the Target Property are identified on the NPL.

CERCLIS – No Further Remedial Action Planned (CERCLIS-NFRAP)

As of February 1995, CERCLIS sites designated as No Further Remedial Action Planned (NFRAP) have been removed from the CERCLIS list. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed without the need for the site to be placed on the NPL, or the contamination was not considered sufficient to warrant Federal Superfund action or NPL consideration. The EDR report identified the Target Property on the CERCLIS-NFRAP database. Information regarding the CERCLIS-NFRAP record is presented in the following table.

CERCLIS-NFRAP			
Site	Distance / Direction / Gradient*	EPA ID	Regulatory Status
J.T. Berry Center Lowell Road North Reading, MA	Target Property	1003862352 - MAD980909147	Discovery Date: 11/1/1980 Priority Level: Not Reported Archive Site: 11/1/1980 Status: Does Not Qualify for NPL

* Presumed hydrogeologic gradient based upon regional topography and inferred groundwater flow direction

Weston & Sampson is of the opinion that the CERCLIS-NFRAP record identified in the EDR report and summarized in the table above is not likely to pose a threat to the subsurface conditions of the Site based on the closed regulatory status. Specifically, it appears that the Target Property was identified, assessed, and determined not to pose a substantial environmental threat in November of 1980.

Resource Conservation and Recovery Act (RCRA) – Corrective Action Tracking System (CORRACTS)

RCRAInfo is EPA's comprehensive information system that provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976, and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information regarding sites that generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. The RCRA-CORRACTS database identifies treatment, storage, and/or disposal (TSD) facilities that have conducted, or are currently conducting, corrective action(s) as regulated under RCRA. Neither the Target Property nor any properties located within a 1.0-mile radius of the Target Property on the RCRA-CORRACTS database.

RCRA non-CORRACTS Treatment, Storage and/or Disposal Facilities

RCRA non-CORRACTS TSD facilities are required to register hazardous waste activity under the Resource Conservation and Recovery Act. Neither the Target Property nor any properties located within a 0.5-mile radius of the Target Property are identified on the RCRA non-CORRACTS TSD database.

RCRA Hazardous Waste Generators

Hazardous waste generators tracked under RCRA are classified as either Large Quantity Generators (LQGs), Small Quantity Generators (SQGs), or Conditionally Exempt Small Quantity Generators (CESQG). A RCRA-LQG is defined as a facility that generates over 1,000 kilograms (Kg) of hazardous waste, or over 1 Kg of acutely hazardous waste per month. A RCRA-SQG is defined as a facility that generates between 100 Kg and 1,000 Kg of hazardous waste per month. A RCRA-CESQG is defined as a facility that generates less than 100 Kg of hazardous waste, or less than 1 Kg of acutely hazardous waste per month. The EDR database report identified two properties which are adjoined to the Target Property on the RCRA Generators database. The Target Property was identified in the RCRA Generators database. Information regarding the RCRA Generator sites is presented in the following table.

RCRA Generators			
Site	Distance / Direction / Gradient*	EPA ID	Regulatory Status
Aggregate Industries 900 Salem Street Wilmington, MA	0.011 mile / West-northwest / Downgradient	1016448890	Class: CESQG Waste code(s): D001, D008, MA01, MA95, MA98 Violation Status: No violations found
Benevento Sand & Stone 900 Salem Street Wilmington, MA	0.011 mile / West-northwest / Downgradient	1016676382	Class: CESQG Waste code(s): D039, MA01 Violation Status: No violations found

* Presumed hydrogeologic gradient based upon regional topography and inferred groundwater flow direction

Weston & Sampson is of the opinion that the two RCRA Generator sites identified in the EDR report and summarized in the table above are not likely to pose a threat to the subsurface conditions of the Site based upon the generator class, distance and gradient relative to the Site, and the fact that no violations were found relative to these listed. Based on this finding Weston & Sampson did not review any other files related to this status.

Federal Engineering Control / Institutional Control Registries

The completion of site cleanup activities may include the implementation of engineering controls or institutional controls as part of the response action. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to eliminate the exposure pathway of regulated substances. 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. Neither the Target Property nor any sites located within a 0.5-mile radius of the Target Property are identified on Federal Engineering Control or Institutional Control Registries.

Emergency Response Notification System (ERNS)

Emergency Response Notification System (ERNS) is a national database used to collect information regarding reported releases of petroleum products and/or hazardous substances. The database contains information from spill reports submitted to federal agencies, including the EPA, the U.S. Coast Guard, the National Response Center, and the U.S. Department of Transportation. A review of this database was conducted in order to determine whether any spills or incidents involving releases of hazardous substances or petroleum products have occurred at the Site. The Target Property is not identified on the ERNS database.

4.1.2 State and Tribal Agency Database Records

State and tribal equivalent NPL and CERCLIS databases

State and tribal equivalent NPL and CERCLIS (collectively SHWS) databases were searched for sites located within 1.0-mile and 0.5-mile radii, respectively, of the Target Property. The EDR report identified three state/tribal equivalent CERCLIS sites located within a 0.5-mile radius of the Target Property. Information regarding the three SHWS sites is presented in the following table.

STATE AND TRIBAL EQUIVALENT NPL SITES AND CERCLIS SITES			
Site	Distance / Direction / Gradient*	Mass RTN	Regulatory Status
J.T. Berry Center Lowell Road North Reading, MA	Adjacent / East / Crossgradient	3-0000599	Notification Date: 1/15/1997 Contaminants: Not reported Media Impacted: Not reported Status: LSP NFA Status Date: 8/4/1995
Residential Property 45 Linwood Avenue North Reading, MA	0.283-mile / South / Downgradient	3-0022803	Notification Date: 4/20/2003 Contaminants: Lead Media Impacted: Not reported Status: Class A-2 RAO Statement Status Date: 4/20/2004
Redimix Corp Salem Street Wilmington, MA	0.127-mile / West-northwest / Downgradient	3-0000914	Notification Date: 3/27/1987 Contaminants: Not Reported Media Impacted: Not Reported Status: Class A-1 RAO Statement Status Date: 2/23/2004

* Presumed hydrogeologic gradient based upon regional topography and inferred groundwater flow direction

The three sites listed in the above table and identified in the EDR database report as State and Tribal Equivalent NPL and CERCLIS sites are not likely to pose a threat to the subsurface conditions of the Site based upon the distance/gradient relative to the Target Property, nature and extent of contamination, and the site closure status. RTN 3-0000599 represents an investigation into a threat of release initiated by an EPA as a part of a Preliminary Assessment. The follow up investigation, completed by a Massachusetts Licensed Site Practitioner (LSP), showed that no release had occurred at the adjacent property. RTN 3-0000599 is discussed in detail in Section 4.4.2. The remaining two releases were closed as Permanent Solutions under the MCP, and represent surficial contamination not likely to migrate onto the property.

State and Tribal Spills Sites (SPILLS)

The Massachusetts SPILLS Database was the release tracking system used by MassDEP prior to October 1, 1993. A review of available SPILLS databases was conducted in order to determine whether any spills or incidents involving releases of hazardous substances or petroleum products have occurred at the Target Property. The Target Property was not identified on the SPILLS databases.

State and Tribal Landfill Sites and Solid Waste Disposal Sites

The state and tribal landfill and solid waste disposal site databases identify active or inactive landfill and transfer station facilities, as well as open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. One property, identified as Wilmington Dump, located within a 0.5-mile radius of the Target Property is identified on state or tribal landfill and solid waste disposal site databases.

STATE AND TRIBAL LANDFILL AND SOLID WASTE DISPOSAL SITES			
Site	Distance / Direction / Gradient*	ID	Regulatory Status
Wilmington Dump Salem Street Wilmington, MA	0.328 mile / Southwest / Downgradient	SL0342.005	Class: Land Disposal Active Year: 1940 Category: MSW Current Status: Inactive Inactive Year: 1957

* Presumed hydrogeologic gradient based upon regional topography and inferred groundwater flow direction

The municipal waste solid waste (MSW) site listed above, although not mapped in the EDR report, is thought to be located southwest of the Target Property across Martins Brook. There are no violations or releases associated with the Wilmington Dump site. The Wilmington Dump site is downgradient of the Target Property and located across a potential hydrogeological barrier (i.e., Martins Brook); therefore, it is unlikely to pose a threat to the Target Property.

State and Tribal Leaking Storage Tank (LST) Sites

Leaking Storage Tank Sites are properties where releases of hazardous substances or petroleum products from underground storage tanks (USTs) and/or aboveground storage tanks (ASTs) have been identified and reported to state, tribal, or local agencies. The EDR Report identified 1 LST sites located within a 0.5-mile radius of the Target Property. Additionally, one of the Orphans sites, identified as the power plant area (Edgewood property) of the former J.T. Berry Center, was identified on the LST database. Information regarding the two LST listings located within 0.5-miles of the Target Property is presented in the following table.

STATE AND TRIBAL LEAKING STORAGE TANK SITES			
Site	Distance / Direction / Gradient*	Mass RTN	Regulatory Status
Heffron Materials 800 Salem Street Wilmington, MA	0.011 mile / West-northwest / Crossgradient	3-0016522	Notification Date: 2/20/1998 Contaminants: #2 Fuel Oil/Diesel Fuel Media Impacted: Soil Status: Class A-2 RAO Status Date: 6/1/1998
J.T. Berry Center Lowell Road North Reading, MA	Adjacent / East / Crossgradient	3-0003557	Notification Date: 4/15/1991 Contaminants: #6 Fuel Oil Media Impacted: Soil Status: Class A-2 RAO Status Date: 8/7/2007

* Presumed hydrogeologic gradient based upon regional topography and inferred groundwater flow direction

Weston & Sampson reviewed the MassDEP files related to the remaining LST site listed in the above table and identified in the EDR database report as a state and tribal LST site. The release occurred in an area of the Heffron Materials property and is crossgradient of the Target Property, and not likely to pose a threat to the subsurface conditions of the Site based upon the distance/gradient relative to the Target Property, nature and extent of contamination, and the site closure status.

The leaking UST identified in the EDR Orphan Summary as J.T. Berry Center and summarized in the table above is associated with the former power plant USTs, and discussed in Section 4.4. Petroleum releases to the subsurface in the form of No. 6 fuel oil were remediated; however, not

to background, and the release was closed under a Class A-2 RAO. Due to the long history of No. 6 fuel oil use at the J.T. Berry Center, and the expected hydrogeological characteristics of the Target Property (i.e., highly transmissive soils), the residual contamination associated with this release RTN 3-0003557 may have impacted subsurface conditions at the Site.

State and Tribal Registered Storage Tanks

The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of RCRA. The data is generated from the MassDEP’s Summary Listing of all registered tanks in Massachusetts. The EDR Report identified one UST site located within a 0.25-mile radius of the Target Property. Information regarding the UST listing located within 0.25 miles of the Target Property is presented in the following table.

STATE AND TRIBAL REGISTERED STORAGE TANK SITES			
Site	Distance / Direction / Gradient*	ID	Regulatory Status
Heffron Materials 800 Salem Street Wilmington, MA	0.011 mile / West-northwest / Crossgradient	11408	No Tanks Installed: 3 No Tanks Removed: 3 Contents: Diesel Status Date: 12/10/1997

* Presumed hydrogeologic gradient based upon regional topography and inferred groundwater flow direction

The property listed in the above table and identified by EDR as state and tribal registered storage tank site is associated with the previously discussed Heffron Materials LST site, and is not likely to pose a threat to the subsurface conditions of the Site based upon the distance/gradient relative to the Target Property, nature and extent of contamination, and the site closure status.

State and Tribal Engineering Control / Institutional Control Registries

The completion of disposal site cleanup activities may include the implementation of engineering controls or institutional controls as part of the response action. Engineering controls include various forms of caps, building foundations, liners, and treatment methods for the pathway elimination of regulated substances. 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. The EDR Report did not identify the Target Property in the state engineering/institutional control registry.

State and Tribal Voluntary Cleanup Sites

Neither the Target Property nor any properties located within a 0.5-mile radius of the Site are identified on state or tribal voluntary cleanup site databases.

State and Tribal Brownfields Sites (BROWNFIELDSDS)

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. Neither the Target Property nor any properties located within a 0.5-mile radius of the Site are identified on the BROWNFIELDSDS databases.

4.1.3 Additional Environmental Records

Local Brownfields Lists

The US BROWNFIELDS list is EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs. Neither the Target Property nor any properties located within a 0.5-mile radius of the Site are identified on the US BROWNFIELDS databases.

RCRA Non-Generators

Tracked under the RCRAInfo database, RCRA Non-Generator sites are those sites no longer generating hazardous waste as defined by RCRA. EDR identified 1 property located within a 0.25-mile radius of the Target Property on the RCRA Non-Generators database. Information regarding the RCRA Non-Generator site located within 0.25 miles of the Target Property is presented in the following table.

RCRA Non-Generators			
Site	Distance / Direction / Gradient*	EPA ID	Regulatory Status
Benevento Asphalt Corp 900 Salem Street Wilmington, MA	0.011 mile / West-northwest / Crossgradient	MAD003809241	Class: Non-Generator Description: Handler Waste Code: D001, D008 Violation Status: No violations found

* Presumed hydrogeologic gradient based upon regional topography and inferred groundwater flow direction

Weston & Sampson is of the opinion that the RCRA Non-Generator site identified in the EDR report is not likely to pose a threat to the subsurface conditions of the Site based upon the generator class, description, distance/gradient relative to the Site, and violation status.

Records of Emergency Release Reports

The Massachusetts Release Tracking Database (RELEASE) logs emergency releases as they are reported to State agencies. The EDR report mistakenly identified the releases associated with RTNs 3-0000599 and 3-0003557 as being the Target Property; however, as discussed in Section 4.4, those RTNs are associated with locations on the Edgewood property. The EDR report did not identify the Target Property in the Massachusetts Release reports database.

US MINES: Mines Master Index File

The Mines Master Index File (US MINES) contains all mine identification numbers issued for mines active or opened since 1971, and includes violation information. EDR identified two properties located within a 0.25-mile radius of the Target Property on the US MINES database. Information regarding the US MINES site located within 0.25 miles of the Target Property is presented in the following table.

US MINES			
Site	Distance / Direction / Gradient*	MINE ID	Regulatory Status
Benevento Sand & Stone 900 Salem Street Wilmington, MA	0.011 mile / West-northwest / Crossgradient	1900288	Class: Non-Coal Status: 1 Status Date: 1/7/2009
Heffron Materials 800 Salem Street Wilmington, MA	0.011 mile / West-northwest / Crossgradient	1900802	Class: Non-Coal Status: 4 Status Date: 4/9/1980

* Presumed hydrogeologic gradient based upon regional topography and inferred groundwater flow direction

Weston & Sampson is of the opinion that the two US MINES sites identified in the EDR report are not likely to pose a threat to the subsurface conditions of the Site based upon the mine class, description, distance/gradient relative to the Site, and violation status.

Facility Index System/Facility Registry System (FINDS)

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). The EDR report mistakenly identified the releases associated with RTNs 3-0000599 and 3-0003557 as being the Target Property; however, as discussed in Section 4.4, those RTNs are associated with locations on the Edgewood property.

MassDEP Hazardous Waste Generators (HW GEN)

The MassDEP Hazardous Waste Generators (HW GEN) database tracks 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. EDR identified 1 property located within a 0.25-mile radius of the Target Property on the HW GEN database. Information regarding the HW GEN site located within 0.25 miles of the Target Property is presented in the following table.

MASSDEP HAZARDOUS WASTE GENERATORS (HW GEN)			
Site	Distance / Direction / Gradient*	EPA ID	Regulatory Status
Aggregate Industries 900 Salem Street Wilmington, MA	0.011 mile / West-northwest / Crossgradient	MAC300093804	RCRA Gen Status: VSQG MA Gen Status: VQG

* Presumed hydrogeologic gradient based upon regional topography and inferred groundwater flow direction

Weston & Sampson is of the opinion that the HW GEN site identified in the EDR report is not likely to pose a threat to the subsurface conditions of the Site based upon the generator class, description, distance/gradient relative to the Site, and violation status.

Mercury Product Recycling Drop-Off Locations Listing (MERCURY)

The Mercury Product Recycling Drop-Off Locations Listing (MERCURY) is a listing of locations, collecting and recycling for mercury-added products. EDR identified 1 property located within a 0.5-mile radius of the Target Property on the MERCURY listing. Information regarding the HW GEN site located within 0.25 miles of the Target Property is presented in the following table.

MERCURY PRODUCT RECYCLING DROP-OFF LOCATIONS LISTING (MERCURY)		
Site	Distance / Direction / Gradient*	Regulatory Status
Health Dept. 235 North Street North Reading, MA	0.314 mile / East-northeast / Crossgradient	No violations reported

* Presumed hydrogeologic gradient based upon regional topography and inferred groundwater flow direction

Weston & Sampson is of the opinion that the MERCURY site identified in the EDR report is not likely to pose a threat to the subsurface conditions of the Site based upon the distance/gradient relative to the Site, and violation status.

4.1.4 Environmental Lien Search

Weston & Sampson performed an environmental lien search through EDR for 102 and 104 Lowell Road in North Reading, Massachusetts. No environmental liens were noted by EDR; however, an AUL referencing the wastewater treatment easements was reported. The deed restrictions were recorded in November of 2008 near the completion of the Edgewood Apartment complex, and conveys easement rights to Lincoln North Reading, LLC of Delaware, a former owner of the Edgewood property. The EDR Environmental Lien report is included as Appendix D.

4.2 Tier I Vapor Encroachment Screening Report Summary

In 2010, ASTM International issued its revised Standard E2600-10 entitled “Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions.” This standard guide has been adopted into the ASTM 1527-13 Phase I Environmental Site Assessment Standard. The purpose of the standard is to define good commercial and customary practice for real estate transactions in the United States for conducting a screening assessment directed solely at the likelihood for migrating vapors to encroach upon a target property (i.e., the Site) creating a vapor encroachment condition (VEC). Whether or not encroaching vapors result in a vapor intrusion problem requires further investigation that is beyond the scope of the standard.

A VEC is defined as the presence or likely presence of chemicals of concern (COC) vapors in the subsurface of the Site caused by the release of vapors from contaminated soil or groundwater on or near the Site. An area of concern (AOC) as defined in the E2600-10 is measured 0.33-miles from the Site for known or suspect contaminated sites with volatile organic compounds (VOCs) or semi-VOCs; 0.1-mile from the Site for known or suspect petroleum hydrocarbon releases. The identification of AOCs may be reduced if the groundwater flow direction is known relative to the Site. Critical distances are taken into account for contaminated groundwater plumes in any direction for COCs including petroleum LNAPL accumulating above the water table at a distance of 100 feet from the edge of the plume to the Site and 30 feet for dissolved volatile petroleum hydrocarbons.

Using the cumulative information obtained during this Phase I ESA along with the EDR Tier I screening report, Weston & Sampson performed a Vapor Encroachment Screening (Tier 1) in general accordance with the scope of work and limitations of ASTM Standard Practice E 2600-10

for the Site. The purpose of this Vapor Encroachment Screening (Tier 1) was to identify existing or potential VECs (as defined by ASTM Standard E 2600-10) affecting the subject property. As part of the screening, Weston & Sampson completed the Questionnaire that can be found in Section X3 of ASTM E 2600-10, which is duplicated in the table below:

VEC Tier 1 Screening

Question	Response	Comments
1. Property Type?	Undeveloped/Commercial	Former tuberculosis infirmary
2. Are there buildings/structures on the property?	Yes	One small (approx. 10 feet by 10 feet) building remains in the northwest quadrant of the Site. All other buildings have been demolished to grade.
3. Will buildings/structures be constructed on the property in the future?	Unknown	No redevelopment plan has been selected for the Site
4. If buildings exist or are proposed, do/will they have elevators?	NA	
5. Type of level below grade (existing or proposed)?	NA	
6. Ventilation in level below grade?	NA	
7. Sump pumps, floor drains, or trenches (existing or proposed)?	NA	
8. Radon or methane mitigation system installed?	NA	
9. Heating system type (existing or proposed)?	NA	
10. Type of fuel energy (existing or proposed)?	NA	
11. Have there ever been any environmental problems at the property?	No	No environmental records found pertaining specifically to 102 & 104 Lowell Road
12. Does/will a gas station or dry cleaner operate anywhere on the property?	No	No redevelopment plan has been selected for the Site
13. Do any tenants use hazardous chemicals in relatively large quantities on the property?	No	
14. Have any tenants ever complained about odors in the building or experienced health-related problems that may have been associated with the building?	NA	
15. Are the operations (or proposed operations to be performed) on the property OSHA regulated?	No	
16. Are there any existing or proposed underground storage tanks (USTs) or above ground storage tanks (ASTs)?	No	

Question	Response	Comments
17. Are there any sensitive receptors (for example, children, elderly, people in poor health, and so forth) that occupy or will occupy the property?	No	

Additional VEC Criteria

Question	Response	Comments
1. Is the property known to have current or past contamination?	No	No environmental records
2. Is contamination of the property suspected?	Yes	Based on historical use of the Site and knowledge of similar properties, contamination is suspected.
3. Is an adjacent property known to have current or past contamination which may have impacted the subject property?	Yes	The adjacent property has a history of leaking USTs and associated contamination that may have impacted the Site.
4. Is a nearby property known to have current or past contamination which may have impacted the subject property?	No	There are several nearby properties known to have past contamination; however, as previously discussed, they are not likely to have impacted the Site.
5. Is regional groundwater contamination known to exist beneath the property?	Unknown	
6. Are you aware of other conditions which may result in vapor intrusion at the property?	No	

With the exception of the adjacent property to the east (i.e., the former location of the power plant), the documented releases noted in the EDR and reviewed by Weston & Sampson are not likely to impact the Site based on the nature of the releases, hydrogeological characteristics, and location with respect to the Site.

The historical existence of leaking USTs and LNAPL at the Edgewood property, although remediated to reduce risk, was not remediated to background conditions. The expected high to very high hydraulic conductivity of substrate at the Site means that the potential for subsurface migration of contaminants from an adjacent Site is a concern. Based on this VEC assessment, there is a moderate potential that a VEC exists at the Site from sources related to the former USTs and LNAPL located at the Edgewood property.

4.3 Municipal Records

Weston & Sampson conducted a file review through the North Reading municipal offices via the internet and the client representative, Ms. Danielle McKnight. Pertinent information obtained from the Town is included in Appendix E and discussed below.

4.3.1 Town of North Reading Assessor's Office

Weston & Sampson performed a file review through the Town of North Reading Assessor's Office website. The Assessor's records indicate that the Site is comprised of two parcels totaling 36.7 acres, and listed as parcels 213/007.0-0000-0002.0 (34.21 acres) and 213/014.0-0000-0148.0 (2.49 acres). Weston & Sampson obtained the property field card for both parcels. The field cards do not identify the owner of the two parcels; however, Weston & Sampson confirmed through conversations with the Town as well as review of contractual agreements that the Commonwealth of Massachusetts is the owner of both parcels. Copies of the property field cards are included for reference in Appendix E.

4.3.2 Town of North Reading Fire Department

Weston & Sampson reviewed available files related to the Site (i.e., 21E request) kept by the Town of North Reading Fire Department. The North Reading Fire Department provided documents associated with the installation and removal of five USTs and five ASTs at the former J.T. Berry Center property. USTs formerly located on the J.T. Berry property ranged from 1,000 gallons to 20,000 gallons and are reported to have contained No. 6 and No. 4 fuel oils. ASTs formerly located on the J.T. Berry property ranged from 30 gallons to 275 gallons and are reported to have contained propane and No. 2 fuel oil. Weston & Sampson cross-referenced the documents obtained from the Fire Department with site sketches and plans provided by DCAMM through the Town and determined that only one of the tanks, a 275-gallon AST was located at the Site. The other tanks (i.e., five USTs and four ASTs) were located on what is now the Edgewood property. No evidence of release related to the AST located at the Site was identified during the Site Reconnaissance or other portions of this Phase I ESA. As previously discussed in Section 4.4, releases associated with the former USTs located on what is now the Edgewood property are documented. Copies of the documents provided by the North Reading Fire Department are included for reference in Appendix E.

4.3.3 Town of North Reading Board of Health

Weston & Sampson reviewed available files related to the Site (i.e., 21E request) kept by the Town of North Reading Board of Health (BOH). Files available included correspondence between and among the BOH, the Commonwealth of Massachusetts, and consultants pertaining to leaking USTs, LNAPL, and related response actions at the former J.T. Berry Center. The USTs and LNAPL contamination area were located on what is now the Edgewood property, and are discussed in Section 4.4. No documents pertaining specifically to the Site were provided or reviewed. Copies of the documents provided by the BOH are included for reference in Appendix E.

4.4 **State Records – MassDEP**

Weston & Sampson performed a MassDEP file review for 102 & 104 Lowell Road and all associated addresses on November 18, 2014, through the MassDEP "Searchable Sites" webpage. The Site is not identified as a Disposal Site by MassDEP, and no records were available; however, Weston & Sampson reviewed records related to the portion of the former J.T. Berry Center that is now the Edgewood property. Two Release Tracking Numbers (RTNs) noted for Edgewood property were also identified in the EDR Report. A summary of the review of these records is included below:

4.4.1 RTN 3-0000599

In January of 1987, the wastewater treatment facility (WWTF) at the J.T. Berry Center was listed by MassDEP as a Location to be Investigated (LTBI). The WWTF was located on what is now the Edgewood property. The LTBI status was initiated because of a Preliminary Assessment

performed by the Environmental Protection Agency (EPA) as part of a comprehensive State-wide inventory of surface impoundments. The EPA reported that the WWTF was releasing “chlorinated sludge” to an unnamed brook. Additionally, the EPA reported the closing of a well in the area due to trichloroethylene (TCE) contamination. According to a 1995 environmental assessment completed by TRC Environmental Corporation (TRC) of Lowell, Massachusetts, the well location and type was never identified. The 1995 TRC environmental assessment was completed under RTN 3-0003557 (see below), but was in response to RTN 3-0000599. As part of the 1995 assessment, TRC performed sediment sampling of a drainage ditch and Martins Brook. No VOCs were detected in any of the sediment samples. Additionally, TRC found no evidence that TCE was ever used at the J.T. Berry Center. The TRC report concluded that the EPA report confused the process of chlorinating wastewater to remove bacteria and chlorinated solvents, such as TCE, and that no release of TCE had occurred at the property. TCE is produced by a series of specific chemical reactions in controlled environments in industrial laboratories, and cannot be created by chlorination of wastewater systems. TCE was not detected in groundwater during any other investigations reviewed by Weston & Sampson, and no evidence of a “closed well” or TCE in groundwater was found in the EDR report, or in reports reviewed by Weston & Sampson. Weston & Sampson reviewed the following reports related to RTN 3-0000599:

Report Title	Author	Date
EPA Preliminary Assessment	US EPA	November 1980
Environmental Assessment Report	TRC Environmental Corp	August 1995

4.4.2 RTN 3-0003557

In April of 1990, two 20,000-gallon No. 6 fuel oil USTs were removed from the power plant area of the former J.T. Berry Center (now part of the Edgewood property). Petroleum-contaminated soils were observed during the UST removal, and approximately 900 cubic yards of impacted soil was excavated and transported off-site. Subsequent to the removal of grossly impacted soil, two new 15,000-gallon No. 4 oil USTs were installed in a concrete vault at the original UST location.

TRC completed a Phase I Initial Site Investigation and Tier Classification of the Site in August of 1997. As part of the Phase I, TRC completed a subsurface program that included the advancement of several soil borings and the installation of eight groundwater monitoring wells. Laboratory analytical results from the Phase I and subsequent investigations completed by TRC showed the continued presence of petroleum impacts in soil and groundwater resulting from the leaking USTs that were removed in 1990. Additionally, light non-aqueous phase liquid (LNAPL) was observed on the groundwater surface.

In December of 1998, Rizzo removed the two 15,000 No. 4 fuel oil USTs. The concrete containment vault was removed in May 1999. As part of the remedial activities, Rizzo oversaw the excavation and removal of approximately 4,393 tons of petroleum-impacted soil, and the removal of approximately 12,000 gallons of LNAPL from the groundwater surface by vacuum truck and absorbent boom. After several rounds of confirmatory sampling and groundwater monitoring well gauging, Rizzo concluded its remediation of the power plant area by filing a Class C-1 Response Action Outcome (RAO). A Class C-1 RAO is a temporary solution, in which some contamination is left in place and monitored because a permanent solution is not feasible.

In 2002, GZA Geoenvironmental, Inc. (GZA) of Norwood, Massachusetts, began a pre-purchase due diligence investigation on behalf of a potential buyer. GZA completed a subsurface program that included the advancement of six soil borings, which were completed as monitoring wells. Laboratory analytical results of soil and groundwater samples collected by GZA in 2002 showed the continued presence of petroleum in the power plant area; however, contaminant concentrations were below the applicable Method 1 standards.

In 2007 GZA completed additional sampling and soil removal, under a Release Abatement Measure (RAM) Plan, concurrently with the redevelopment of the property into apartments. Approximately 750 cubic yards of petroleum-impacted soil was excavated from the former power plant footprint and transported off-site. GZA also reported skimming and vacuuming LNAPL from the groundwater surface in open excavations and transporting a total of 2,270 gallons of liquid waste off-site. Final groundwater analytical results revealed no petroleum constituents above the method detection limits. Final soil analytical results showed residual petroleum impacts below the applicable Method 1 standard. GZA closed out the RTN in December 2007 by filing Class A-2 RAO. A Class A-2 RAO is a permanent solution for which remediation has been completed and No Significant Risk (NSR) of harm to health, public welfare, or the environment exists, but contaminant concentrations have not been reduced to background.

The release history of RTN 3-0003557 and the documented continued existence of subsurface petroleum impacts in the immediate vicinity of the Site, albeit below the applicable Method 1 standard, may have resulted in an impact to the Site because groundwater is interpreted to flow from the release location toward the Site. Weston & Sampson reviewed the following reports related to RTN 3-0000599:

Report Title	Author	Date
Preliminary ESA	Hygienetics, Inc	July 1991
Phase I ISI	TRC Environmental Corp	August 1997
Release Abatement Measure Plan	Rizzo Associates	November 1998
Release Abatement Measure Completion Report and Class A-2 RAO	GZA Geoenvironmental	April 2007

4.5 Site and Area History

4.5.1 Sanborn Maps

A search for historical Sanborn fire insurance maps depicting the Site and vicinity was conducted by EDR, Inc. EDR did not identify any Sanborn maps for the Site area. The EDR Sanborn Map report is included as Appendix F.

4.5.2 Topographic Maps

Historical topographic maps provide information related to physical land configuration such as elevation, ground slope, surface water and other features. While most buildings in densely developed urban centers are not depicted, topographic maps typically show structures equal to or larger than the size of a single-family residence in rural areas. Other notable features such as

woods, pipelines, municipal boundaries, and areas of filled land are often marked on topographic maps.

A search for historical topographic maps depicting the Site and vicinity was conducted by EDR. The Site can be identified in ten EDR-supplied topographic maps dated 1888, 1893, 1915, 1944, 1947, 1951, 1965, 1966, 1979, and 1987. All ten historical topographic maps show a similar topography surrounding the Site. The topography of Martin's Brook also appear similar in each map. The EDR Historical Topographic Map Report is included as Appendix G.

HISTORICAL TOPOGRAPHIC MAP SUMMARY		
Year	Issues Noted	Observations
1888 1893 1915	No	No significant change in elevation or topography
1944 1947 1951 1965 1966 1979	Yes	Features of the J.T. Berry Center become visible in 1944, including buildings and wastewater treatment facility. No topography changes.
1987	No	Gravel pits and quarry are visible north and west of the J.T. Berry Center.

4.5.3 Aerial Photographs

Historical aerial photographs may be used to evaluate changes in land use and to identify visible areas of potential environmental concern. A search for historical aerial photographs depicting the Site and vicinity was conducted by EDR. The EDR Aerial Photo Decade Package for the Site included twelve photographs dated 1938, 1952, 1963, 1965, 1978, 1980, 1986, 1995, 2006, 2008, 2010, and 2012. The EDR Aerial Photo Decade Package is included as Appendix H and a summary of the information obtained from the aerial photograph review is provided in the following table.

HISTORICAL AERIAL PHOTOGRAPH SUMMARY		
Year	Issues Noted	Observations
1938 1952	No	J.T. Berry Center buildings are visible. Sand pits to the north and west of the Site are visible in 1952. Little to no change in vegetation or land use.
1963 1965 1978 1980 1986 1995 2006	No	Wetland/pond area that was not in previous photos appears southwest of the Site. The wetland seems to have been a result of localized topographic changes. It is unclear how or why the topographic changes took place. Some clearing of trees in site location, small additions of buildings.
2008 2010 2012	No	Edgewood Apartments appear in 2008. J.T. Berry Center buildings are no longer visible.

City Directories

Historical street directories are commercial publications containing names and addresses, and in many cases, occupations of the occupants of a particular community. The directories may also

contain information pertaining to business processes conducted within a community. A search for historical street directories was conducted by EDR. The EDR City Directory Abstract is included as Appendix I.

CITY DIRECTORIES SUMMARY		
Year	Issues Noted	Notable Occupants
1986	No	Site Property: Not listed
		Surrounding Properties: No address (900 Salem Street, Wilmington) – Benevento Sand & Gravel No address (900 Salem Street, Wilmington) – Heffron Asphalt No address (900 Salem Street, Wilmington) – Red-E-Mix Concrete
1992	No	Site Property: Not listed
		Surrounding Properties: No address (900 Salem Street, Wilmington) – Heffron Asphalt 900 Salem Street, Wilmington – Red-E-Mix Concrete
1995	No	Site Property: No address (100-104 Lowell Road) – J.T. Berry Center
		Surrounding Properties: No address (900 Salem Street, Wilmington) – Heffron Asphalt 900 Salem Street, Wilmington – Red-E-Mix Concrete 900 Salem Street, Wilmington – BenCon
1999	No	Site Property: Not listed
		Surrounding Properties: 773 Salem Street, Wilmington – Concrete Products of Londonderry 773 Salem Street, Wilmington – Shea Concrete Products
2003	No	Site Property: Not Listed
		Surrounding Properties: None Listed
2008	No	Site Property: Not Listed
		Surrounding Properties: 773 Salem Street, Wilmington – Shea Concrete Products/EF Shea
2013	No	Site Property: Not Listed
		Surrounding Properties: 100-111 Lowell Road – Various residents of Edgewood Apartments 773 Salem Street, Wilmington – Shea Concrete Products/EF Shea 800 Salem Street, Wilmington – Heffron Materials 900 Salem Street, Wilmington – Aggregate Industries 900 Salem Street, Wilmington – Benevento Asphalt 900 Salem Street, Wilmington – Red-E-Mix Concrete

5 SITE RECONNAISSANCE

On October 30 and November 5, 2014, Mr. Joseph Spencer and Mr. Richard Vandenberg of Weston & Sampson performed a visual reconnaissance of the Site. The purpose of the Site reconnaissance was to observe current Site conditions and assess, based on visual observations, if there was evidence of RECs (i.e., release(s) of oil and/or hazardous materials (OHM) to the surface or subsurface at the Site or its surrounding areas).

The site reconnaissance was conducted by walking all Site access roads and paths. Open portions of the property to the extent feasible were walked in a grid-like pattern. Based on field observations made during the Site reconnaissance, information obtained through EDR and Massachusetts Geographic Information Systems (MassGIS) and a review of previous investigations, this section presents a description of the environmental setting pertaining to the Site and regional features including topography, groundwater, and geology.

5.1 Physical Setting

5.1.1 Site Setting and Topography

Topography of the Site is predominantly flat with a dramatic slope toward Martins Brook to the south. To the north, across Lowell Road, a quarry and concrete batching facility was noted.

According to the EDR Report, the average elevation of the Site is 101 feet above mean sea level. The Site Locus Map (Figure 1) depicts the Site and surrounding topography on a United States Geological Survey (USGS) Quadrangle 7.5-minute series topographic map.

5.1.2 Groundwater Characteristics

As previously stated, the Site is bordered to the south by Martins Brook and associated wetlands. Martins Pond, approximately 0.5-miles north of the Site, is the headwaters of Martins Brook. Martins Brook is a tributary to the Ipswich River, which eventually discharges into Plum Island Sound (Atlantic Ocean) approximately 18.75-miles east-northeast of the Site.

Local groundwater flow direction was inferred from a review of data provided by EDR and local surface topography. It is anticipated that overburden groundwater flows predominantly to the south-southwest toward Martins Brook.

5.1.3 Bedrock and Soil Characteristics

Bedrock

Weston & Sampson observed no bedrock outcroppings at the Site. Information documenting the bedrock geology of the Site was obtained from the Bedrock Geologic Map of Massachusetts. The Site is underlain by the Andover Granite Formation, which is of Silurian or Ordovician age, and consists primarily of granite with secondary pegmatite.

Soil

According to the EDR Report, surficial soils at the Site are classified as loamy sand by the United States Department of Agriculture's (USDA) Soil Conservation Service (SCS). The sand fits into the Class A Hydrologic Group and is reported to have high to very high hydraulic conductivity.

5.1.4 Potential Environmental Receptors

According to the Area Receptors Map (Figure 3), prepared using the MassGIS Environmental Receptors Database, the Site is located within a MassDEP-approved Zone II wellhead protection area. No portion of the Site is classified as Natural Heritage and Endangered Species Protected (NHESP) protected land. Several non-specified areas of protected open space exist within a 0.5-mile radius of the Site.

5.2 **Physical Characteristics**

The following is a list of observations made during the reconnaissance of the Site. Photographs of the Site visit can be found in Appendix A.

5.2.1 Land Area and Observations

The Site is predominantly flat with scattered areas of natural, and seemingly unnatural, undulations. Access is provided to the Site via an asphalt and dirt road that runs west to east. The road bisects the Site. Several dirt paths that lead off the main access road to the wooded areas of the Site. Site topography drops approximately 20-30 feet at the southern and western property boundaries near Martins Brook. Several areas of construction and demolition (C&D) debris were observed in the open area of the Site. These areas included concrete rubble, brick, along with a large pile of suspect ACM pipe.

Coal slag and clinkers were also observed on the ground surface throughout the Site, which may indicate the use of such material as backfill. Weston & Sampson has professional experience with similar properties (i.e., former state-run facilities), and has observed coal slag, coal ash, and clinkers in the subsurface at these other facilities properties.

5.2.2 Buildings and Improvements

One building remains at the Site: an approximately 10 foot by 10 foot, single story shed. Records provided by DCAMM and the Town indicate that all other structures were demolished between 2006 and 2009 during the redevelopment of the Edgewood property. A chain-link fence runs along a portion of Lowell Road, which delineates the northern property boundary. No other significant improvements were observed.

5.2.3 Utilities

It is unclear if the Site was ever serviced by public utilities. Records indicate that the power plant, water tower, and septic system that were previously located on the adjacent property were demolished along with the buildings between 2006 and 2009; however, some of the distribution networks for these systems may remain in place. Tunnels, presumably related to a steam distribution system, were observed at the Site in the southern portion of the site. The steam tunnels represent a confined space so they were not entered and further assessed. While the tunnels themselves do not pose a risk, backfill used during construction of the tunnels may contain industrial by-products such as coal slag, and clinkers, which were observed on the ground and embedded in pieces of previously demolished, free-poured concrete at the Site. A gas distribution line runs along the northern property line along Lowell Road. Evidence of a subsurface wastewater treatment disposal field was noted in the northeast quadrant of the Site. File reviewed indicates that one residential easement, one commercial easement, and one municipal easement are present on the site for wastewater treatment. The gas easement and wastewater easements are depicted in Figure 2.

5.3 Potential Environmental Hazards and OHM Storage and Use

The information discussed below is based on observations conducted during two Site visits on October 30, 2014, and November 5, 2014.

5.3.1 Hazardous Substances and Petroleum Products

No evidence of Oil and Hazardous Materials (OHM) storage was observed at the Site.

5.3.2 Underground Storage Tanks (USTs)

No evidence of USTs was observed at the Site.

5.3.3 Above Ground Storage Tanks (ASTs)

No ASTs were observed at the Site.

5.3.4 Odors

An odor from the asphalt batching plant to the west of the Site is detectable intermittently during the Site reconnaissance. No other odors were detected at the Site.

5.3.5 Pools of Liquid

No standing pools of liquid were observed at the Site.

5.3.6 Drums

An mostly empty 55-gallon drum, labeled "Valvoline" was observed on the adjacent property to the east. An oil residue was noted on the underside of the drum suggesting that release of portion of its contents. The drum is located hydrogeologically downgradient of the Site and not likely to pose a risk to the Site.

5.3.7 Unidentified Substance Containers

No unidentified substance containers were observed at the Site.

5.3.8 Polychlorinated Biphenyls (PCBs)

No evidence of PCB use or storage was observed at the Site.

5.3.9 Stains or Corrosion

No staining was observed at the Site. No evidence of corrosion was observed at the Site.

5.3.10 Drains and Sumps

One catch basin was observed in the northern portion of the Site near Lowell Road. The approximate location of the catch basin is noted on the Site Plan (Figure 2).

5.3.11 Pits, Ponds, or Lagoons

A sand pit was observed in the southwestern quadrant of the Site. However, no evidence of RECs was identified in connection with the pit. Entrances to steam tunnels, once used by the J.T. Berry Center to carry steam from the power plant to the satellite buildings on the property, were observed on the ground surface at the Site. Although no insulation was not observed on remaining piping, these tunnels may contain insulation classified as ACM. The possible existence of ACM in insulation in the steam tunnels does not represent a REC; however, it may require special handling during redevelopment of the Site.

Several areas of suspect unnatural topography consistent with buried or dumped material were observed throughout the Site. A portion of Martins Brook forms a pond in the southeastern quadrant of the Site. No lagoons were observed at the Site.

5.3.12 Stressed Vegetation

No stressed vegetation was observed at the Site.

5.3.13 Solid Waste

Small quantities of solid waste associated with residential trash were observed at the Site. The solid waste appeared to residential in a nature and for the purposes of this assessment considered *de minimis*.

Several areas of C&D debris were observed at the Site, and are likely associated with the demolition of J.T. Berry Center buildings.

A pile of broken concrete pieces, containing 'Orangeberg' pipe was observed near the center of the Site. Orangeburg pipe was used through the early twentieth century as water pipe and often contains varying amounts of asbestos.

Additionally, coal slag, and clinkers were observed on the ground surface throughout the Site.

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6 INTERVIEWS

6.1 User

Ms. Danielle McKnight, Town Planner at the Town of North Reading Community Planning Department, is identified as a representative of the User. Ms. McKnight completed the User Questionnaire for the interview process. The User Questionnaire is discussed in Section 3.0 and included in Appendix B. Ms. McKnight also provided Weston & Sampson with documents kept on file at many of the Town offices.

6.2 Key Site Manager

Ms. Danielle McKnight, Town Planner coordinated the development of information from DCAMM which constituted this required information. The following information was developed by Ms. McKnight:

Report Title	Date	Comments
Existing Conditions Report: Master Plan for Hogan/Berry Regional Center	September 1990	Complete plans of all J.T. Berry Center buildings and facilities
Mass State Project DCP9314 HD1: Toxic Substance Removal	December 1996	Documents removal of PCB transformers on the Edgewood property
Phase I ESA	December 1998	ASTM Phase I ESA on entire J.T. Berry Center
UST Closure Report	December 1999	Documents UST removal activities in power plant area (now Edgewood)
Third Party Review of Limited Asbestos Survey Report	July 2002	Third party review of asbestos survey of buildings on entire J.T. Berry Center

6.3 Occupants and Others

As the Site is currently unoccupied, no occupants were interviewed. No other individuals were interviewed.

6.4 Past Owners and Occupants

The Commonwealth of Massachusetts reportedly developed the property in the 1920s. Past owners were not interviewed as a part of this ESA because the property was undeveloped prior the Commonwealth's ownership.

6.5 Local Government Officials

As an employee of the Town of North Reading, Ms. McKnight also served as a liaison between Weston & Sampson and various Town offices. Ms. McKnight obtained documents directly from the Town departments and made them available to Weston & Sampson. No other Town Officials were interviewed as part of this Phase I ESA. Weston & Sampson contacted the Fire Department to interview them and was referred to Ms. McKnight. Copies of the some of the pertinent documents provided by the Town of North Reading are included for reference in Appendix D.

Weston & Sampson interviewed former Town employee Mr. John Welsh, former town of North Reading Building Superintendent. Mr. Welsh was interviewed by telephone on November 5, 2014.

Mr. Welsh reported that he was familiar with Site because he had walked the Site several times during his tenure as the Building Superintendent. Mr. Welsh expressed concern over the management of the power plant area and greenhouse, noting the appearances of the two areas were “sloppy.” Mr. Welsh recalled uncontained fertilizers on the ground surface around the greenhouse building. The two areas that Mr. Welsh described were located on what is now the Edgewood property, and have gone through extensive assessment and remediation as part of the redevelopment of the Edgewood apartments.

In addition, Weston & Sampson interviewed former North Reading Department of Public Works Director, Mr. David Hanlon on December 10, 2014, Mr. Hanlon described, in detail, the remediation activities that took place in the power plant area under RTN 3-0003557, which is discussed in Section 4.1.9. Mr. Hanlon had no knowledge of any other releases, or threats of releases, to the environment during his tenure.

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7 DATA GAPS

All AAI reports must include an identification of “significant” data gaps (as defined in § 312.20 of AAI final rule and § 12.7 of ASTM E1527-13), if any, in the information collected for the inquiry. Significant data gaps include missing or unattainable information that affects the ability of the environmental professional to identify conditions indicative of releases or threatened releases of hazardous substances, and as applicable, pollutants and contaminants, petroleum or petroleum products, or controlled substances, on, at, in or to the subject property. The documentation of significant data gaps must include information regarding the significance of these data gaps.

Weston & Sampson identified the following significant data gaps:

- During the two Site visits on October 30, 2014, and November 5, 2014, Weston & Sampson was unable to observe some Site areas due to dense vegetation and heavy leaf litter. The limited site access due to dense vegetation and leaf litter is considered a significant data gap.
- Weston & Sampson was unable to access the steam tunnels observed during the two Site visits because the limited access represents a confined space hazard. The steam tunnels are notable because they may contain asbestos insulation or act as a pathway by which surface spills can enter the subsurface. The lack of access to the steam tunnels is considered a significant data gap.

Weston & Sampson did not identify any other significant data gaps, as defined by ASTM Practice E 1527-13, during the Site reconnaissance, and records review that would significantly affect the ability of Weston & Sampson to identify recognized environmental conditions in connection with the Site.

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8 FINDINGS & OPINIONS

Weston & Sampson's findings and opinions for this Phase I Environmental Site Assessment are as follows:

1. Although the power plant associated with the J.T. Berry Rehabilitation Center existed on the adjacent parcel which is now developed as an apartment complex, Weston & Sampson observed coal slag and clinkers on the ground surface over much of the Site. Historically, it is our experience with activities on similar sites that coal slag and clinkers were used for fill and/or on-Site reuse. This material is generally not suitable for reuse material and would have to be managed as a special waste for disposal. While this material is generally inert and considered "Anthropogenic Background" by the MCP and a not a Reportable Condition, a release of hazardous substances could result from long term contact with the groundwater.
2. During the October 30, 2014, and November 5, 2014, Site visits, Weston & Sampson observed a pile of broken concrete containing Orangeburg pipe in the central portion of the Site. Orangeburg pipe was used through the early twentieth century as water pipe and can often contain varying amounts of asbestos. Weston & Sampson found no previous documentation related to the presence or absence of asbestos in this pipe. Waste asbestos is managed under the pertinent Massachusetts regulation and the federal Toxic Substance Control Act (TSCA).
3. Several areas of construction and demolition debris mixed with surface soils were observed at the Site. These areas are presumably related to the staging of debris during the prior demolition of Site buildings. Considering that our review of available documents for the Site indicates the presence of hazardous building materials (i.e., PCBs, ACM, and lead paint) associated with the former buildings and an incomplete record exists regarding the disposal of these materials prior to demolition, it is our opinion that a release of asbestos and hazardous substances (lead and PCBs) may have occurred to the surficial soil in contact with this debris.
4. A review of the MassDEP files associated with RTN 3-0003557 for the adjoining Edgewood property shows that some residual contamination was left in-place following remediation. Information provided in the MCP reports and records kept by the Town of North Reading Fire Department document the removal of several USTs from the adjoining Edgewood property, which may be hydrogeologically crossgradient upgradient of the Site. In addition, the extent of residual petroleum contamination was not adequately documented. As a result, it is our opinion that the petroleum from these former tanks may have impacted Site conditions considering its proximity and likely groundwater flow conditions.
5. During the October 30, 2014, and November 5, 2014, Site visits, Weston & Sampson observed four groundwater monitoring wells at the Site. The location and presumed age was cross-referenced to previous reports made available by the Town and publically available via MassDEP's Searchable Sites web page. However on December 23, 2014, Weston & Sampson spoke with the consultant that is currently maintaining the monitoring wells, and was informed that they are used to monitor the performance of the wastewater treatment system that exists in the northeast quadrant of the Site (wastewater from Edgewood). No other information was made available to Weston & Sampson. It is assumed that the monitoring is done in accordance with Massachusetts Title 5

Regulations, and that any documented release to the environment from the wastewater system would be the responsibility of Edgewood. While it is our experience that residential wastewater disposal does not generally represent a release of hazardous substances and/or petroleum to the environment, these wells should be sampled to generally assess groundwater conditions this this area of the Site.

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9 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment, in conformance with the scope and limitations of ASTM Practice E1527-13 of 102 and 104 Lowell Road in North Reading, Massachusetts. Any exceptions to, or deletions from, this practice are described in Section 11.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

- The presence of coal slag and clinkers, and unnatural topography is considered a REC because significant accumulations of this material could impact subsurface media.
- The presence of suspect waste ACM in the form of Orangeburg pipe at the Site is considered a REC.
- The presence of undocumented construction and demolition debris at the Site is considered a REC.
- The impact of the Site from the nearby upgradient releases associated with the former presence of USTs on the Edgewood property is considered a REC.
- The presence of groundwater monitoring wells at the Site associated with the Edgewood Apartments wastewater treatment system is considered a REC because the condition of the groundwater in this area of the Site is not known.

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10 RECOMMENDATIONS

Based on the findings of our assessment, we offer the following recommendations in accordance with the provisions of the scope of work requested by the Town of North Reading:

- The Phase I ESA indicates the likelihood of hazardous substances and petroleum products in soil and groundwater at the Site. As such, Weston & Sampson recommends that a Phase II ESA be completed to assess the above-referenced RECs.

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11 LIMITATIONS

This report was prepared exclusively for the Town of North Reading, Massachusetts. Information provided by Weston & Sampson in this report is based solely on the information reported in this document. Future investigations and/or information that was not available to Weston & Sampson at the time of the investigation may result in a modification of the findings stated in this report.

Should additional information become available concerning this Site, or neighboring properties that could directly impact the Site in the future, that information should be made available to Weston & Sampson for review so that, if necessary, conclusions presented in this report may be modified. The conclusions of this report are based on Site conditions observed by Weston & Sampson personnel at the time of the investigation, information provided by EDR, and information provided by federal, state, and local agencies. This report has been prepared in accordance with generally accepted engineering and geological practices. No other warranty, express or implied, is made.

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12 REFERENCES

ASTM.2000, E 1527-13. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

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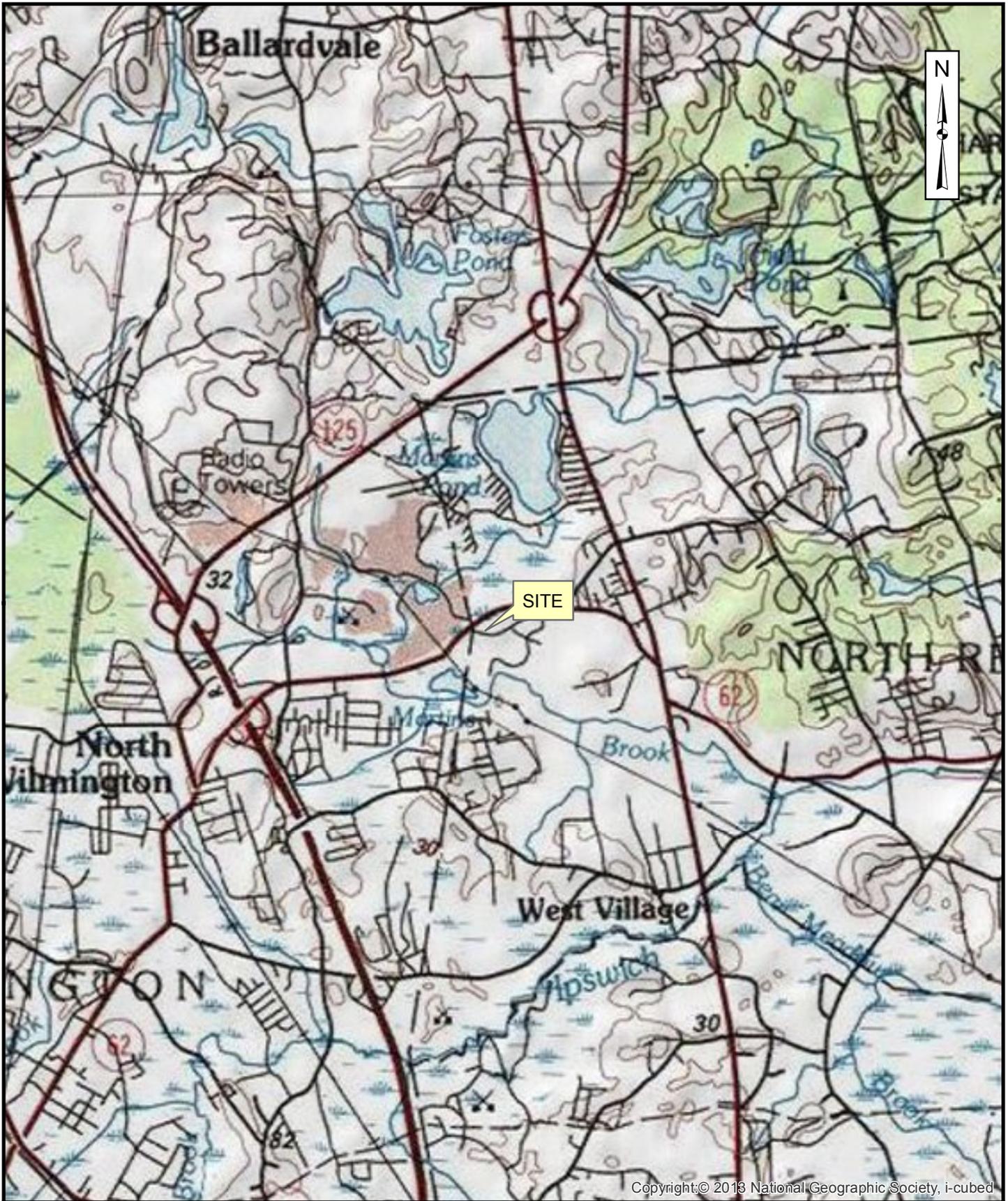
MassDEP, Massachusetts Contingency Plan (MCP), 310 CMR 40.0000. Bureau of Waste Site Cleanup, Boston, MA. June 2009.

Zen, E-an (Editor), 1983, United States Geological Survey Bedrock Geologic Map of Massachusetts.

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FIGURES

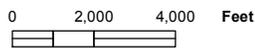
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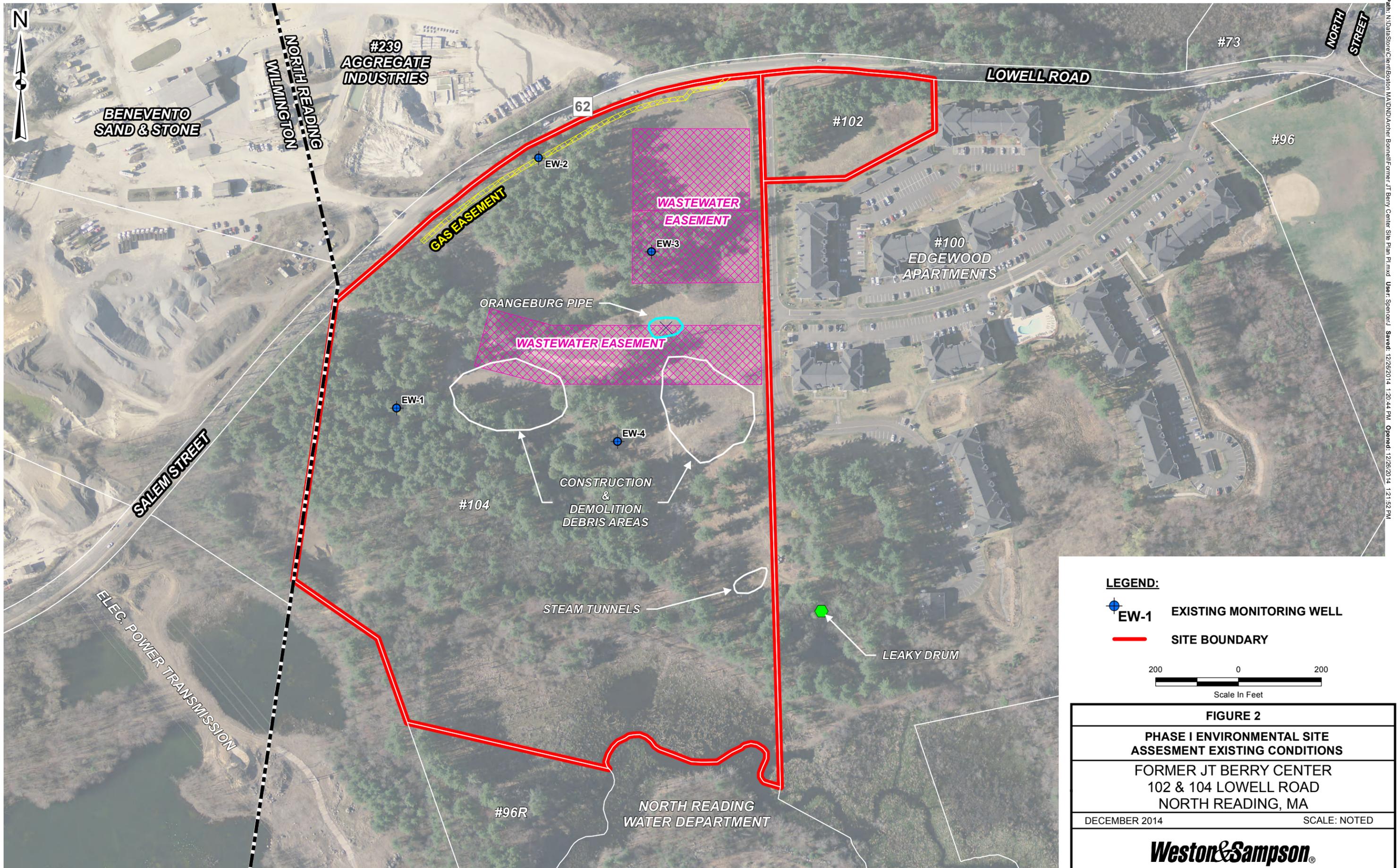
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FIGURE 1
FORMER J.T. BERRY CENTER
102 & 104 LOWELL ROAD
NORTH READING, MASSACHUSETTS

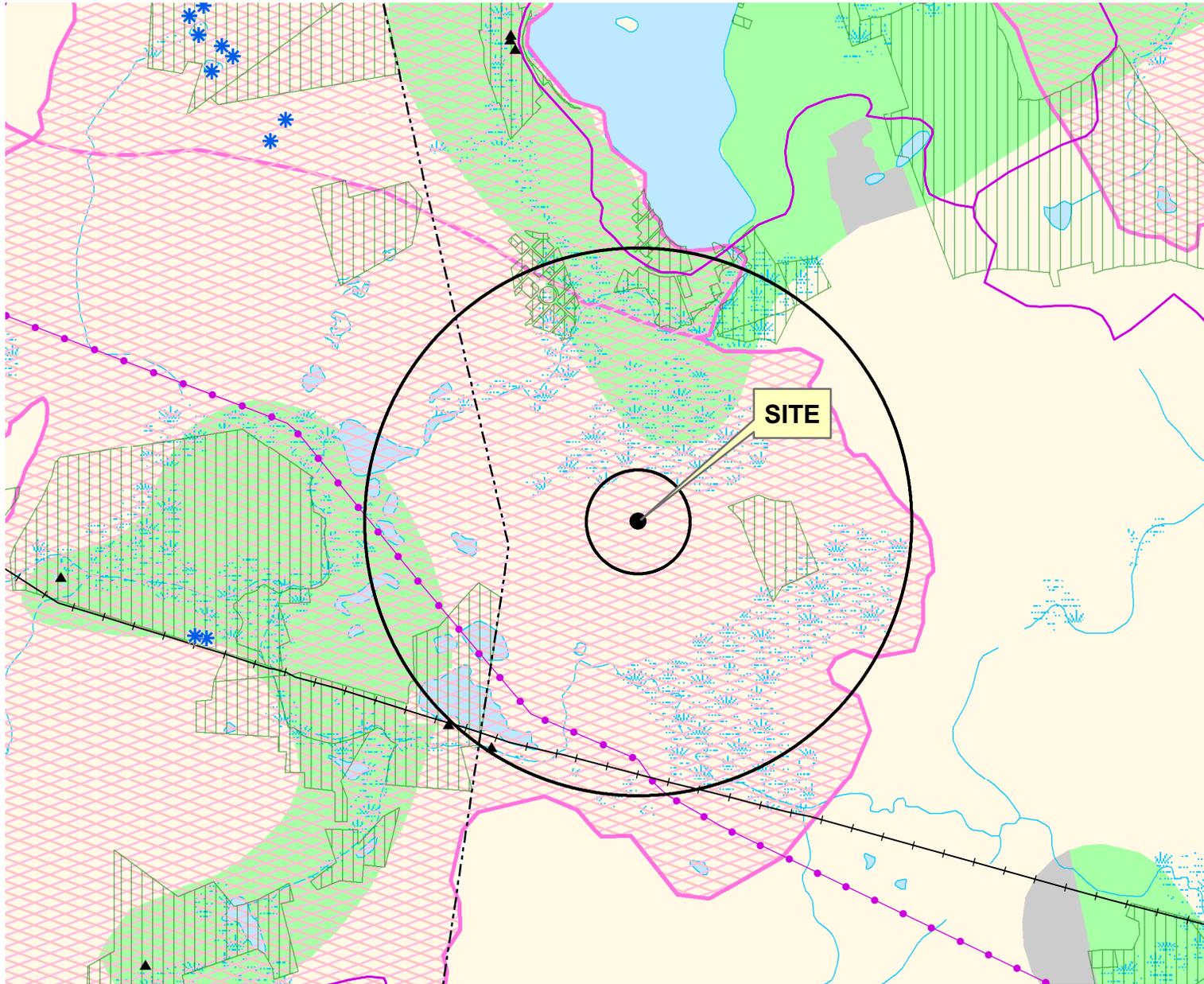
LOCUS MAP



Weston & Sampson®



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Legend

- Town Boundaries
 - State Boundary
 - ▲ Ground Water
 - ▲ Surface Water
 - ▲ Non-Community
 - ★ NHESP Certified Vernal Pools
 - + Railroads by Ownership
 - Pipeline
 - Pipeline Arbitrary Extension
 - Powerline
 - Powerline Arbitrary Extension
 - Ski Lift/Tramway
 - Substation
 - Landing Strip/Airport
 - ◆ Highway Exit Locations
- All Roads**
- Road Classification**
- Limited Access Highway
 - Multi-lane Hwy, not limited access
 - Other Numbered Highway
 - Major Road, Collector
 - Minor Road, Arterial
 - Sub-basins
 - Major Basins
 - Solid Waste Facilities
 - Protected Open Space
 - ACECs
 - Zone A
 - IWPA
 - DEP Approved Zone IIs
 - River, Stream, Shoreline
 - Water
 - Wetland
 - Sole Source Aquifers
 - NHESP Estimated Habitats of Rare Wildlife
 - NHESP Priority Habitats of Rare Species
- Non Potential Drinking Water Source Area**
- High Yield
 - Medium Yield
- Aquifers**
- High Yield
 - Medium Yield
- MA Towns (from Survey Points)**
- MA Towns (from Survey Points)

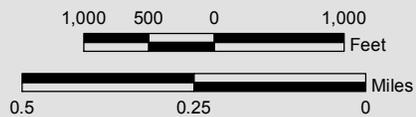
FIGURE 3

Area Receptors Map
 102 & 104 Lowell Road
 North Reading, Massachusetts



Data Source: Office of Geographic and Environmental Information (MassGIS), Commonwealth of Massachusetts Executive Office of Environmental Affairs

Note: Radii shown are approximately 500-feet and 1/2-mile from center of Site.



APPENDIX A
Site Photograph Log



Looking east down the access road from the entrance on Lowell Road.



Pile of C&D debris with asphalt.



One of several areas where C&D debris is visible on the ground surface.



One of four existing monitoring wells.



Clinker observed on the ground surface.



Looking southwest at the wastewater easement area.



Pile of waste concrete containing Orangeberg pipe.



Close up of Orangeberg pipe.



Shed observed in the northeast quadrant of the Site.



Looking north up a dirt path that extends from the southeast quadrant of the Site to the access road.



Tunnel observed in the southeast quadrant of the Site.



Edgewood Apartments from the access road that bisects the two parcels that make up the Site.

APPENDIX B

User Provided Information

ENVIRONMENTAL SITE RECONNAISSANCE QUESTIONNAIRE
(to be completed by an owner's representative and a Weston & Sampson representative)

Site Name: FORMER JT BERRY UNIT

Site Address: 102 & 104 LOWER RAMP

Project No.: 2140633

Site Visit Date: 10/30/14 & 11/5/14

What is the current and past use(s) of the subject property?

Current	<input type="checkbox"/>	Past	<input type="checkbox"/>
Residential – Single Family	<input type="checkbox"/>	Residential – Single Family	<input type="checkbox"/>
Residential – Multi-Family	<input type="checkbox"/>	Residential – Multi-Family	<input checked="" type="checkbox"/>
Commercial	<input type="checkbox"/>	Commercial	<input type="checkbox"/>
Industrial/Manufacturing	<input type="checkbox"/>	Industrial/Manufacturing	<input checked="" type="checkbox"/>
Unimproved/Raw Land	<input checked="" type="checkbox"/>	Unimproved/Raw Land	<input type="checkbox"/>
Agriculture	<input type="checkbox"/>	Agriculture	<input type="checkbox"/>

To the best of your knowledge, what are the current and past uses of the adjoining properties?

Adjoining Property	Current	Past
	Owner Use	Owner Use
North:	<u>MULTIPLE</u> <u>CONCRETE, ASPHALT, SAND, AND GRAVEL</u>	→
South:	<u>WETLAND</u>	
East:	<u>EDGE WOOD</u> <u>APARTMENT COMPLEX</u>	<u>MASSACHUSETTS</u> <u>JT BERRY UNIT</u>
West:	<u>EF SITA</u> <u>CONCRETE PRODUCTS</u>	

Question	Owner/Property Representative	Observed During Site Visit
Is the property used for an industrial use?	YES NO UNK	YES <u>NO</u> UNK
Is any <i>adjoining</i> property used for an industrial use?	YES NO UNK	<u>YES</u> NO UNK <i>CONCRETE, ASPHALT, SAND, ETC.</i>
Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	YES NO UNK	<u>YES</u> <u>NO</u> UNK HOT OIL POWER PLANT ON <i>WHAT IS NOW EDGEWOOD</i>
Did you observe evidence or do you have any prior knowledge that any <i>adjoining</i> property has been used for an industrial use in the past?	YES NO UNK	<u>YES</u> NO UNK
Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	YES NO UNK	YES <u>NO</u> UNK

Question	Owner/Property Representative			Observed During Site Visit		
Is any <i>adjoining</i> property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK
Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK
Did you observe evidence or do you have any prior knowledge that any <i>adjoining</i> property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaner, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	YES	NO	UNK	<input checked="" type="radio"/> YES	NO	UNK
				WTF ON WHAT IS NOW BOLDWOOD		
Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gallons (19 Q) in volume or 50 gallons (190 Q) in the aggregate, stored on or used at the property or at the facility?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK
				NONE OBSERVED		
Did you observe evidence or do you have any prior knowledge that there have previously been any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gallons (19 L) in volume or 50 gallons (19 L) in the aggregate, stored on or used at the property or at the facility?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK
Are there currently any industrial drums (typically 55 gallons (208 Q)) or sacks of chemicals located on the property or at the facility?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK
				DRUM ON ADJACENT PROPERTY.		
Did you observe evidence or do you have any prior knowledge that there have previously been any industrial drums (typically 55 gallons (208 L)) or sacks of chemicals located on the property or at the facility?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK
Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	YES	NO	UNK	<input checked="" type="radio"/> YES	NO	UNK
				CURL & CLUMBS OBSERVED AT THE SURFACE, AS WELL AS SIGNIFICANT, UNNATURAL ELEVATION DIFFERENCES (PITTING AND PILING)		

Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?	YES	NO	UNK	<input checked="" type="radio"/> YES	NO	UNK	SEE PREVIOUS NOTE
Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK	
Did you observe evidence or do you have any prior knowledge that there have previously been any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK	ON BLDG FOUND PROBLEM.
Is there currently any stained soil on the Property?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK	NONE OBSERVED
Did you observe evidence or do you have any prior knowledge that there has previously been any stained soil on the property?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK	
Are there currently any registered or unregistered storage tanks (above or underground) located on the property?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK	
Did you observe evidence or do you have any prior knowledge that there have previously been any registered or unregistered storage tanks (above or underground) located on the property?	YES	NO	UNK	<input checked="" type="radio"/> YES	NO	UNK	ONE AST (HEATING OIL) IN A FEW FEET UNDER SITE BLDG.
Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from or adjacent to any structure located on the property?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK	
Did you observe evidence or do you have any prior knowledge that there have previously been any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK	
Is there currently evidence of leaks, spills, or staining by substances other than water, or foul odor, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK	
Did you observe evidence or do you have any prior knowledge that there have previously been any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK	

If the property is served by a private well or non-public water system, is there evidence or do you have any prior knowledge that contaminants have been identified in the well or system that exceeded guidelines applicable to the water system?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK
If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK
Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification related to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK
Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK
Has the owner or occupant of the facility been informed of the current existence of hazardous substance or petroleum products with respect to the property or any facility located on the property?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK
Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK
Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK
Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property, or recommended further assessment of the property?	YES	NO	UNK	<input checked="" type="radio"/> YES	NO	UNK
Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	<input checked="" type="radio"/> UNK
Does the property discharge wastewater (not including sanitary waste or stormwater) onto or adjacent to the property and/or into a stormwater system?	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK
Does the property discharge wastewater	YES	NO	UNK	YES	<input checked="" type="radio"/> NO	UNK

DBM PHASE I

(not including sanitary waste or stormwater) onto or adjacent to the property and/or into a sanitary sewer system?

Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried, and/or burned on the property? YES NO UNK YES NO UNK

Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs? YES NO UNK YES NO UNK
ON EDGEWOOD PROPERTY.

The Owner Questionnaire was completed by:

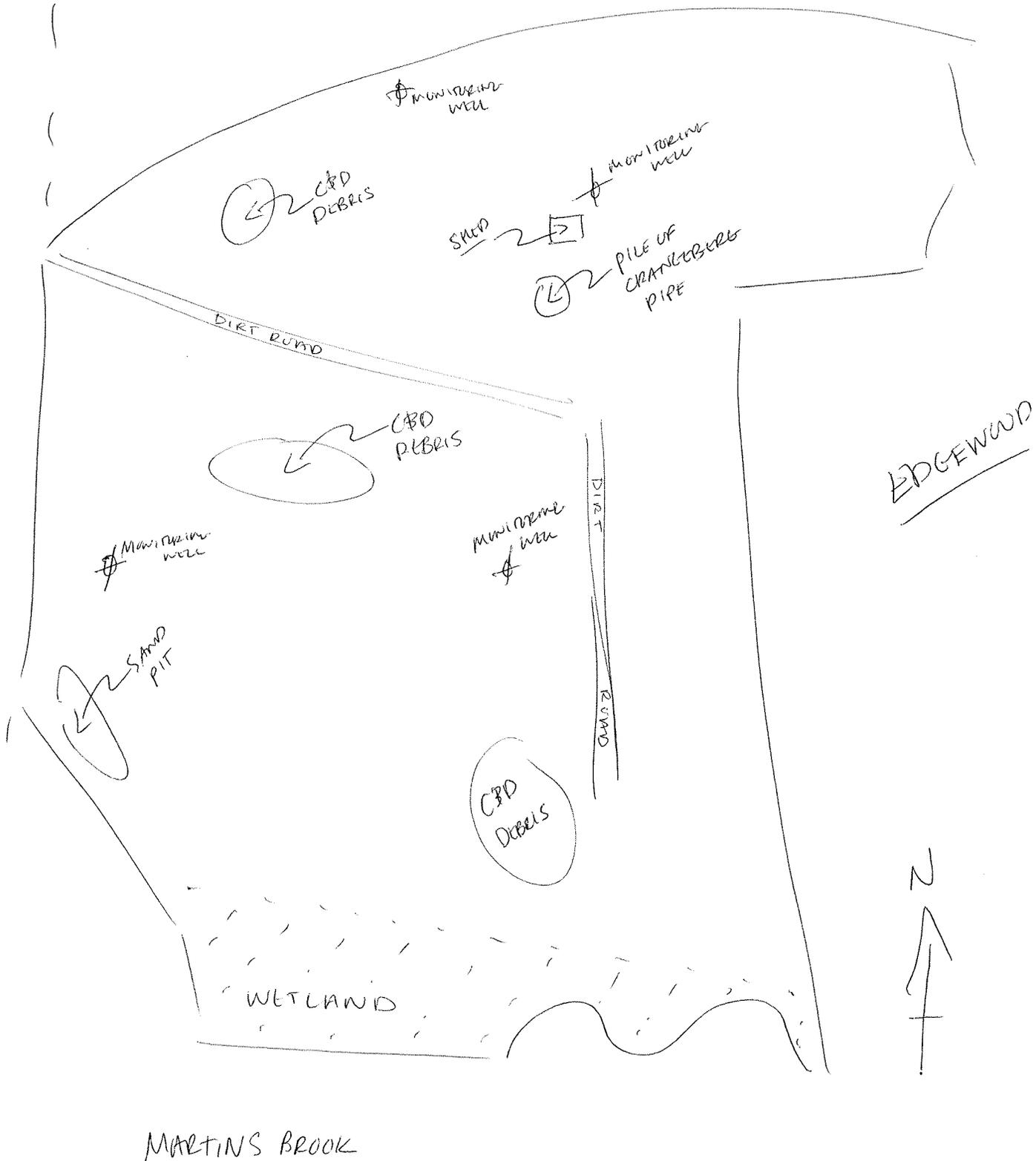
Name: _____ Address: _____
Title: _____ Phone Number: _____
Firm: _____ Date: _____

The Site Visit Questionnaire was completed by:

Name: JOE SPENCER Address: 5 Centennial Drive
Title: ENVIRONMENTAL SCIENTIST I Phone Number: 800 SAMPSON
Firm: WESTON & SAMPSON Date: ~~11/5/2010~~
11/5/2014

N. ROADING/
WILMINGTON
TOWN LINE

SITE SKETCH
(NOT TO SCALE)



AAI – USER QUESTIONNAIRE

FOR

Former J.T. Berry Property (102 and 104 Lowell Road, North Reading, MA)

In order to receive CERCLA liability protection, the *user*¹ must provide the following information (if available). Failure to provide this information could result in the determination that “all appropriate inquiry” was not complete.

1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?

- Yes
 No
 Unknown

The Town’s Assessor is not aware of any liens against the property. We have also requested that Weston & Sampson check for this.

2. Activity and land use limitations (AULs) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

- Yes
 No
 Unknown

We have searched the Mass DEP website for Activity and Use Limitations on the property and found none.

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

As the user of this ESA of you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

¹ The party seeking to complete an AAI to receive CERCLA liability protection

- Yes
- No
- Unknown

4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

- Yes
- No
- Unknown

We believe the purchase price will be below fair market value; the town is engaging in a Sale/Partnership Model with the Massachusetts Division of Capital Asset Management and Maintenance to acquire the state-owned property. However, this purchase price is not believed to be related to the presence or absence of any contaminants.

5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user, (a.) Do you know the past uses of the property? (b.) Do you know of specific chemicals that are present or once were present at the property? (c.) Do you know of any spills or other chemical releases that have taken place at the property? (d.) Do you know of any environmental cleanups that have taken place at the property?

- Yes
- No
- Unknown

We are aware only of contaminants that were once present on the abutting property, 100 Lowell Rd.

5. The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

- Yes
- No
- Unknown

Initials: _____

A recent site visit showed what may be waste asbestos piping, and also possible soil contamination from a single oil drum at the south side of the property.

Date

Signature

APPENDIX C

Environmental Data Resources Inc. Report

JT Berry Property

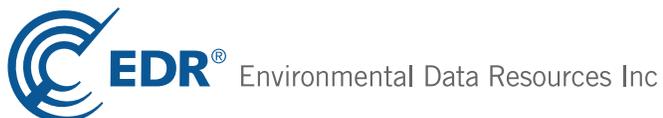
LOWELL RD

North Reading, MA 01864

Inquiry Number: 4114514.2s

October 24, 2014

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

LOWELL RD
NORTH READING, MA 01864

COORDINATES

Latitude (North): 42.5825000 - 42° 34' 57.00"
Longitude (West): 71.1285000 - 71° 7' 42.60"
Universal Transverse Mercator: Zone 19
UTM X (Meters): 325331.2
UTM Y (Meters): 4716435.5
Elevation: 101 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 42071-E2 WILMINGTON, MA
Most Recent Revision: 1987

East Map: 42071-E1 READING, MA
Most Recent Revision: 1987

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120710
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
JT BERRY REHAB CTR PP UST LOWELL RD (RTE 62) NORTH READING, MA 01864	LUST Release Tracking Number / Current Status: 3-0003557 / RAO RELEASE Release Tracking Number / Current Status: 3-0003557 / RAO	N/A
JOHN BERRY REHAB CENTER LOWELL ST NORTH READING, MA	RGA HWS	N/A
JOHN BERRY REHABILITATION CENTER LOWELL STREET NORTH READING, MA 01864	CERC-NFRAP	MAD980909147

EXECUTIVE SUMMARY

JOHN BERRY REHAB CENTER LOWELL RD NORTH READING, MA	RGA HWS	N/A
J T BERRY REHAB CTR POWER PLNT LOWELL RD (RTE 62) NORTH READING, MA	RGA LUST	N/A
JOHN BERRY REHAB.CTR.POWR.PLNT LOWEL ST.(RTE.62) NORTH READING, MA	RGA LUST	N/A
JT BERRY REHAB CTR PP UST LOWELL RD (RTE 62) NORTH READING, MA	RGA LUST	N/A
JOHN BERRY REHAB CENTER LOWELL ST. NORTH READING, MA	RGA HWS	N/A
JOHN BERRY REHAB CENTER LOWELL RD NORTH READING, MA 01864	SHWS Release Tracking Number / Current Status: 3-0000599 / LSPNFA RELEASE Release Tracking Number / Current Status: 3-0000599 / LSPNFA	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

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

EXECUTIVE SUMMARY

FEDERAL FACILITY..... Federal Facility Site Information listing

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

RCRA-SQG..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List

US INST CONTROL..... Sites with Institutional Controls

LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

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

SWF/LF..... Solid Waste Facility Database/Transfer Stations

State and tribal leaking storage tank lists

LAST..... Leaking Aboveground Storage Tank Sites

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

State and tribal registered storage tank lists

AST..... Aboveground Storage Tank Database

INDIAN UST..... Underground Storage Tanks on Indian Land

FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

INST CONTROL..... Sites With Activity and Use Limitation

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Completed Brownfields Covenants Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

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

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Historical Spill List
SPILLS 90..... SPILLS 90 data from FirstSearch
SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System
RMP..... Risk Management Plans
NPDES..... NPDES Permit Listing
DRYCLEANERS..... Regulated Drycleaning Facilities
ENF..... Enforcement Action Cases
AIRS..... Permitted Facilities Listing
TIER 2..... Tier 2 Information Listing
LEAD..... Lead Inspection Database
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
PRP..... Potentially Responsible Parties
2020 COR ACTION..... 2020 Corrective Action Program List

EXECUTIVE SUMMARY

TSD.....	TSD Facility
LEAD SMELTERS.....	Lead Smelter Sites
EPA WATCH LIST.....	EPA WATCH LIST
PCB TRANSFORMER.....	PCB Transformer Registration Database
Financial Assurance.....	Financial Assurance Information Listing
COAL ASH DOE.....	Steam-Electric Plant Operation Data
US FIN ASSUR.....	Financial Assurance Information
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
GWDP.....	Ground Water Discharge Permits
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat.....	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

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

Federal RCRA generators list

RCRA-CESQG: 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.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/10/2014 has revealed that there are 2 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>AGGREGATE INDUSTRIES NORTHEAST</i>	<i>900 SALEM ST</i>	<i>WNW 0 - 1/8 (0.011 mi.)</i>	<i>B10</i>	<i>13</i>
<i>BENEVENTO SAND & STONE CORPORA</i>	<i>900 SALEM ST</i>	<i>WNW 0 - 1/8 (0.011 mi.)</i>	<i>B11</i>	<i>15</i>

EXECUTIVE SUMMARY

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 08/26/2014 has revealed that there are 19 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>
RESIDENTIAL PROPERTY Release Tracking Number / Current Status: 3-0022803 / RAO	45 LINWOOD AVE	S 1/4 - 1/2 (0.283 mi.)	19	37
7-ELEVEN #30238 Release Tracking Number / Current Status: 3-0003925 / RAO	237 MAIN ST	NE 1/2 - 1 (0.550 mi.)	C24	68
CITGO STATION Release Tracking Number / Current Status: 3-0012061 / RAO	NORTH ST MAIN ST	NE 1/2 - 1 (0.555 mi.)	C25	76
ABOVE GROUND OIL TANK UNDER EN Release Tracking Number / Current Status: 3-0019868 / RAO	12 POMEROY RD	ENE 1/2 - 1 (0.783 mi.)	31	104
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REDIMIX CORP Release Tracking Number / Current Status: 3-0000914 / RAO	MIDDLESEX TPKE SALEM ST WNW 1/8 - 1/4 (0.127 mi.)		17	35
NO LOCATION AID Release Tracking Number / Current Status: 3-0026055 / RAO	19 DRAPER DR	SW 1/2 - 1 (0.507 mi.)	21	39
VALVOLINE INSTANT OIL CHANGE Release Tracking Number / Current Status: 3-0020512 / RAO Release Tracking Number / Current Status: 3-0030894 / RAO	216 MAIN ST	ENE 1/2 - 1 (0.511 mi.)	22	41
HESS STATION 21223 Release Tracking Number / Current Status: 3-0024466 / RAO Release Tracking Number / Current Status: 3-0002881 / RAO	231 MAIN ST	ENE 1/2 - 1 (0.540 mi.)	23	50
HONDA BARN Release Tracking Number / Current Status: 3-0014465 / RAO	260 MAIN ST	NE 1/2 - 1 (0.596 mi.)	26	78
COMMERCIAL PROPERTY Release Tracking Number / Current Status: 3-0004466 / RAO	4 LOWELL RD	E 1/2 - 1 (0.689 mi.)	27	89
SUN COMPANY INC Release Tracking Number / Current Status: 3-0004468 / RAO Release Tracking Number / Current Status: 3-0010637 / RAONR	142 MAIN ST	ESE 1/2 - 1 (0.746 mi.)	28	91
NO LOCATION AID Release Tracking Number / Current Status: 3-0026054 / RAO	67-69 PARK ST	SSW 1/2 - 1 (0.747 mi.)	29	99
PROPERTY Release Tracking Number / Current Status: 4-0019339 / RAO	137 MAIN ST	ESE 1/2 - 1 (0.774 mi.)	30	102
NO LOCATION AID Release Tracking Number / Current Status: 3-0013037 / RAO Release Tracking Number / Current Status: 3-0031565 / RAO	500 SALEM ST	WSW 1/2 - 1 (0.787 mi.)	32	108
STOP & SHOP SUPERMARKET #68 Release Tracking Number / Current Status: 3-0016995 / RAO	97 MAIN ST	ESE 1/2 - 1 (0.848 mi.)	33	110
DEPARTMENT OF PUBLIC WORKS Release Tracking Number / Current Status: 3-0021979 / RAO Release Tracking Number / Current Status: 3-0019809 / REMOPS	135 ANDOVER ST	W 1/2 - 1 (0.860 mi.)	34	112
LOT 2 MAP 24 Release Tracking Number / Current Status: 3-0013566 / RAO	86 MAIN ST	ESE 1/2 - 1 (0.888 mi.)	35	123

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROADWAY SPILL Release Tracking Number / Current Status: 3-0001880 / DEPND5	SALEM ST OVER RTE 93	WSW 1/2 - 1 (0.941 mi.)	36	124
NO LOCATION AID Release Tracking Number / Current Status: 3-0023318 / RAO	79 MAIN ST	SE 1/2 - 1 (0.984 mi.)	37	125

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 08/26/2014 has revealed that there is 1 LUST 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>
RTE 62 HEFFRON Release Tracking Number / Current Status: 3-0016522 / RAO	800 SALEM ST	WNW 0 - 1/8 (0.011 mi.)	B12	16

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Protection's Summary Listing of all the Tanks Registered in the State of Massachusetts.

A review of the UST list, as provided by EDR, and dated 07/18/2014 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HEFFRON MATERIALS Facility Id: 11408	SALEM ST	W 0 - 1/8 (0.046 mi.)	16	34

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/10/2014 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BENEVENTO ASPHALT CORPORATION	900 SALEM STREET	WNW 0 - 1/8 (0.011 mi.)	B13	18

EXECUTIVE SUMMARY

US MINES: Mines Master Index File. The source of this database is the Dept. of Labor, Mine Safety and Health Administration.

A review of the US MINES list, as provided by EDR, and dated 01/30/2014 has revealed that there are 2 US MINES sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BENEVENTO SAND & STONE CO		WNW 0 - 1/8 (0.014 mi.)	B15	27
HEFFRON ASPHALT CORP		WNW 1/8 - 1/4 (0.205 mi.)	18	36

HW GEN: 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.

A review of the HW GEN list, as provided by EDR, and dated 06/26/2014 has revealed that there is 1 HW GEN site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AGGREGATE INDUSTRIES NORTHEAST	900 SALEM ST	WNW 0 - 1/8 (0.011 mi.)	B14	26

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 07/02/2014 has revealed that there is 1 MERCURY site within approximately 0.5 miles of the target property.

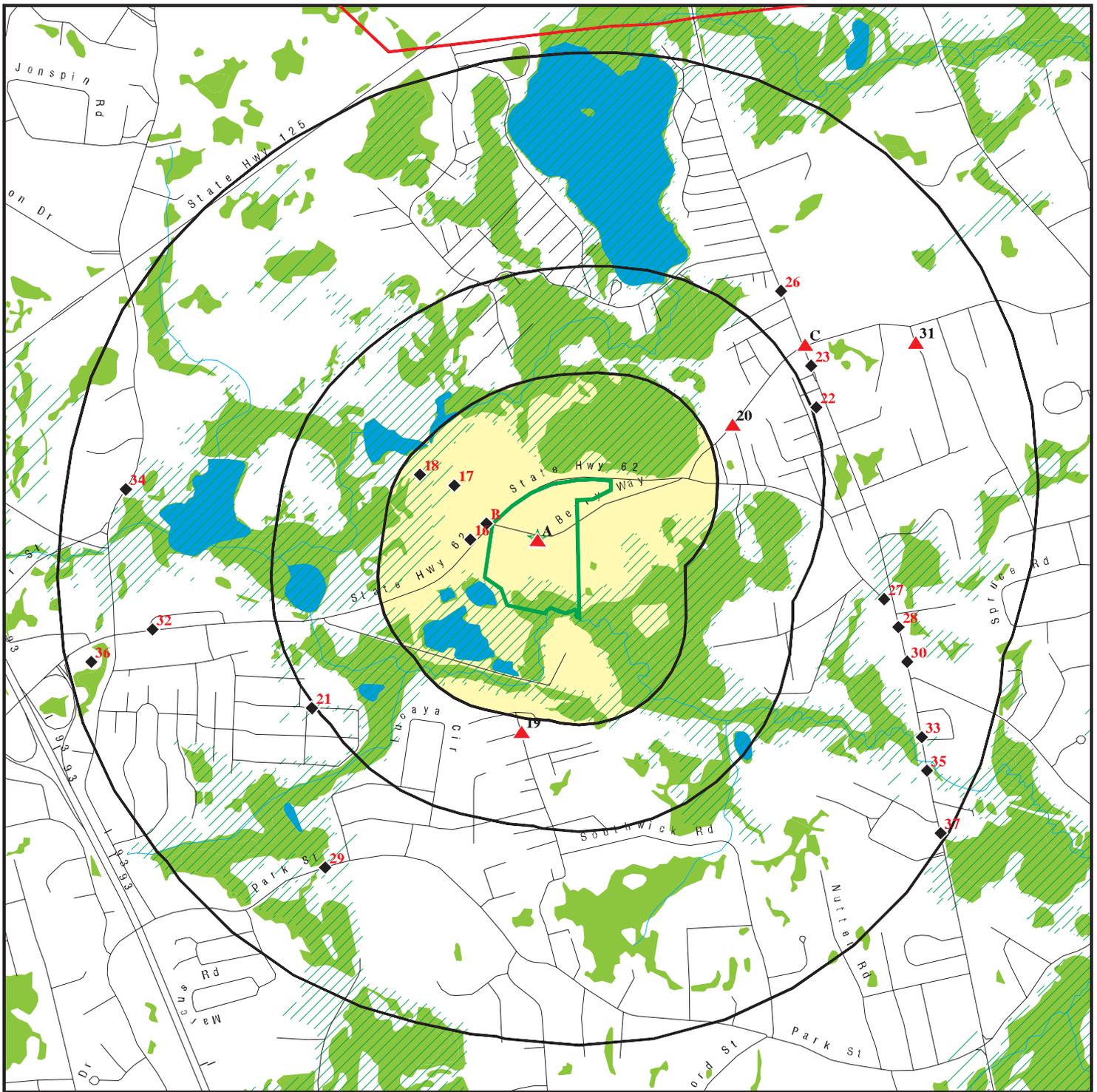
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HEALTH DEPARTMENT	TOWN HALL 235 NORTH STR	ENE 1/4 - 1/2 (0.314 mi.)	20	39

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

<u>Site Name</u>	<u>Database(s)</u>
CAROUSEL CLEANERS	HW GEN
CAROUSEL CLEANERS	SHWS, RELEASE, SPILLS, INST CONTROL, DRYCLEANERS, HW GEN
LOT 179	SHWS, RELEASE
NO LOCATION AID	SHWS, RELEASE
SOUTH OF EXIT 39	SHWS, RELEASE
3/4 MILES SOUTH OF CONCORD ST EXIT	SHWS, RELEASE
NO LOCATION AID	SHWS, RELEASE
FORMER FIRING RANGE	SHWS, RELEASE
ROADWAY	SHWS, RELEASE
NO LOCATION AID	SHWS, RELEASE
NO LOCATION AID	SHWS, RELEASE
ACROSS FROM #23	SHWS, RELEASE, SPILLS, ENF
TOWN RECYCLING FACILITY	SHWS, RELEASE
ASSESSORS MAP 25 LOTS 2 & 2A	SHWS, RELEASE, SPILLS
WILMINGTON DUMP	FINDS, SWF/LF
T T BERRY REHAB CEN	FINDS
JOHN T. BERRY REHAB. CENTER	RGA LUST
ADJACENT PROPERTY	RGA LUST
ADJACENT PROPERTY	RGA LUST
ADJACENT PROPERTY	RGA LUST

OVERVIEW MAP - 4114514.2S



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

County Boundary

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Critical Environmental Concern

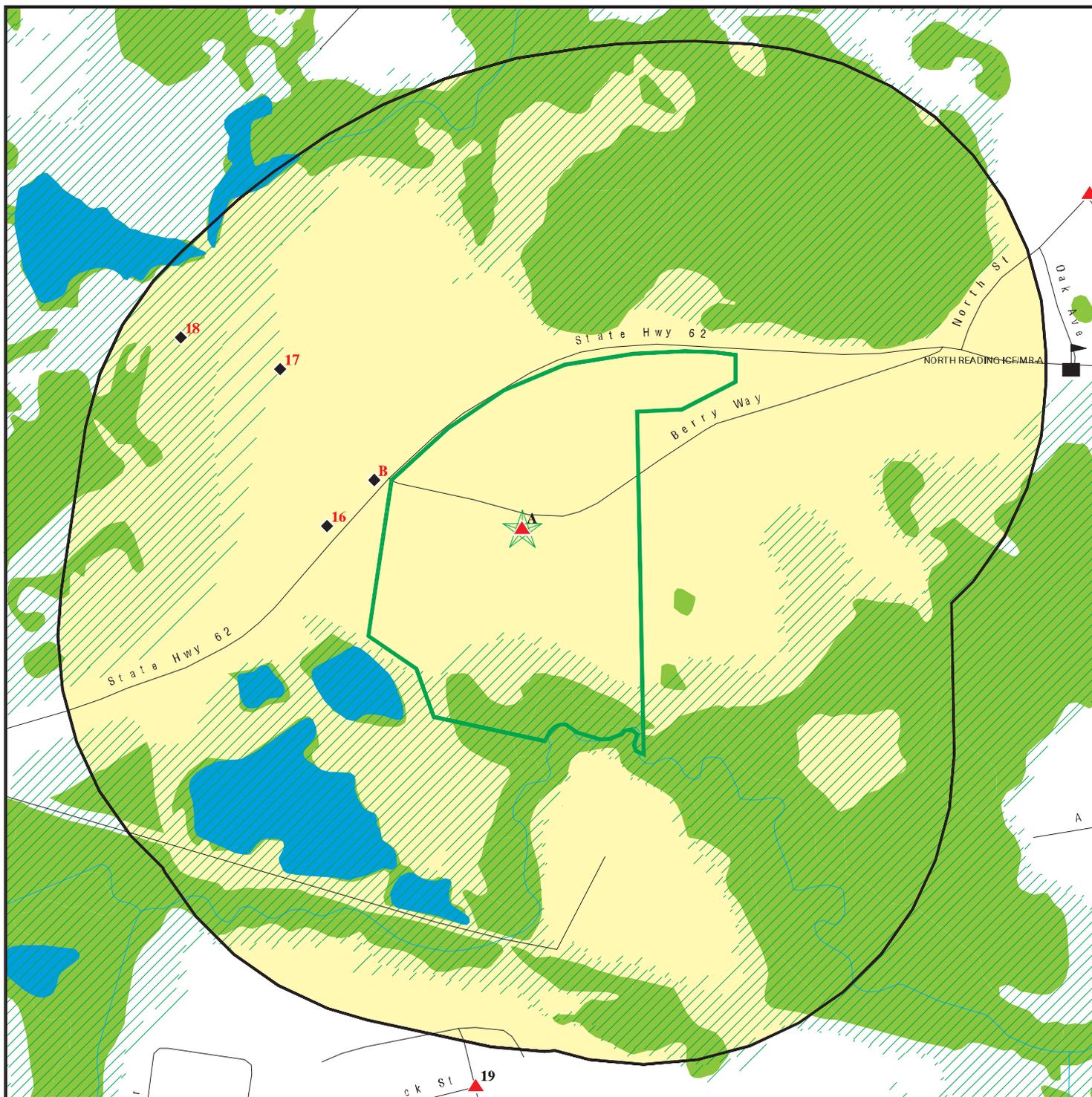


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: JT Berry Property
 ADDRESS: LOWELL RD
 North Reading MA 01864
 LAT/LONG: 42.5825 / 71.1285

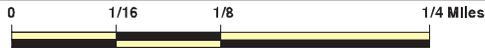
CLIENT: Weston and Sampson Engineers
 CONTACT: Joe Spencer
 INQUIRY #: 4114514.2s
 DATE: October 24, 2014 10:45 am

DETAIL MAP - 4114514.2S



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

- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- 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: JT Berry Property
 ADDRESS: LOWELL RD
 North Reading MA 01864
 LAT/LONG: 42.5825 / 71.1285

CLIENT: Weston and Sampson Engineers
 CONTACT: Joe Spencer
 INQUIRY #: 4114514.2s
 DATE: October 24, 2014 10:46 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
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500	1	0	0	0	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		2	0	NR	NR	NR	2
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000	1	0	1	1	17	NR	20
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500	1	1	0	0	NR	NR	2
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	0.250		1	0	NR	NR	NR	1

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
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
RELEASE	TP	2	NR	NR	NR	NR	NR	2
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
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		1	1	NR	NR	NR	2

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
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
LEAD	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
HW GEN	0.250		1	0	NR	NR	NR	1
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSD	0.500		0	0	0	NR	NR	0
MERCURY	0.500		0	0	1	NR	NR	1
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
GWDP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST	TP	3	NR	NR	NR	NR	NR	3
RGA HWS	TP	3	NR	NR	NR	NR	NR	3

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

A1 **JT BERRY REHAB CTR PP UST**
Target **LOWELL RD (RTE 62)**
Property **NORTH READING, MA 01864**

LUST **S100831271**
RELEASE **N/A**

Site 1 of 9 in cluster A

Actual:
101 ft.

LUST:

Facility:

Release Tracking Number/Current Status: 3-0003557 / RAO
Status Date: 08/07/2007
Source Type: UST
Release Town: NORTH READING
Notification Date: 04/15/1991
Category: NONE
Associated ID: Not reported
Phase: PHASE IV
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil
Location Type: POWERPLANT
Source: UST

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

Chemicals:

Chemical: GASOLINE
Quantity: Not reported
Chemical: VOCS
Quantity: Not reported
Chemical: OIL
Quantity: Not reported

Actions:

Action Type: Compliance and Enforcement Action
Action Status: RFI
Action Date: 1/8/1993
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: 10/5/1999
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: 12/1/1998
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: 12/28/2007
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

JT BERRY REHAB CTR PP UST (Continued)

S100831271

Action Type: Tier Classification
Action Status: Permit Effective Date
Action Date: 12/3/1997
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: 12/31/1999
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: 12/31/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 12/31/1999
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: 12/31/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 12/8/1999
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: 2/15/1995
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: 4/15/1991
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: 4/3/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Modified Revised or Updated Plan Received
Action Date: 4/9/1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JT BERRY REHAB CTR PP UST (Continued)

S100831271

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: 4/9/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 1C Classification
Action Date: 8/1/1997

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: 8/1/1997

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: 8/1/1997

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: 8/7/2007

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: 8/7/2007

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRUN
Action Date: 9/6/1997

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: BWS03
Action Status: APPROV
Action Date: Not reported

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0003557 / RAO
Primary ID: Not reported
Official City: NORTH READING
Notification: 04/15/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JT BERRY REHAB CTR PP UST (Continued)

S100831271

Category: NONE
Status Date: 08/07/2007
Phase: PHASE IV
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:](#)

**A2
Target
Property**

**JOHN BERRY REHAB CENTER
LOWELL ST
NORTH READING, MA**

**RGA HWS S115026889
N/A**

Site 2 of 9 in cluster A

**Actual:
101 ft.**

RGA HWS:
1997 JOHN BERRY REHAB CENTER LOWELL ST
1996 JOHN BERRY REHAB CENTER LOWELL ST

**A3
Target
Property**

**JOHN BERRY REHABILITATION CENTER
LOWELL STREET
NORTH READING, MA 01864**

**CERC-NFRAP 1003862352
MAD980909147**

Site 3 of 9 in cluster A

**Actual:
101 ft.**

CERC-NFRAP:
Site ID: 0100772
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 1334735.00000
Person ID: 1270187.00000

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: / /
Date Completed: 11/01/80
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 11/01/80
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 11/01/80
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

A4	JOHN BERRY REHAB CENTER	RGA HWS	S115026887
Target	LOWELL RD		N/A
Property	NORTH READING, MA		

Site 4 of 9 in cluster A

Actual:	RGA HWS:				
101 ft.		2012	JOHN BERRY REHAB CENTER	LOWELL RD	
		2011	JOHN BERRY REHAB CENTER	LOWELL RD	
		2010	JOHN BERRY REHAB CENTER	LOWELL RD	
		2009	JOHN BERRY REHAB CENTER	LOWELL RD	
		2008	JOHN BERRY REHAB CENTER	LOWELL RD	
		2007	JOHN BERRY REHAB CENTER	LOWELL RD	
		2006	JOHN BERRY REHAB CENTER	LOWELL RD	
		2005	JOHN BERRY REHAB CENTER	LOWELL RD	
		2004	JOHN BERRY REHAB CENTER	LOWELL RD	
		2003	JOHN BERRY REHAB CENTER	LOWELL RD	
		2002	JOHN BERRY REHAB CENTER	LOWELL RD	
		2001	JOHN BERRY REHAB CENTER	LOWELL RD	
		2000	JOHN BERRY REHAB CENTER	LOWELL RD	
		1999	JOHN BERRY REHAB CENTER	LOWELL RD	
		1998	JOHN BERRY REHAB CENTER	LOWELL RD	
		1995	JOHN BERRY REHAB CENTER	LOWELL RD	
		1994	JOHN BERRY REHAB CENTER	LOWELL RD	

A5	J T BERRY REHAB CTR POWER PLNT	RGA LUST	S114999973
Target	LOWELL RD (RTE 62)		N/A
Property	NORTH READING, MA		

Site 5 of 9 in cluster A

Actual:	RGA LUST:				
101 ft.		1996	J T BERRY REHAB CTR POWER PLNT	LOWELL RD (RTE 62)	
		1995	J T BERRY REHAB CTR POWER PLNT	LOWELL RD (RTE 62)	
		1994	J T BERRY REHAB CTR POWER PLNT	LOWELL RD (RTE 62)	

A6	JOHN BERRY REHAB.CTR.POWR.PLNT	RGA LUST	S115000092
Target	LOWEL ST.(RTE.62)		N/A
Property	NORTH READING, MA		

Site 6 of 9 in cluster A

Actual:	RGA LUST:				
101 ft.		1993	JOHN BERRY REHAB.CTR.POWR.PLNT	LOWEL ST.(RTE.62)	

A7	JT BERRY REHAB CTR PP UST	RGA LUST	S115000136
Target	LOWELL RD (RTE 62)		N/A
Property	NORTH READING, MA		

Site 7 of 9 in cluster A

Actual:	RGA LUST:				
101 ft.		2012	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)	
		2011	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)	
		2010	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)	
		2009	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)	
		2008	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)	

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JT BERRY REHAB CTR PP UST (Continued)

S115000136

2007	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)
2006	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)
2005	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)
2004	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)
2003	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)
2002	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)
2001	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)
2000	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)
1999	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)
1998	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)
1997	JT BERRY REHAB CTR PP UST	LOWELL RD (RTE 62)

A8
 Target
 Property

JOHN BERRY REHAB CENTER
LOWELL ST.
NORTH READING, MA

RGA HWS **S115026888**
N/A

Site 8 of 9 in cluster A

Actual:
101 ft.

RGA HWS:

1993	JOHN BERRY REHAB CENTER	LOWELL ST.
1992	JOHN BERRY REHAB CENTER	LOWELL ST.
1991	JOHN BERRY REHAB CENTER	LOWELL ST.

A9
 Target
 Property

JOHN BERRY REHAB CENTER
LOWELL RD
NORTH READING, MA 01864

SHWS **S103043808**
RELEASE **N/A**

Site 9 of 9 in cluster A

Actual:
101 ft.

SHWS:

Release Tracking Number/Current Status: 3-0000599 / LSPNFA
 Release Town: NORTH READING
 Notification Date: 01/15/1987
 Category: NONE
 Associated ID: Not reported
Current Status: LSP No Further Action
 Status Date: 08/04/1995
 Phase: Not reported
 Response Action Outcome: -
 Oil Or Haz Material: Not reported

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: UNKNOWN
 Quantity: Not reported

Actions:

Action Type: Release Disposition
 Action Status: Valid Transition Site
 Action Date: 1/15/1987
 Response Action Outcome: Not reported

Action Type: TREGS
 Action Status: LSPNFA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN BERRY REHAB CENTER (Continued)

S103043808

Action Date: 8/4/1995
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0000599 / LSPNFA
Primary ID: Not reported
Official City: NORTH READING
Notification: 01/15/1987
Category: NONE
Status Date: 08/04/1995
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Not reported

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

B10
WNW
< 1/8
0.011 mi.
56 ft.

AGGREGATE INDUSTRIES NORTHEAST REGION
900 SALEM ST
WILMINGTON, MA 01887
Site 1 of 6 in cluster B

RCRA-CESQG 1016448890
FINDS MAC300093804

Relative:
Lower

RCRA-CESQG:

Actual:
98 ft.

Date form received by agency: 12/16/2013
Facility name: AGGREGATE INDUSTRIES NORTHEAST REGION
Facility address: 900 SALEM ST
WILMINGTON, MA 01887
EPA ID: MAC300093804
Contact: LISA YOUNG
Contact address: AGGREGATE INDUSTRIES NORTHEAST 1715 BROADWAY
SAUGUS, MA 019060000
Contact country: US
Contact telephone: 7819417200X4051
Contact email: LISA.YOUNG@AGGREGATE-US.COM
EPA Region: 01
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: BENEVENTO FAMILY LIMITED PARTNERSHIP
Owner/operator address: AGGREGATE INDUSTRIES NORTHEAST 1715 BROADWAY
SAUGUS, MA 01906

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AGGREGATE INDUSTRIES NORTHEAST REGION (Continued)

1016448890

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1934
Owner/Op end date: Not reported

Owner/operator name: AGGREGATE INDUSTRIES NORTHEAST REGION
Owner/operator address: AGGREGATE INDUSTRIES NORTHEAST 1715 BROADWAY
SAUGUS, MA 01906

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/07/2002
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 09/20/2013
Site name: AGGREGATE INDUSTRIES NORTHEAST REGION
Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: MA01
Waste name: WASTE OIL

Waste code: MA95

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AGGREGATE INDUSTRIES NORTHEAST REGION (Continued)

1016448890

Waste name: UNIVERSAL WASTE
 Waste code: MA98
 Waste name: OFF SPECIFICATION USED OIL FUEL THAT IS SHIPPED USING A HW MANIFEST
 Violation Status: No violations found

FINDS:

Registry ID: 110059773909

Environmental Interest/Information System

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

**B11
 WNW
 < 1/8
 0.011 mi.
 56 ft.**

**BENEVENTO SAND & STONE CORPORATION
 900 SALEM ST
 WILMINGTON, MA 01887
 Site 2 of 6 in cluster B**

**RCRA-CESQG 1016676382
 FINDS MAC300095114**

**Relative:
 Lower**

RCRA-CESQG:

Date form received by agency: 02/18/2014
 Facility name: BENEVENTO SAND & STONE CORPORATION
 Facility address: 900 SALEM ST
 RT 62
 WILMINGTON, MA 01887
 EPA ID: MAC300095114
 Mailing address: PO BOX 454
 WILMINGTON, MA 018870000
 Contact: WILLIAM SCHNEIDER
 Contact address: 900 SALEM ST RT 62
 WILMINGTON, MA 018870000
 Contact country: US
 Contact telephone: 9786585300X121
 Contact email: BSCHNEIDER@BENEVENTOCOMPANIES.COM
 EPA Region: 01

**Actual:
 98 ft.**

Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BENEVENTO SAND & STONE CORPORATION (Continued)

1016676382

Handler Activities Summary:

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

Hazardous Waste Summary:

Waste code: D039
 Waste name: TETRACHLOROETHYLENE

 Waste code: MA01
 Waste name: WASTE OIL

Violation Status: No violations found

FINDS:

Registry ID: 110058886549

Environmental Interest/Information System

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

B12
WNW
 < 1/8
 0.011 mi.
 56 ft.

RTE 62 HEFFRON
800 SALEM ST
WILMINGTON, MA 01887

LUST S102967593
RELEASE N/A

Site 3 of 6 in cluster B

Relative:
Lower

LUST:

Actual:
 98 ft.

Facility:

Release Tracking Number/Current Status: 3-0016522 / RAO
 Status Date: 06/01/1998
 Source Type: UST
 Release Town: WILMINGTON
 Notification Date: 02/20/1998
 Category: 120 DY
 Associated ID: Not reported
 Phase: Not reported
 Response Action Outcome: A2 - 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

RTE 62 HEFFRON (Continued)

S102967593

Oil Or Haz Material: Oil
Location Type: COMMERCIAL
Source: UST

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

Chemicals:

Chemical: DIESEL FUEL
Quantity: 51.7 milligrams per liter
Chemical: FUEL OIL #2
Quantity: 51.7 milligrams per liter

Actions:

Action Type: Release Abatement Measure
Action Status: Oral Approval of Plan or Action
Action Date: 2/20/1998
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: 2/20/1998
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: 2/23/1998
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: 2/24/1998
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: 2/24/1998
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: 3/25/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 6/1/1998
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

RTE 62 HEFFRON (Continued)

S102967593

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 6/1/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0016522 / RAO
Primary ID: Not reported
Official City: WILMINGTON
Notification: 02/20/1998
Category: 120 DY
Status Date: 06/01/1998
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:](#)

**B13
WNW
< 1/8
0.011 mi.
56 ft.**

**BENEVENTO ASPHALT CORPORATION
900 SALEM STREET
WILMINGTON, MA 01887**

**RCRA NonGen / NLR 1000111475
FINDS MAD003809241
US AIRS**

Site 4 of 6 in cluster B

**Relative:
Lower**

RCRA NonGen / NLR:
Date form received by agency: 08/15/2001
Facility name: RED E MIX CORP
Facility address: RTE 62
WILMINGTON, MA 01887
EPA ID: MAD003809241
Mailing address: SALEM ST PO BOX 479 RTE 62
NO WILMINGTON, MA 01887
Contact: CHARLES HUMPHREY
Contact address: SALEM ST PO BOX 479 RTE 62
NO WILMINGTON, MA 01887
Contact country: US
Contact telephone: (508) 658-9542
Contact email: Not reported
EPA Region: 01
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

**Actual:
98 ft.**

Owner/Operator Summary:

Owner/operator name: RED E MIX CORP
Owner/operator address: SALEM ST PO BOX 479 RTE 62
NO WILMINGTON, MA 01887
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENEVENTO ASPHALT CORPORATION (Continued)

100011475

Owner/operator name: RED E MIX CONCRETE
Owner/operator address: SALEM ST PO BOX 479 RTE 62
NO WILMINGTON, MA 01887
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/01/1990
Owner/Op end date: 01/13/2003

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 10/09/1986
Site name: RED E MIX CORP
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110059459483

Environmental Interest/Information System
OSHA ESTABLISHMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENEVENTO ASPHALT CORPORATION (Continued)

100011475

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID: 110013335603
Plant name: BENEVENTO ASPHALT CORPORATION
Plant address: 900 SALEM STREET-B
WILMINGTON, MA 018870000
County: METROPOLITAN BOSTON
Region code: 01
Dunn & Bradst #: 001419555
Air quality cntrl region: 119
Sic code: 2951
Sic code desc: ASPHALT PAVING MIXTURES AND BLOCKS
North Am. industrial classf: Not reported
NAIC code description: Not reported
Default compliance status: IN COMPLIANCE - CERTIFICATION
Default classification: POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS
IF AND ONLY IF THE SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE
REGULATIONS OR LIMITATIONS.
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR
LOCAL GOVERNMENT
Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 000420
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 010305
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 010808
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 011101
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 011214
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 020411
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: NXXXXX

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENEVENTO ASPHALT CORPORATION (Continued)

100011475

Date achieved:	030227
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	030403
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	030930
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	040407
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	050318
Penalty amount:	000000000
Air program:	NSPS
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	050410
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED FCE / ON-SITE
Date achieved:	050410
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	060320
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	061129
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	970318
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	980212
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	PCE/OFF-SITE
Date achieved:	990225
Penalty amount:	000000000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENEVENTO ASPHALT CORPORATION (Continued)

100011475

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1102
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENEVENTO ASPHALT CORPORATION (Continued)

100011475

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1104
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1201
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1202
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1203
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1204
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1301
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1302
Air prog code hist file:	Not reported
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1303
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - CERTIFICATION
Hist compliance date:	1004
Air prog code hist file:	NSPS
State compliance status:	IN COMPLIANCE - CERTIFICATION
Hist compliance date:	1101
Air prog code hist file:	NSPS
State compliance status:	IN COMPLIANCE - CERTIFICATION
Hist compliance date:	1103
Air prog code hist file:	NSPS
State compliance status:	IN COMPLIANCE - CERTIFICATION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENEVENTO ASPHALT CORPORATION (Continued)

100011475

Hist compliance date: 1104
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1201
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1202
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1203
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1204
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1301
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1302
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE - CERTIFICATION
Hist compliance date: 1303
Air prog code hist file: NSPS

Airs Minor Details:

EPA plant ID: 110013335603
Plant name: AGGREGATE INDUSTRIES-NORTHEAST REGIONINC
Plant address: 900 SALEM STREET-AI
WILMINGTON, MA 018870000
County: METROPOLITAN BOSTON
Region code: 01
Dunn & Bradst #: Not reported
Air quality cntrl region: 119
Sic code: 3273
Sic code desc: READY MIXED CONCRETE
North Am. industrial classf: Not reported
NAIC code description: Not reported
Default compliance status: IN COMPLIANCE - INSPECTION
Default classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR
LOCAL GOVERNMENT
Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENEVENTO ASPHALT CORPORATION (Continued)

100011475

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 00000
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: Not reported
Date achieved: 05175
Penalty amount: Not reported

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENEVENTO ASPHALT CORPORATION (Continued)

100011475

Air prog code hist file: SIP SOURCE

Compliance & Violation Data by Minor Sources:

Air program code: SIP SOURCE
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - INSPECTION
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: VOLATILE ORGANIC COMPOUNDS
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - INSPECTION
Def. attainment/non atnmnt: ALL OTHER NON-ATTAINMENT FOR PRIMARY AND SECONDARY STANDARDS
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: CARBON MONOXIDE
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - INSPECTION
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: TOTAL PARTICULATE MATTER
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - INSPECTION
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: SULFUR DIOXIDE
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - INSPECTION
Def. attainment/non atnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

**B14
WNW
< 1/8
0.011 mi.
56 ft.**

**AGGREGATE INDUSTRIES NORTHEAST REGION
900 SALEM ST
WILMINGTON, MA 01887
Site 5 of 6 in cluster B**

**AIRS S107846705
HW GEN N/A**

**Relative:
Lower**

AIRS:

Facility Status: APPROV
Permit Code: AQ02
Permit Name: Plan Application Non-Major Comprehensive
DEP Region: NE
Application Tracking Number: W055474
Date Closed: 03/09/2005
Applicant Name: BENEVENTO ASPHALT CORP

**Actual:
98 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AGGREGATE INDUSTRIES NORTHEAST REGION (Continued)

S107846705

Applicant Address: Not reported
Applicant City,St,Zip: Not reported
Applicant Telephone: 9786584762

Facility Status: APPROV
Permit Code: AQ01
Permit Name: Plan Application Limited
DEP Region: NE
Application Tracking Number: W163500
Date Closed: 12/20/2007
Applicant Name: BENEVENTO SAND & STONE CORP
Applicant Address: 900 SALEM ST
Applicant City,St,Zip: WILMINGTON, MA 018870000
Applicant Telephone: 9788584762

Facility Status: APPROV
Permit Code: AQ01
Permit Name: Plan Application Limited
DEP Region: NE
Application Tracking Number: W060818
Date Closed: 09/01/2005
Applicant Name: AGGREGATE INDUSTRIES
Applicant Address: 1715 BROADWAY
Applicant City,St,Zip: SAUGUS, MA 01906
Applicant Telephone: 7819417200

HW GEN:
EPA Id: MAC300093804
RCRA Generator Status: VSQG
State Generator Status: VQG-MA

EPA Id: MAC300095114
RCRA Generator Status: VSQG
State Generator Status: LQG-MA

B15
WNW
< 1/8
0.014 mi.
73 ft.

BENEVENTO SAND & STONE CO
MIDDLESEX (County), MA
Site 6 of 6 in cluster B

US MINES 1011173060
N/A

Relative:
Lower

US MINES:
Mine ID: 1900288
SIC code(s): 14290 00000 00000 00000 00000
Entity name: NORTH WILMINGTON QUA
Company: BENEVENTO SAND & STONE CO
State FIPS code: MA
County FIPS code: MIDDLESEX
Status: 1
Status date: 20090107
Operation Class: non-Coal Mining
Number of shops: 0
Number of plants: 0
Latitude: 42 34 59
Longitude: 071 07 51

Actual:
96 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENEVENTO SAND & STONE CO (Continued)

1011173060

Violations Details:

Violation Number: 8644615
Date Issued: 12/15/2010
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 12/15/2010
Citation/Order: Citation
Sig and Sub Designation: Y
Proposed Penalty: 1,026.00
Paid Penalty: 1,026.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 1,026.00
Year: 2010

Violation Number: 8644610
Date Issued: 12/14/2010
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 12/14/2010
Citation/Order: Citation
Sig and Sub Designation: N
Proposed Penalty: 460.00
Paid Penalty: 460.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 460.00
Year: 2010

Violation Number: 8644614
Date Issued: 12/14/2010
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 04/04/2011
Citation/Order: Citation
Sig and Sub Designation: N
Proposed Penalty: 207.00
Paid Penalty: 207.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 207.00
Year: 2010

Violation Number: 8644613
Date Issued: 12/14/2010
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 12/15/2010
Citation/Order: Citation
Sig and Sub Designation: N
Proposed Penalty: 460.00
Paid Penalty: 460.00
Assessment Status code: Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENEVENTO SAND & STONE CO (Continued)

1011173060

Assess. Case Status code: Proposed
Assessment Amount: 460.00
Year: 2010

Violation Number: 8644612
Date Issued: 12/14/2010
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 12/14/2010
Citation/Order: Citation
Sig and Sub Designation: N
Proposed Penalty: 460.00
Paid Penalty: 460.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 460.00
Year: 2010

Violation Number: 8644611
Date Issued: 12/14/2010
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 12/14/2010
Citation/Order: Citation
Sig and Sub Designation: N
Proposed Penalty: 460.00
Paid Penalty: 460.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 460.00
Year: 2010

Violation Number: 8712185
Date Issued: 10/08/2013
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 10/08/2013
Citation/Order: Citation
Sig and Sub Designation: N
Proposed Penalty: 873
Paid Penalty: 873
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 873
Year: 2013

Violation Number: 8712186
Date Issued: 10/08/2013
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 10/08/2013
Citation/Order: Citation
Sig and Sub Designation: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENEVENTO SAND & STONE CO (Continued)

1011173060

Proposed Penalty: 4329
Paid Penalty: 4329
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 4329
Year: 2013

Violation Number: 6065416
Date Issued: 09/30/2008
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 09/30/2008
Citation/Order: Citation
Sig and Sub Designation: Y
Proposed Penalty: 100.00
Paid Penalty: 100.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 100.00
Year: 2008

Violation Number: 6065415
Date Issued: 09/30/2008
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 09/30/2008
Citation/Order: Citation
Sig and Sub Designation: N
Proposed Penalty: 100.00
Paid Penalty: 100.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 100.00
Year: 2008

Violation Number: 6035302
Date Issued: 09/29/2005
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 09/29/2005
Citation/Order: Citation
Sig and Sub Designation: N
Proposed Penalty: 60.00
Paid Penalty: 60.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 60.00
Year: 2005

Violation Number: 6012340
Date Issued: 09/29/2004
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENEVENTO SAND & STONE CO (Continued)

1011173060

Date Abated: 09/30/2004
Citation/Order: Citation
Sig and Sub Designation: N
Proposed Penalty: 60.00
Paid Penalty: 60.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 60.00
Year: 2004

Violation Number: 6012341
Date Issued: 09/29/2004
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 09/30/2004
Citation/Order: Citation
Sig and Sub Designation: Y
Proposed Penalty: 268.00
Paid Penalty: 268.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 268.00
Year: 2004

Violation Number: 6012342
Date Issued: 09/29/2004
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 09/30/2004
Citation/Order: Citation
Sig and Sub Designation: Y
Proposed Penalty: 268.00
Paid Penalty: 268.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 268.00
Year: 2004

Violation Number: 6028600
Date Issued: 09/28/2005
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 09/29/2005
Citation/Order: Citation
Sig and Sub Designation: Y
Proposed Penalty: 286.00
Paid Penalty: 286.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 286.00
Year: 2005

Violation Number: 6028593
Date Issued: 09/28/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENEVENTO SAND & STONE CO (Continued)

1011173060

Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 09/29/2005
Citation/Order: Citation
Sig and Sub Designation: Y
Proposed Penalty: 286.00
Paid Penalty: 286.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 286.00
Year: 2005

Violation Number: 6028595
Date Issued: 09/28/2005
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 02/21/2006
Citation/Order: Citation
Sig and Sub Designation: N
Proposed Penalty: 60.00
Paid Penalty: 60.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 60.00
Year: 2005

Violation Number: 6028596
Date Issued: 09/28/2005
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 09/29/2005
Citation/Order: Citation
Sig and Sub Designation: Y
Proposed Penalty: 286.00
Paid Penalty: 286.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 286.00
Year: 2005

Violation Number: 6028599
Date Issued: 09/28/2005
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 09/29/2005
Citation/Order: Citation
Sig and Sub Designation: Y
Proposed Penalty: 177.00
Paid Penalty: 177.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 177.00
Year: 2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BENEVENTO SAND & STONE CO (Continued)

1011173060

Violation Number: 6028598
Date Issued: 09/28/2005
Mine Status: Active
Status Date: 01/07/2009
Action Type: 104(a)
Date Abated: 09/29/2005
Citation/Order: Citation
Sig and Sub Designation: N
Proposed Penalty: 60.00
Paid Penalty: 60.00
Assessment Status code: Closed
Assess. Case Status code: Proposed
Assessment Amount: 60.00
Year: 2005

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BENEVENTO SAND & STONE CO (Continued)

1011173060

[Click this hyperlink](#) while viewing on your computer to access
 174 additional US_MINES: record(s) in the EDR Site Report.

16
West
< 1/8
0.046 mi.
242 ft.

HEFFRON MATERIALS
SALEM ST
WILMINGTON, MA 01887

UST
ENF
Financial Assurance

U003655109
N/A

Relative:
Lower

UST:

Facility:

Actual:
89 ft.

Facility ID: 11408
 Owner Id: 3014
 Owner: HEFFRON MATERIALS
 Owner Address: 68 WINTER ST
 Owner City,St,Zip: NORTH READING, MA 01864
 Telephone: (617) 658-3602
 Description: Other
 Fire Dept. ID: 17342
 Date of Inspection: Not reported

Tank ID: 2
 Serial Number: Not reported
Tank Status: Removed
 Status Date: 12/10/1997
 Date Installed: 05/07/1966
 Capacity: 3000
 Contents: Diesel
 Tank Type: Not reported
 Tank Usage: Not reported
 Tank Material: Steel
 Tank Leak Detection: Not reported
 Pipe Material: Steel
 Pipe Container: Not reported
 Pipe Leak Detection: Not reported
 Above Ground: No

Tank ID: 3
 Serial Number: Not reported
Tank Status: Removed
 Status Date: 12/10/1997
 Date Installed: 05/07/1966
 Capacity: 4000
 Contents: Diesel
 Tank Type: Not reported
 Tank Usage: Not reported
 Tank Material: Steel
 Tank Leak Detection: Not reported
 Pipe Material: Steel
 Pipe Container: Not reported
 Pipe Leak Detection: Not reported
 Above Ground: No

Tank ID: 4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEFFRON MATERIALS (Continued)

U003655109

Serial Number: Not reported
Tank Status: **Removed**
Status Date: 12/10/1997
Date Installed: Not reported
Capacity: 3000
Contents: Diesel
Tank Type: Not reported
Tank Usage: Not reported
Tank Material: Not reported
Tank Leak Detection: Not reported
Pipe Material: Not reported
Pipe Container: Not reported
Pipe Leak Detection: Not reported
Above Ground: No

MA ENFORCEMENT :

Facility ID: ACOP-NE-04-6W004
Facility Type: ACOP
Name: HEFFRON ASPHALT CORPORATION
Address 1: PO BOX 176
Address 2: NORTH READING, MA
Reg: NE
Issue Date: 2004-06-04 00:00:00
Facility ID: ACOP-NE-04-6W004
Second Name: HEFFRON MATERIALS
Comments: \$12,500 SUSPENDED.
Prog: Wetlands & Waterways

MA Financial Assurance 2:

Facility Id: 11408
Description: Other
Work Phone: (617) 658-3602

17
WNW
1/8-1/4
0.127 mi.
668 ft.

REDIMIX CORP
MIDDLESEX TPKE SALEM ST
WILMINGTON, MA 01887

SHWS S100830077
RELEASE N/A

Relative:
Lower

SHWS:

Actual:
88 ft.

Release Tracking Number/Current Status: 3-0000914 / RAO
Release Town: WILMINGTON
Notification Date: 03/27/1987
Category: NONE
Associated ID: Not reported
Current Status: **Response Action Outcome**
Status Date: 02/23/2004
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: Not reported

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

REDIMIX CORP (Continued)

S100830077

Chemicals:

Chemical: UNKNOWN
 Quantity: Not reported

Actions:

Action Type: RAO - DEP Lead
 Action Status: RAO Statement Received
 Action Date: 2/23/2004
 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: 3/27/1987
 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: 3/27/1987
 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: 3-0000914 / RAO
 Primary ID: Not reported
 Official City: WILMINGTON
 Notification: 03/27/1987
 Category: NONE
 Status Date: 02/23/2004
 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:](#)

18
 WNW
 1/8-1/4
 0.205 mi.
 1082 ft.

HEFFRON ASPHALT CORP
MIDDLESEX (County), MA

US MINES 1016486182
N/A

Relative:
 Lower

US MINES:
 Mine ID: 1900802
 SIC code(s): 14290 00000 00000 00000 00000 00000
 Entity name: WILMINGTON PLANT
 Company: HEFFRON ASPHALT CORP
 State FIPS code: MA
 County FIPS code: MIDDLESEX
 Status: 4
 Status date: 19800409
 Operation Class: non-Coal Mining
 Number of shops: 0
 Number of plants: 0

Actual:
 82 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HEFFRON ASPHALT CORP (Continued)

1016486182

Latitude: 42 35 05
Longitude: 071 08 02

19
South
1/4-1/2
0.283 mi.
1493 ft.

RESIDENTIAL PROPERTY
45 LINWOOD AVE
NORTH READING, MA 01864

SHWS **S105914106**
RELEASE **N/A**

Relative:
Higher

SHWS:

Actual:
114 ft.

Release Tracking Number/Current Status: 3-0022803 / RAO
Release Town: NORTH READING
Notification Date: 04/20/2003
Category: TWO HR
Associated ID: Not reported
Current Status: **Response Action Outcome**
Status Date: 04/20/2004
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil Or Haz Material: Hazardous Material
Location Type: RESIDENTIAL
Source: BARN FIRE

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: LEAD
Quantity: Not reported

Actions:

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 10/28/2003
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: 10/28/2003
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: 11/26/2003
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: 2/26/2004
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RESIDENTIAL PROPERTY (Continued)

S105914106

Action Date: 3/1/2004
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: 4/20/2003
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: 4/20/2003
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: 4/20/2004
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: 4/20/2004
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: 7/11/2003
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: 7/23/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0022803 / RAO
Primary ID: Not reported
Official City: NORTH READING
Notification: 04/20/2003
Category: TWO HR
Status Date: 04/20/2004
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Hazardous Material

[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

20
ENE
1/4-1/2
0.314 mi.
1656 ft.

HEALTH DEPARTMENT
TOWN HALL 235 NORTH STREET
NORTH READING, MA

MERCURY S113670078
N/A

Relative:
Higher

MERCURY:

Hours1: Mon - Thurs 8am - 4pm
Hours2: Fri 8am - 1pm
Website: http://northreadingma.gov/Pages/NReadingMA_Health/mercury
Work Phone: 978-664-6042
Button Batteries B: Y
Button Batteries R: Y
Fluorescent Lamps (Incl# Cfls) B: Not reported
Fluorescent Lamps (Incl# Cfls) R: Not reported
Thermostats B: Y
Thermostats R: Y
Electronics-Inc Flat Panel TV,Laptops B: Not reported
Electronics-Inc Flat Panel TV,Laptops R: Not reported
Other Hg Products-Thermometers Blood Press Cuffs B: Y
Other Hg Products-Thermometers Blood Press Cuffs R: Y
Comments:

Also accepting button cell batteries and thermometers. Fluorescent bulbs can be recycled at Reading Lumber, 124 Main Street in North Reading.

21
SW
1/2-1
0.507 mi.
2677 ft.

NO LOCATION AID
19 DRAPER DR
WILMINGTON, MA 01887

SHWS S108117433
RELEASE N/A

Relative:
Lower

SHWS:

Release Tracking Number/Current Status: 3-0026055 / RAO
Release Town: WILMINGTON
Notification Date: 05/26/2006
Category: TWO HR
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 10/31/2006
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: ROADWAY
Location Type: RESIDENTIAL
Source: DRUMS

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

Chemicals:

Chemical: GASOLINE
Quantity: Not reported
Chemical: LUBRICATING OIL
Quantity: Not reported
Chemical: WASTE OIL
Quantity: 385 gallons

Actions:

Action Type: RNF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S108117433

Action Status: Reportable Release under MGL 21E
Action Date: 10/16/2006
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: 10/19/2006
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: 10/19/2006
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: 10/31/2006
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: 5/26/2006
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: 8/16/2006
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: 8/16/2006
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: 8/22/2006
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: 8/23/2006
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: 8/9/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S108117433

to background or a threat of release has been eliminated.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 8/9/2006
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: 9/19/2006
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: 9/5/2006
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: 3-0026055 / RAO
Primary ID: Not reported
Official City: WILMINGTON
Notification: 05/26/2006
Category: TWO HR
Status Date: 10/31/2006
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:](#)

22
ENE
1/2-1
0.511 mi.
2697 ft.

VALVOLINE INSTANT OIL CHANGE
216 MAIN ST
NORTH READING, MA 01864

RCRA-CESQG 1000356454
FINDS MAD985276567
SHWS
RELEASE
HW GEN

Relative:
Lower

RCRA-CESQG:
Date form received by agency: 07/25/1989
Facility name: VALVOLINE INSTANT OIL CHANGE
Facility address: 216 MAIN ST
NORTH READING, MA 01864
EPA ID: MAD985276567
Mailing address: C\O HENLEY ENTERPRISES INC
888 WORCESTER STREET
WELLESLEY, MA 024810000
Contact: DONALD SMITH
Contact address: 888 WORCESTER ST STE 80
WELLESLEY, MA 02481
Contact country: US
Contact telephone: (781) 235-9200
Contact email: Not reported

Actual:
93 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALVOLINE INSTANT OIL CHANGE (Continued)

1000356454

EPA Region: 01
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: HENLEY ENTERPRISES INC
Owner/operator address: 888 WORCESTER ST STE 80
WELLESLEY, MA 02481
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/16/2004
Owner/Op end date: Not reported

Owner/operator name: VALVOLINE INSTANT OIL CHANGE
Owner/operator address: 888 WORCESTER ST STE 80
WELLESLEY, MA 02481
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/08/1991
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALVOLINE INSTANT OIL CHANGE (Continued)

1000356454

Facility Has Received Notices of Violations:

Regulation violated: SR - 340(1)(f)
Area of violation: State Statute or Regulation
Date violation determined: 02/08/1996
Date achieved compliance: 05/14/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/26/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 253(5)(a)
Area of violation: State Statute or Regulation
Date violation determined: 02/08/1996
Date achieved compliance: 05/14/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/26/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 331(1)
Area of violation: Generators - Manifest
Date violation determined: 02/08/1996
Date achieved compliance: 05/14/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/26/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 340(1)(b)
Area of violation: State Statute or Regulation
Date violation determined: 02/08/1996
Date achieved compliance: 05/14/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/26/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALVOLINE INSTANT OIL CHANGE (Continued)

1000356454

Regulation violated: SR - 686
Area of violation: State Statute or Regulation
Date violation determined: 02/08/1996
Date achieved compliance: 05/14/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/26/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 340(1)(k)
Area of violation: State Statute or Regulation
Date violation determined: 02/08/1996
Date achieved compliance: 05/14/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/26/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 314(1)(a)
Area of violation: Generators - Manifest
Date violation determined: 02/08/1996
Date achieved compliance: 05/14/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/26/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 351(9)
Area of violation: State Statute or Regulation
Date violation determined: 02/08/1996
Date achieved compliance: 05/14/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/26/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALVOLINE INSTANT OIL CHANGE (Continued)

1000356454

Evaluation Action Summary:

Evaluation date: 05/14/1996
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/08/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 05/14/1996
Evaluation lead agency: State

Evaluation date: 02/08/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 05/14/1996
Evaluation lead agency: State

Evaluation date: 01/25/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110003489289

Environmental Interest/Information System

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

MA-EPICS - Massachusetts Environmental Protection Integrated Computer System

SHWS:

Release Tracking Number/Current Status: 3-0020512 / RAO
Release Town: NORTH READING
Notification Date: 03/23/2001
Category: TWO HR
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 03/30/2006
Phase: PHASE IV
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: OILWASTE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALVOLINE INSTANT OIL CHANGE (Continued)

1000356454

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

Chemicals:

Chemical: C11 THRU C22 AROMATIC HYDROCARBONS
Quantity: 970 milligrams per kilogram
Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity: 4000 milligrams per kilogram
Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity: 24000 micrograms per liter
Chemical: OIL
Quantity: Not reported

Actions:

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/25/2002
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: 10/25/2002
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: 11/12/2002
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: 2/28/2003
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: 2/28/2003
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: 2/28/2003
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: 2/28/2003
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

VALVOLINE INSTANT OIL CHANGE (Continued)

1000356454

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	3/23/2001
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:	3/23/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	3/30/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	3/30/2006
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:	3/30/2006
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:	3/30/2011
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:	4/14/2003
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:	4/6/2001
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:	5/22/2001
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:	5/22/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALVOLINE INSTANT OIL CHANGE (Continued)

1000356454

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: 6/20/2002

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO

Action Status: Inspection and Monitoring Report Received

Action Date: 6/3/2010

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: 7/7/2010

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Action Status: Status or Interim Report Received

Action Date: 8/23/2001

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status: 3-0030894 / RAO

Release Town: NORTH READING

Notification Date: 06/22/2012

Category: TWO HR

Associated ID: Not reported

Current Status: Response Action Outcome

Status Date: 08/21/2012

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 Or Haz Material: Oil

Location Type: COMMERCIAL

Location Type: PRIVPROP

Source: VEHICLE

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

Chemicals:

Chemical: WASTE OIL

Quantity: 15 gallons

Chemical: OIL

Quantity: 15 gallons

Actions:

Action Type: Immediate Response Action

Action Status: Oral Approval of Plan or Action

Action Date: 6/22/2012

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALVOLINE INSTANT OIL CHANGE (Continued)

1000356454

to background or a threat of release has been eliminated.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 6/22/2012
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: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/16/2012
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: 8/21/2012
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: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 8/21/2012
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: 8/21/2012
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: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 8/21/2012
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: 3-0020512 / RAO
Primary ID: Not reported
Official City: NORTH READING
Notification: 03/23/2001
Category: TWO HR
Status Date: 03/30/2006
Phase: PHASE IV
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:

Release Tracking Number/Current Status: 3-0030894 / RAO
Primary ID: Not reported
Official City: NORTH READING

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALVOLINE INSTANT OIL CHANGE (Continued)

1000356454

Notification: 06/22/2012
Category: TWO HR
Status Date: 08/21/2012
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:](#)

HW GEN:
EPA Id: MAC300095312
RCRA Generator Status: Not reported
State Generator Status: SQG-MA

EPA Id: MAD985276567
RCRA Generator Status: VSQG
State Generator Status: LQG-MA

23
ENE
1/2-1
0.540 mi.
2852 ft.

HESS STATION 21223
231 MAIN ST
NORTH READING, MA 01864

SHWS S101023816
LUST N/A
RELEASE
SPILLS

Relative:
Lower

SHWS:
Release Tracking Number/Current Status: 3-0024466 / RAO
Release Town: NORTH READING
Notification Date: 12/06/2004
Category: TWO HR
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 10/28/2013
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: COMMERCIAL
Source: PIPE
Source: UST

Actual:
98 ft.

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

Chemicals:
Chemical: GASOLINE
Quantity: 450 gallons
Chemical: GASOLINE
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: 1/10/2005
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

HESS STATION 21223 (Continued)

S101023816

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 10/12/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Completion Statement Received
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: RAO Statement Received
Action Date: 10/28/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRFIN
Action Date: 10/28/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 10/29/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 10/29/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 12/1/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 12/1/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/10/2004
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: 12/11/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HESS STATION 21223 (Continued)

S101023816

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 12/11/2007
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: 12/13/2005
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: 12/13/2005
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: 12/13/2005
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: 12/13/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 12/17/2008
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: 12/29/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 12/3/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 12/3/2012
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

HESS STATION 21223 (Continued)

S101023816

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/6/2004
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: 12/6/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/6/2004
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: ALSENT
Action Date: 12/6/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINI
Action Date: 12/7/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Submittal Received
Action Date: 12/7/2009
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: 2/4/2005
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: 2/8/2005
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: 4/4/2014
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 5/12/2010

MAP FINDINGS

HESS STATION 21223 (Continued)

S101023816

Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	5/12/2010
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	5/13/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	5/13/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 2
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	5/6/2008
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	RMRINI
Action Date:	6/1/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 4
Action Status:	Completion Statement Received
Action Date:	6/1/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	6/1/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Work Started
Action Date:	6/1/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	6/2/2012
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

HESS STATION 21223 (Continued)

S101023816

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 6/2/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 6/24/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 6/3/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 6/3/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status: 3-0002881 / RAO
Release Town: NORTH READING
Notification Date: 01/15/1990
Category: NONE
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 06/10/1999
Phase: PHASE IV
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: SEPTICTANK
Source: UST

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

Chemicals:
Chemical: PETROLEUM
Quantity: Not reported

Actions:
Action Type: TREGS
Action Status: WAVACC
Action Date: 1/11/1993
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: 1/15/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HESS STATION 21223 (Continued)

S101023816

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVSIG
Action Date: 10/26/1993

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVACC
Action Date: 11/1/1993

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: 11/1/1993

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: 11/6/1998

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: 11/6/1998

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Revised Statement or Transmittal Received
Action Date: 12/16/2002

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: 12/16/2002

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: 2/12/2002

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: 2/16/2001

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

HESS STATION 21223 (Continued)

S101023816

Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	2/7/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	TREGS
Action Status:	WAVREC
Action Date:	3/23/1993
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:	3/25/1999
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:	6/10/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	6/10/1999
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:	6/10/1999
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:	6/10/1999
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:	6/11/1990
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:	8/13/2001
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:	8/4/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HESS STATION 21223 (Continued)

S101023816

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: 9/14/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

LUST:

Facility:

Release Tracking Number/Current Status: 3-0002881 / RAO
Status Date: 06/10/1999
Source Type: UST
Release Town: NORTH READING
Notification Date: 01/15/1990
Category: NONE
Associated ID: Not reported
Phase: PHASE IV
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: SEPTICTANK
Source: UST

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

Chemicals:

Chemical: PETROLEUM
Quantity: Not reported

Actions:

Action Type: TREGS
Action Status: WAVACC
Action Date: 1/11/1993
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: 1/15/1990
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVSIG
Action Date: 10/26/1993
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HESS STATION 21223 (Continued)

S101023816

Action Status: WAVACC
Action Date: 11/1/1993
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: 11/1/1993
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: 11/6/1998
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: 11/6/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Revised Statement or Transmittal Received
Action Date: 12/16/2002
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: 12/16/2002
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: 2/12/2002
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: 2/16/2001
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: 2/7/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVREC
Action Date: 3/23/1993
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

HESS STATION 21223 (Continued)

S101023816

reduced to background.

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 3/25/1999
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: 6/10/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 6/10/1999
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: 6/10/1999
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: 6/10/1999
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: 6/11/1990
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: 8/13/2001
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: 8/4/2000
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: 9/14/1999
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

HESS STATION 21223 (Continued)

S101023816

Facility:

Release Tracking Number/Current Status: 3-0024466 / RAO
Status Date: 10/28/2013
Source Type: UST
Release Town: NORTH READING
Notification Date: 12/06/2004
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: COMMERCIAL
Source: PIPE
Source: UST

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

Chemicals:

Chemical: GASOLINE
Quantity: 450 gallons
Chemical: GASOLINE
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: 1/10/2005
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: 10/12/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Completion Statement Received
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: RAO Statement Received
Action Date: 10/28/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRFIN
Action Date: 10/28/2013
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

HESS STATION 21223 (Continued)

S101023816

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 10/29/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 10/29/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 12/1/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 12/1/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/10/2004
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: 12/11/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 12/11/2007
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: 12/13/2005
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: 12/13/2005
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: 12/13/2005

MAP FINDINGS

HESS STATION 21223 (Continued)

S101023816

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:	12/13/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	12/17/2008
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:	12/29/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	12/3/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	12/3/2012
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:	12/6/2004
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:	12/6/2004
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	12/6/2004
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:	ALSENT
Action Date:	12/6/2005
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

HESS STATION 21223 (Continued)

S101023816

Action Type: Phase 5
Action Status: RMRINI
Action Date: 12/7/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Submittal Received
Action Date: 12/7/2009
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: 2/4/2005
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: 2/8/2005
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: 4/4/2014
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 5/12/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 5/12/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 5/13/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 5/13/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 5/6/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HESS STATION 21223 (Continued)

S101023816

Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	RMRINI
Action Date:	6/1/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 4
Action Status:	Completion Statement Received
Action Date:	6/1/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	6/1/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Work Started
Action Date:	6/1/2009
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	6/2/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/2/2012
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	6/24/2005
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	6/3/2013
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	6/3/2013
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

HESS STATION 21223 (Continued)

S101023816

Facility:

Release Tracking Number/Current Status: 3-0029074 / RAO
Status Date: 04/20/2010
Source Type: UST
Release Town: NORTH READING
Notification Date: 02/18/2010
Category: 72 HR
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

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

Chemicals:

Chemical: GASOLINE
Quantity: 10 gallons
Chemical: GASOLINE
Quantity: .05 gallons per hour

Actions:

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 2/18/2010
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: 2/18/2010
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: 3/23/2010
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: 4/20/2010
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: 4/20/2010
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

HESS STATION 21223 (Continued)

S101023816

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 4/20/2010
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: 5/25/2010
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: 3-0002881 / RAO
Primary ID: Not reported
Official City: NORTH READING
Notification: 01/15/1990
Category: NONE
Status Date: 06/10/1999
Phase: PHASE IV
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:](#)

Release Tracking Number/Current Status: 3-0024466 / RAO
Primary ID: Not reported
Official City: NORTH READING
Notification: 12/06/2004
Category: TWO HR
Status Date: 10/28/2013
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:](#)

Release Tracking Number/Current Status: 3-0029074 / RAO
Primary ID: Not reported
Official City: NORTH READING
Notification: 02/18/2010
Category: 72 HR
Status Date: 04/20/2010
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:](#)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HESS STATION 21223 (Continued)

S101023816

MA Spills:

Facility ID:	3-2881	Spill ID:	N89-1230
Staff Lead:	GORRASI, M	Date Entered:	19890829
Last Entered:	19940202	First Response:	19890818
Spill Date:	19890818	Spill Time:	Not reported
Report Date:	19890818	Report Time:	Not reported
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	GASOLINE	Other Material:	Not reported
Qty Reported:	UNKNOWN	Qty Actual:	UNKNOWN
Qty Reported:	-----	Qty Actual:	-----
CAS No:	Not reported	PCB Lev (ppm):	NONE
Source:	U.S.T.	Other Source:	Not reported
Incident:	LEAK	Other Incdnt:	Not reported
Cleanup Type:	---	Contractor:	NOT USED
Referral:	SA	LUST Elig:	YES
Report Prep:	Not reported	Category:	Not reported
Notifier:	LOCAL FD		
Notif Tel:	Not reported		
Days/Close:	0		

C24
NE
1/2-1
0.550 mi.
2906 ft.

7-ELEVEN #30238
237 MAIN ST
NORTH READING, MA 01864
Site 1 of 2 in cluster C

SHWS **U002007237**
UST **N/A**
RELEASE
Financial Assurance
HW GEN

Relative:
Higher

SHWS:

Actual:
102 ft.

Release Tracking Number/Current Status: 3-0003925 / RAO
Release Town: NORTH READING
Notification Date: 04/15/1992
Category: NONE
Associated ID: Not reported
Current Status: **Response Action Outcome**
Status Date: 02/17/2010
Phase: PHASE V
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Not reported
Location Type: COMMERCIAL
Location Type: GASSTATION
Source: UNKNOWN

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: UNKNOWN
Quantity: Not reported

Actions:

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 1/14/2004
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

7-ELEVEN #30238 (Continued)

U002007237

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 1/17/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVACC
Action Date: 1/17/1994
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: 1/17/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 11/13/1998
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: 11/27/2002
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: 11/4/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Written Plan Received
Action Date: 11/7/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 11/7/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVSIG
Action Date: 12/14/1993
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: 12/20/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN #30238 (Continued)

U002007237

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Status: Modified Revised or Updated Plan Received
Action Date: 12/20/2001

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 12/27/2001
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: 12/27/2001
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: 12/4/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Level II - Audit Inspection
Action Date: 2/11/2005
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: 2/17/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 2/7/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 3/14/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 3/14/2008
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

7-ELEVEN #30238 (Continued)

U002007237

Action Type: Phase 5
Action Status: Level II - Audit Inspection
Action Date: 3/21/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 3/21/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 3/5/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 3/5/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 3/8/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 3/8/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 3/8/2007
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: 4/12/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Submittal Received
Action Date: 4/13/2005
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: 4/15/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN #30238 (Continued)

U002007237

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:	4/17/2007
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Response Action Outcome - RAO
Action Status:	Level I - Technical Screen Audit
Action Date:	5/10/2011
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	7/12/2002
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:	7/25/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	TREGS
Action Status:	WAVREC
Action Date:	7/30/1993
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:	7/5/2001
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:	7/9/2001
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	9/12/2006
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	9/12/2006
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

7-ELEVEN #30238 (Continued)

U002007237

Action Type: Phase 5
Action Status: Remedy Operation Status Submittal Received
Action Date: 9/13/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: Completion Statement Received
Action Date: 9/13/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 9/14/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 9/14/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 9/18/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 9/18/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 9/2/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 9/2/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 9/21/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

UST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN #30238 (Continued)

U002007237

Facility:

Facility ID: 10741
Owner Id: 7911
Owner: 7-ELEVEN INC
Owner Address: PO BOX 711
Owner City,St,Zip: DALLAS, TX 75221
Telephone: (716) 830-9807
Description: Gas Station
Fire Dept. ID: 17213
Date of Inspection: 03/11/2014

Tank ID: 1
Serial Number: Not reported
Tank Status: Removed
Status Date: 03/10/2003
Date Installed: 10/01/1977
Capacity: 8000
Contents: Gasoline
Tank Type: 1 Wall
Tank Usage: MV
Tank Material: Reinforced
Tank Leak Detection: SIR
Pipe Material: Cathodic
Pipe Container: 1 Wall
Pipe Leak Detection: Product Line Leak Detector
Above Ground: No

Tank ID: 2
Serial Number: Not reported
Tank Status: Removed
Status Date: 03/10/2003
Date Installed: 10/01/1977
Capacity: 8000
Contents: Gasoline
Tank Type: 1 Wall
Tank Usage: MV
Tank Material: Reinforced
Tank Leak Detection: SIR
Pipe Material: Cathodic
Pipe Container: 1 Wall
Pipe Leak Detection: Product Line Leak Detector
Above Ground: No

Tank ID: 3
Serial Number: Not reported
Tank Status: Removed
Status Date: 03/10/2003
Date Installed: 10/01/1977
Capacity: 8000
Contents: Gasoline
Tank Type: 1 Wall
Tank Usage: MV
Tank Material: Reinforced
Tank Leak Detection: SIR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN #30238 (Continued)

U002007237

Pipe Material: Cathodic
Pipe Container: 1 Wall
Pipe Leak Detection: Product Line Leak Detector
Above Ground: No

Tank ID: 4
Serial Number: A-20353
Tank Status: In Use
Status Date: Not reported
Date Installed: 03/01/2003
Capacity: 12000
Contents: Gasoline
Tank Type: Triple Wall
Tank Usage: MV
Tank Material: Reinforced
Tank Leak Detection: Interstitial Monitoring
Pipe Material: Flexible
Pipe Container: 2 Walls
Pipe Leak Detection: Interstitial Space Monitor
Above Ground: No

Tank ID: 5
Serial Number: A-20347
Tank Status: In Use
Status Date: Not reported
Date Installed: 03/01/2003
Capacity: 12000
Contents: Gasoline
Tank Type: Triple Wall
Tank Usage: MV
Tank Material: Reinforced
Tank Leak Detection: Interstitial Monitoring
Pipe Material: Flexible
Pipe Container: 2 Walls
Pipe Leak Detection: Interstitial Space Monitor
Above Ground: No

Release:

Release Tracking Number/Current Status: 3-0003925 / RAO
Primary ID: Not reported
Official City: NORTH READING
Notification: 04/15/1992
Category: NONE
Status Date: 02/17/2010
Phase: PHASE V
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Not reported

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

MA Financial Assurance 2:

Facility Id: 10741

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-ELEVEN #30238 (Continued)

U002007237

Description: Gas Station
Work Phone: (757) 361-6739

HW GEN:
EPA Id: MAD985288430
RCRA Generator Status: SQG
State Generator Status: Not reported

C25
NE
1/2-1
0.555 mi.
2932 ft.

CITGO STATION
NORTH ST MAIN ST
NORTH READING, MA 01864

SHWS S105810585
LUST N/A
RELEASE

Site 2 of 2 in cluster C

Relative:
Higher

SHWS:

Release Tracking Number/Current Status: 3-0012061 / RAO
Release Town: NORTH READING
Notification Date: 01/16/1995
Category: TWO HR
Associated ID: Not reported

Actual:
102 ft.

Current Status: **Response Action Outcome**
Status Date: 03/27/1995
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 Or Haz Material: Oil
Location Type: COMMERCIAL
Source: OVERFILL
Source: UST

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

Chemicals:

Chemical: GASOLINE
Quantity: 30 gallons

Actions:

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 1/16/1995
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: 1/16/1995
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: 1/16/1995
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: 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

CITGO STATION (Continued)

S105810585

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 1/30/1995
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: RAO Statement Received
Action Date: 3/27/1995
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: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 3/27/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

LUST:

Facility:

Release Tracking Number/Current Status: 3-0012061 / RAO
Status Date: 03/27/1995
Source Type: UST
Release Town: NORTH READING
Notification Date: 01/16/1995
Category: TWO HR
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: OVERFILL
Source: UST

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

Chemicals:

Chemical: GASOLINE
Quantity: 30 gallons

Actions:

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 1/16/1995
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: 1/16/1995
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

CITGO STATION (Continued)

S105810585

Action Type: RLFA
 Action Status: FOLOFF
 Action Date: 1/16/1995
 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: A Notice sent to a Potentially Responsible Party (PRP)
 Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
 Action Date: 1/30/1995
 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: RAO Statement Received
 Action Date: 3/27/1995
 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: RNF
 Action Status: Reportable Release under MGL 21E
 Action Date: 3/27/1995
 Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 3-0012061 / RAO
 Primary ID: Not reported
 Official City: NORTH READING
 Notification: 01/16/1995
 Category: TWO HR
 Status Date: 03/27/1995
 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:

26
 NE
 1/2-1
 0.596 mi.
 3148 ft.

HONDA BARN
260 MAIN ST
NORTH READING, MA 01864

RCRA-CESQG 1000184360
FINDS MAD981207962
SHWS
UST
RELEASE
Financial Assurance
HW GEN

Relative:
Lower

RCRA-CESQG:

Actual:
91 ft.

Date form received by agency: 07/28/2010
 Facility name: NORTH READING SUBARU
 Facility address: 260 MAIN ST
 NORTH READING, MA 01864
 EPA ID: MAD981207962
 Contact: DAVID VERNET
 Contact address: 260 MAIN ST
 NORTH READING, MA 018640000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONDA BARN (Continued)

1000184360

Contact country: US
Contact telephone: (978) 396-6090
Contact email: DVERNET@NORTHREADINGSUBARU.COM
EPA Region: 01
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: MELKONIAN SUBARU DBA NORTH READING SUBAR
Owner/operator address: 260 MAIN ST
NORTH READING, MA 01864
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/07/2009
Owner/Op end date: Not reported

Owner/operator name: MELKONIAN SUBARU DBA NORTH READING SUBAR
Owner/operator address: 260 MAIN ST
NORTH READING, MA 01864
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/07/2009
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONDA BARN (Continued)

1000184360

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 06/16/1986
Site name: NORTH READING SUBARU
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: MA01
Waste name: WASTE OIL

Facility Has Received Notices of Violations:

Regulation violated: SR - 340(1)(f)
Area of violation: State Statute or Regulation
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 205(7)
Area of violation: Listing - General
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONDA BARN (Continued)

1000184360

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 302
Area of violation: Generators - General
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 340(1)(b)
Area of violation: Generators - General
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 340(1)(k)
Area of violation: State Statute or Regulation
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 351(9)(c)6.a.-d.
Area of violation: State Statute or Regulation
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONDA BARN (Continued)

1000184360

Paid penalty amount: Not reported

Regulation violated: SR - 685(1)
Area of violation: State Statute or Regulation
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 685(4)
Area of violation: State Statute or Regulation
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 205(12)
Area of violation: Listing - General
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 253(5)(a)
Area of violation: State Statute or Regulation
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONDA BARN (Continued)

1000184360

Regulation violated: SR - 686
Area of violation: State Statute or Regulation
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 340(2)
Area of violation: State Statute or Regulation
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 331(1)
Area of violation: Generators - Manifest
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 206(1)
Area of violation: Listing - General
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 682

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONDA BARN (Continued)

1000184360

Area of violation: State Statute or Regulation
Date violation determined: 02/17/2000
Date achieved compliance: 06/21/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 224
Area of violation: Listing - General
Date violation determined: 02/15/1996
Date achieved compliance: 10/02/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/21/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 07/29/2010
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/21/2000
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/17/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/21/2000
Evaluation lead agency: State

Evaluation date: 02/17/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 06/21/2000
Evaluation lead agency: State

Evaluation date: 02/17/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Listing - General
Date achieved compliance: 06/21/2000
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONDA BARN (Continued)

1000184360

Evaluation date: 02/17/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 06/21/2000
Evaluation lead agency: State

Evaluation date: 10/02/1996
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/15/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Listing - General
Date achieved compliance: 10/02/1996
Evaluation lead agency: State

FINDS:

Registry ID: 110003465562

Environmental Interest/Information System

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

SHWS:

Release Tracking Number/Current Status: 3-0014465 / RAO
Release Town: NORTH READING
Notification Date: 11/04/1996
Category: TWO HR
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 12/28/2001
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 and Hazardous Material
Location Type: WATERBODY
Location Type: RESIDENTIAL
Source: UNKNOWN

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

Chemicals:

Chemical: TPH
Quantity: 186000 milligrams per kilogram
Chemical: OIL
Quantity: Not reported
Chemical: TETRACHLOROETHENE
Quantity: 29 micrograms per liter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONDA BARN (Continued)

1000184360

Chemical:	TPH
Quantity:	2568 milligrams per kilogram
Actions:	
Action Type:	Immediate Response Action
Action Status:	Written Approval of Plan
Action Date:	1/27/1997
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:	10/5/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	11/15/1999
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:	11/15/1999
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:	11/17/1997
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:	11/17/1997
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:	11/17/1997
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:	11/27/1996
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:	FLDISS
Action Date:	11/4/1996
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

HONDA BARN (Continued)

1000184360

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/4/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 11/4/1996
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: 12/12/1996
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: 12/12/1996
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Completion Statement Received
Action Date: 12/28/2001
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: 12/28/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: Completion Statement Received
Action Date: 12/28/2001
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: 12/28/2001
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: 3/26/1998
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: 3/26/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONDA BARN (Continued)

1000184360

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: 3/29/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

UST:

Facility:

Facility ID: 10739
Owner Id: 5814
Owner: ROGER GROUX
Owner Address: 191 MORGAN ST
Owner City,St,Zip: MANCHESTER, NH 03102
Telephone: (617) 664-3118
Description: Vehicle Dealer
Fire Dept. ID: 17213
Date of Inspection: Not reported

Tank ID: 1
Serial Number: Not reported
Tank Status: Removed
Status Date: 12/01/1990
Date Installed: 05/06/1973
Capacity: 500
Contents: Waste Oil
Tank Type: Not reported
Tank Usage: Not reported
Tank Material: Steel
Tank Leak Detection: Not reported
Pipe Material: Not reported
Pipe Container: Not reported
Pipe Leak Detection: Not reported
Above Ground: No

Tank ID: 2
Serial Number: Not reported
Tank Status: Removed
Status Date: 12/01/1990
Date Installed: 05/06/1973
Capacity: 500
Contents: Gasoline
Tank Type: Not reported
Tank Usage: Not reported
Tank Material: Steel
Tank Leak Detection: Not reported
Pipe Material: Not reported
Pipe Container: Not reported
Pipe Leak Detection: Not reported
Above Ground: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HONDA BARN (Continued)

1000184360

Tank ID: 3
Serial Number: Not reported
Tank Status: Removed
Status Date: 12/01/1990
Date Installed: 05/06/1980
Capacity: 2000
Contents: Other
Tank Type: Not reported
Tank Usage: Not reported
Tank Material: Steel
Tank Leak Detection: Not reported
Pipe Material: Not reported
Pipe Container: Not reported
Pipe Leak Detection: Not reported
Above Ground: No

Release:

Release Tracking Number/Current Status: 3-0014465 / RAO
Primary ID: Not reported
Official City: NORTH READING
Notification: 11/04/1996
Category: TWO HR
Status Date: 12/28/2001
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 and Hazardous Material

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

MA Financial Assurance 2:

Facility Id: 10739
Description: Vehicle Dealer
Work Phone: (617) 664-3118

HW GEN:

EPA Id: MAD981207962
RCRA Generator Status: VSQG
State Generator Status: SQG-MA

27
East
1/2-1
0.689 mi.
3636 ft.

COMMERCIAL PROPERTY
4 LOWELL RD
NORTH READING, MA 01864

SHWS S100537096
RELEASE N/A

Relative:
Lower

SHWS:

Release Tracking Number/Current Status: 3-0004466 / RAO
Release Town: NORTH READING
Notification Date: 07/15/1993
Category: NONE
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 01/23/2009
Phase: Not reported

Actual:
75 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL PROPERTY (Continued)

S100537096

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil
Location Type: FORMER
Location Type: GASSTATION
Source: OFFSITE

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

Chemicals:

Chemical: VOCS
Quantity: Not reported

Actions:

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/23/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Downgradient Property Status
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/16/1998
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: 10/19/2009
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: 10/27/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 10/27/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 10/31/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: As-Built Construction Report Received
Action Date: 3/11/2003
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

COMMERCIAL PROPERTY (Continued)

S100537096

Action Type: Phase 4
Action Status: Completion Statement Received
Action Date: 3/11/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 6/15/2000
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: 7/15/1993
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 8/18/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0004466 / RAO
Primary ID: Not reported
Official City: NORTH READING
Notification: 07/15/1993
Category: NONE
Status Date: 01/23/2009
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:](#)

28
ESE
1/2-1
0.746 mi.
3938 ft.

SUN COMPANY INC
142 MAIN ST
NORTH READING, MA 01864

SHWS S100829362
RELEASE N/A
HW GEN

Relative:
Lower

SHWS:

Release Tracking Number/Current Status: 3-0004468 / RAO
Release Town: NORTH READING
Notification Date: 10/01/1993
Category: NONE
Associated ID: 3-0004468
Current Status: **Response Action Outcome**
Status Date: 05/12/2010
Phase: PHASE V
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Actual:
76 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN COMPANY INC (Continued)

S100829362

Oil Or Haz Material: Not reported
Location Type: GASSTATION

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

Chemicals:
Chemical: UNKNOWN
Quantity: Not reported

Actions:
Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 1/15/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 10/24/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Partial RAO for this RTN
Action Status: Level I - Technical Screen Audit
Action Date: 10/24/2006
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: 10/27/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 10/27/2003
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: 10/29/1998
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: 10/31/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Inspection and Monitoring Report Received
Action Date: 10/5/2004
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

SUN COMPANY INC (Continued)

S100829362

reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Submittal Received
Action Date: 10/5/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Submittal Received
Action Date: 11/10/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: Completion Statement Received
Action Date: 11/10/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINI
Action Date: 11/10/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Work Started
Action Date: 11/10/2008
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: 11/17/1994
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: 11/20/1998
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: 11/28/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 11/30/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN COMPANY INC (Continued)

S100829362

Action Status: RMRINT
Action Date: 11/30/2009
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: 11/5/2001
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: 11/5/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVSIG
Action Date: 12/14/1993
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVACC
Action Date: 12/29/1993
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: 12/29/1993
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: 12/29/1998
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: 12/5/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Action Status or AUL Terminated
Action Date: 2/23/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: As-Built Construction Report Received
Action Date: 3/11/2003
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

SUN COMPANY INC (Continued)

S100829362

reduced to background.

Action Type: Phase 4
Action Status: Completion Statement Received
Action Date: 3/11/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Inspection and Monitoring Report Received
Action Date: 3/18/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 4/1/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Level II - Audit Inspection
Action Date: 4/1/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Status or Interim Report Received
Action Date: 4/1/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 4/3/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDRUN
Action Date: 4/30/1997
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: 5/12/2010
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: 5/13/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN COMPANY INC (Continued)

S100829362

Action Status: Revised Statement or Transmittal Received
Action Date: 5/15/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: RMRINT
Action Date: 5/8/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 5/8/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 6/15/2000
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: 7/28/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: TREGS
Action Status: WAVREC
Action Date: 7/30/1993
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: 7/30/1993
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: 7/7/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 8/18/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Partial RAO for this RTN
Action Status: RAO Statement Received
Action Date: 8/30/2006
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

SUN COMPANY INC (Continued)

S100829362

reduced to background.

Action Type: Phase 5
Action Status: Inspection and Monitoring Report Received
Action Date: 9/10/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4
Action Status: Written Plan Received
Action Date: 9/4/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status: 3-0010637 / RAONR
Release Town: NORTH READING
Notification Date: 03/01/1994
Category: 72 HR
Associated ID: 3-0004468
Current Status: Response Action Outcome Not Required
Status Date: 12/29/1998
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Oil
Location Type: COMMERCIAL
Source: FUELTANK

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

Chemicals:
Chemical: UNKNOWN CHEMICAL OF TYPE - OIL
Quantity: Not reported
Chemical: GASOLINE
Quantity: Not reported

Actions:
Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 10/27/1999
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 10/27/2003
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 10/29/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 10/31/2000
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUN COMPANY INC (Continued)

S100829362

Action Type: Tier Classification
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal
Action Date: 11/17/1994
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FOLOFF
Action Date: 11/17/1994
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 11/17/1994
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 11/5/2001
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 11/5/2002
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/29/1993
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 12/29/1998
Response Action Outcome: Not reported

Action Type: RAO Not Required
Action Status: Linked to a Tier Classified Site
Action Date: 12/29/1998
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 12/5/2007
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 3/1/1994
Response Action Outcome: Not reported

Action Type: Immediate Response Action
Action Status: IRA Assessment Only
Action Date: 3/1/1994
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

SUN COMPANY INC (Continued)

S100829362

Action Date: 3/10/1994
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 5/2/1994
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0004468 / RAO
Primary ID: 3-0004468
Official City: NORTH READING
Notification: 10/01/1993
Category: NONE
Status Date: 05/12/2010
Phase: PHASE V
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Not reported

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

Release Tracking Number/Current Status: 3-0010637 / RAONR
Primary ID: 3-0004468
Official City: NORTH READING
Notification: 03/01/1994
Category: 72 HR
Status Date: 12/29/1998
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Oil

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

HW GEN:
EPA Id: MAD000637660
RCRA Generator Status: VSQG
State Generator Status: Not reported

29
SSW
1/2-1
0.747 mi.
3945 ft.

NO LOCATION AID
67-69 PARK ST
WILMINGTON, MA 01887

SHWS S108117481
RELEASE N/A

Relative:
Lower

SHWS:
Release Tracking Number/Current Status: 3-0026054 / RAO
Release Town: WILMINGTON
Notification Date: 05/25/2006
Category: TWO HR
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 10/31/2006
Phase: Not reported

Actual:
77 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S108117481

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: ROADWAY
Location Type: RESIDENTIAL
Source: DRUMS

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

Chemicals:

Chemical: WASTE OIL
Quantity: 275 gallons
Chemical: GASOLINE
Quantity: Not reported
Chemical: LUBRICATING OIL
Quantity: Not reported

Actions:

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 10/16/2006
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: 10/19/2006
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: 10/19/2006
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: 10/31/2006
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: 5/25/2006
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: 8/16/2006
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S108117481

Action Date: 8/16/2006
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: 8/22/2006
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: 8/23/2006
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: 8/9/2006
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: 8/9/2006
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: 9/19/2006
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: 9/5/2006
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: 3-0026054 / RAO
Primary ID: Not reported
Official City: WILMINGTON
Notification: 05/25/2006
Category: TWO HR
Status Date: 10/31/2006
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:](#)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

30
ESE
1/2-1
0.774 mi.
4086 ft.

PROPERTY
137 MAIN ST
FALMOUTH, MA 02351

SHWS S101032329
RELEASE N/A
SPILLS

Relative:
Lower

SHWS:

Release Tracking Number/Current Status: 4-0019339 / RAO
Release Town: FALMOUTH
Notification Date: 09/20/2005
Category: 120 DY
Associated ID: Not reported
Current Status: **Response Action Outcome**
Status Date: 12/02/2005
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Hazardous Material

Actual:
83 ft.

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

Chemicals:

Chemical: LEAD
Quantity: 41 parts per billion
Chemical: LEAD
Quantity: 417 parts per million

Actions:

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 10/18/2005
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: 10/18/2005
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 Not Required - Fee Refunded-FMCRA Use Only
Action Date: 12/15/2005
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: 12/2/2005
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: 12/8/2005
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

PROPERTY (Continued)

S101032329

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 3/7/2007
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: 9/20/2005
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: 9/20/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 4-0019339 / RAO
Primary ID: Not reported
Official City: FALMOUTH
Notification: 09/20/2005
Category: 120 DY
Status Date: 12/02/2005
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Hazardous Material

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

MA Spills:

Facility ID:	0000	Spill ID:	S93-0328
Staff Lead:	PACKARD, R	Date Entered:	Not reported
Last Entered:	19930525	First Response:	19930517
Spill Date:	Not reported	Spill Time:	Not reported
Report Date:	19930222	Report Time:	Not reported
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	#2 FUEL OIL	Other Material:	Not reported
Qty Reported:	-----	Qty Actual:	11-50
Qty Reported:	CUBIC YDS	Qty Actual:	CUBIC YDS
CAS No:	Not reported	PCB Lev (ppm):	NONE
Source:	ABOVE-GRND TANK	Other Source:	Not reported
Incident:	LEAK	Other Incdnt:	Not reported
Cleanup Type:	---	Contractor:	NOT USED
Referral:	NO	LUST Elig:	NO
Report Prep:	Not reported	Category:	Not reported
Notifier:	GIL JOLY/MASON ASSOC		
Notif Tel:	Not reported		
Days/Close:	0		

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PROPERTY (Continued)

S101032329

Facility ID:	0000	Spill ID:	N82-5036
Staff Lead:	CASHINS	Date Entered:	Not reported
Last Entered:	Not reported	First Response:	Not reported
Spill Date:	19820203	Spill Time:	Not reported
Report Date:	Not reported	Report Time:	Not reported
Case Closed:	YES	Mat Type:	Not reported
Virgin Waste:	Not reported	Contam Soil:	Not reported
Env Impact:	Not reported	Other Impact:	Not reported
Material:	GASOLINE	Other Material:	Not reported
Qty Reported:	10 GAL	Qty Actual:	Not reported
Qty Reported:	Not reported	Qty Actual:	Not reported
CAS No:	Not reported	PCB Lev (ppm):	Not reported
Source:	Not reported	Other Source:	Not reported
Incident:	Not reported	Other Incdnt:	Not reported
Cleanup Type:	Not reported	Contractor:	Not reported
Referral:	Not reported	LUST Elig:	Not reported
Report Prep:	Not reported	Category:	Not reported
Notifier:	Not reported		
Notif Tel:	Not reported		
Days/Close:	1		

Facility ID:	0000	Spill ID:	S91-0751
Staff Lead:	BRENNAN, S	Date Entered:	19930920
Last Entered:	19930920	First Response:	19911126
Spill Date:	19911126	Spill Time:	Not reported
Report Date:	19911126	Report Time:	08:35AM
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	#2 FUEL OIL	Other Material:	Not reported
Qty Reported:	UNKNOWN	Qty Actual:	UNKNOWN
Qty Reported:	-----	Qty Actual:	-----
CAS No:	Not reported	PCB Lev (ppm):	NONE
Source:	A.S.T.	Other Source:	Not reported
Incident:	OTHER RELEASE >	Other Incdnt:	STAINING
Cleanup Type:	---	Contractor:	NOT USED
Referral:	NO	LUST Elig:	NO
Report Prep:	Not reported	Category:	Not reported
Notifier:	B MOSCATIELLO/MASON ASSOC		
Notif Tel:	Not reported		
Days/Close:	0		

31
 ENE
 1/2-1
 0.783 mi.
 4136 ft.

**ABOVE GROUND OIL TANK UNDER ENCL PORCH
 12 POMEROY RD
 NORTH READING, MA 01864**

**SHWS S104774227
 LAST N/A
 RELEASE**

**Relative:
 Higher**

SHWS:

Release Tracking Number/Current Status:	3-0019868 / RAO
Release Town:	NORTH READING
Notification Date:	08/09/2000
Category:	TWO HR
Associated ID:	Not reported
Current Status:	Response Action Outcome
Status Date:	03/07/2001
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not

**Actual:
 129 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABOVE GROUND OIL TANK UNDER ENCL PORCH (Continued)

S104774227

Oil Or Haz Material: been reduced to background.
Location Type: Oil
Source: RESIDENTIAL
Source: AST
Source: PIPE

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

Chemicals:

Chemical: FUEL OIL #2
Quantity: 100 gallons

Actions:

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 2/14/2001
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: 3/14/2001
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: 3/7/2001
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: 3/7/2001
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: 3/7/2001
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: 4/27/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDD1A
Action Date: 8/25/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ABOVE GROUND OIL TANK UNDER ENCL PORCH (Continued)

S104774227

Action Status: Reportable Release under MGL 21E
Action Date: 8/29/2000
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: 8/9/2000
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: 8/9/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

LAST:

Release Tracking Number/Current Status: 3-0019868 / RAO
Source Type: AST
Release Town: NORTH READING
Notification Date: 08/09/2000
Category: TWO HR
Associated ID: Not reported
Status Date: 03/07/2001
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

Chemicals:

Chemical: FUEL OIL #2
Quantity: 100 gallons
Location Type: RESIDENTIAL
Source: AST
Source: PIPE

Actions:

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 2/14/2001
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: 3/14/2001
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: 3/7/2001
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

ABOVE GROUND OIL TANK UNDER ENCL PORCH (Continued)

S104774227

Action Status: Written Plan Received
Action Date: 3/7/2001
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: 3/7/2001
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: 4/27/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDD1A
Action Date: 8/25/2000
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: 8/29/2000
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: 8/9/2000
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: 8/9/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0019868 / RAO
Primary ID: Not reported
Official City: NORTH READING
Notification: 08/09/2000
Category: TWO HR
Status Date: 03/07/2001
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

32
WSW
1/2-1
0.787 mi.
4153 ft.

NO LOCATION AID
500 SALEM ST
WILMINGTON, MA 01887

SHWS **S102087104**
RELEASE **N/A**
HW GEN

Relative:
Lower

SHWS:

Release Tracking Number/Current Status: 3-0013037 / RAO
Release Town: WILMINGTON
Notification Date: 10/12/1995
Category: 120 DY
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 10/12/1995
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 Or Haz Material: Oil

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

Chemicals:

Chemical: TPH
Quantity: 1800 parts per million

Actions:

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 10/12/1995
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 Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/12/1995
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: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 10/12/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release Tracking Number/Current Status: 3-0031565 / RAO
Release Town: WILMINGTON
Notification Date: 06/04/2013
Category: TWO HR
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 07/26/2013
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: VEHICLE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S102087104

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

Chemicals:

Chemical: GASOLINE
Quantity: 33 gallons

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: 6/28/2013
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: 6/4/2013
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: FLDD1U
Action Date: 6/4/2013
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: 6/4/2013
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: FLDISS
Action Date: 6/4/2013
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: FLDRUN
Action Date: 6/5/2013
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: 7/10/2013
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: 7/10/2013
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

NO LOCATION AID (Continued)

S102087104

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/26/2013
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: 3-0013037 / RAO
Primary ID: Not reported
Official City: WILMINGTON
Notification: 10/12/1995
Category: 120 DY
Status Date: 10/12/1995
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:](#)

Release Tracking Number/Current Status: 3-0031565 / RAO
Primary ID: Not reported
Official City: WILMINGTON
Notification: 06/04/2013
Category: TWO HR
Status Date: 07/26/2013
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:](#)

HW GEN:

EPA Id: MAD985267160
RCRA Generator Status: SQG
State Generator Status: Not reported

EPA Id: MV9786573910
RCRA Generator Status: VSQG
State Generator Status: Not reported

33
ESE
1/2-1
0.848 mi.
4480 ft.

STOP & SHOP SUPERMARKET #68
97 MAIN ST
NORTH READING, MA 01864

SHWS U003800324
UST N/A
RELEASE
Financial Assurance
HW GEN

Relative:
Lower

SHWS:
Release Tracking Number/Current Status: 3-0016995 / RAO
Release Town: NORTH READING
Notification Date: 07/01/1998
Category: TWO HR
Associated ID: Not reported

Actual:
78 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STOP & SHOP SUPERMARKET #68 (Continued)

U003800324

Current Status:	Response Action Outcome
Status Date:	09/01/1998
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
Location Type:	RESIDENTIAL
Source:	TRASH
Source:	TRUCK

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical:	HYDRAULIC FLUID
Quantity:	10 gallons
Chemical:	HYDRAULIC OIL
Quantity:	10 gallons

Actions:

Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	7/1/1998
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:	8/10/1998
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:	9/1/1998
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:	9/1/1998
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

UST:

Facility:

Facility ID:	22082
Owner Id:	201
Owner:	THE STOP & SHOP SUPERMARKET CO
Owner Address:	1385 HANCOCK ST
Owner City,St,Zip:	QUINCY, MA 02169
Telephone:	(717) 240-1016
Description:	Gas Station
Fire Dept. ID:	17213

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STOP & SHOP SUPERMARKET #68 (Continued)

U003800324

Date of Inspection: 01/31/2013

Tank ID: 1
Serial Number: UL-M-558034
Tank Status: In Use
Status Date: Not reported
Date Installed: 05/01/2000
Capacity: 20000
Contents: Gasoline
Tank Type: Triple Walled
Tank Usage: MV
Tank Material: Reinforced
Tank Leak Detection: Interstitial Monitoring
Pipe Material: Reinforced
Pipe Container: 2 Walls
Pipe Leak Detection: Product Line Leak Detector
Above Ground: No

Release:

Release Tracking Number/Current Status: 3-0016995 / RAO
Primary ID: Not reported
Official City: NORTH READING
Notification: 07/01/1998
Category: TWO HR
Status Date: 09/01/1998
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:

MA Financial Assurance 2:

Facility Id: 22082
Description: Gas Station
Work Phone: (617) 770-8673

HW GEN:

EPA Id: MV9786644948
RCRA Generator Status: VSQG
State Generator Status: VQG-MA

34
West
1/2-1
0.860 mi.
4543 ft.

**DEPARTMENT OF PUBLIC WORKS
135 ANDOVER ST
WILMINGTON, MA 01887**

**SHWS U003400455
LUST N/A
UST
RELEASE
Financial Assurance
HW GEN**

Relative:
Lower

SHWS:

Release Tracking Number/Current Status: 3-0021979 / RAO
Release Town: WILMINGTON
Notification Date: 07/22/2002
Category: 120 DY

Actual:
77 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPARTMENT OF PUBLIC WORKS (Continued)

U003400455

Associated ID: Not reported
Current Status: **Response Action Outcome**
Status Date: 07/22/2002
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Hazardous Material

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

Chemicals:

Chemical: ARSENIC
Quantity: 240 milligrams per kilogram

Actions:

Action Type: Release Abatement Measure
Action Status: Completion Statement Received
Action Date: 7/22/2002
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: 7/22/2002
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: 7/22/2002
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: 7/22/2002
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: 7/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status: 3-0019809 / REMOPS
Release Town: WILMINGTON
Notification Date: 08/08/2000
Category: 120 DY
Associated ID: Not reported
Current Status: **Remedy Operation Status**
Status Date: 08/12/2014
Phase: PHASE V
Response Action Outcome: -
Oil Or Haz Material: Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPARTMENT OF PUBLIC WORKS (Continued)

U003400455

Location Type: MUNICIPAL
Source: UNKNOWN

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

Chemicals:

Chemical: PETROLEUM
Quantity: Not reported

Actions:

Action Type: Release Abatement Measure
Action Status: Written Plan Received
Action Date: 10/13/2000
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Fee Received - FMCRA Use Only
Action Date: 10/16/2000
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/12/2008
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/12/2008
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/14/2011
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Submittal Received
Action Date: 2/14/2011
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Report Received
Action Date: 2/16/2009
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: RMRINT
Action Date: 2/16/2009
Response Action Outcome: Not reported

Action Type: Phase 5
Action Status: Remedy Operation Status Submittal Received
Action Date: 2/17/2010
Response Action Outcome: Not reported

Action Type: Phase 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPARTMENT OF PUBLIC WORKS (Continued)

U003400455

Action Status:	RMRINT
Action Date:	2/17/2010
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Status or Interim Report Received
Action Date:	2/7/2001
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Permit Effective Date
Action Date:	2/7/2002
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	RMRINI
Action Date:	2/8/2007
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	2/8/2007
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	3/24/2006
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	7/24/2001
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Scope of Work Received
Action Date:	7/30/2003
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	8/12/2014
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	8/12/2014
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	8/13/2007
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	8/13/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPARTMENT OF PUBLIC WORKS (Continued)

U003400455

Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	REVMP
Action Date:	8/14/2006
Response Action Outcome:	Not reported
Action Type:	Phase 4
Action Status:	Completion Statement Received
Action Date:	8/14/2006
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Revised Statement or Transmittal Received
Action Date:	8/14/2006
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	8/14/2006
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/14/2006
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	8/15/2001
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	8/15/2001
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 1C Classification
Action Date:	8/15/2001
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	8/17/2010
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	8/17/2010
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	8/19/2008
Response Action Outcome:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPARTMENT OF PUBLIC WORKS (Continued)

U003400455

Action Type:	Phase 5
Action Status:	Remedy Operation Status Submittal Received
Action Date:	8/19/2008
Response Action Outcome:	Not reported
Action Type:	Phase 4
Action Status:	Modified Revised or Updated Plan Received
Action Date:	8/19/2008
Response Action Outcome:	Not reported
Action Type:	Phase 4
Action Status:	Modified Revised or Updated Plan Received
Action Date:	8/2/2006
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	RMRINT
Action Date:	8/20/2009
Response Action Outcome:	Not reported
Action Type:	Phase 5
Action Status:	Remedy Operation Status Report Received
Action Date:	8/20/2009
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	8/21/2003
Response Action Outcome:	Not reported
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	8/21/2003
Response Action Outcome:	Not reported
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	8/23/2004
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	8/8/2000
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Oral Approval of Plan or Action
Action Date:	8/8/2000
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:	9/27/2000
Response Action Outcome:	Not reported
Action Type:	BWS03
Action Status:	APPROV

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPARTMENT OF PUBLIC WORKS (Continued)

U003400455

Action Date: Not reported
Response Action Outcome: Not reported

LUST:

Facility:

Release Tracking Number/Current Status: 3-0025402 / TIERI
Status Date: 11/24/2006
Source Type: UST
Release Town: WILMINGTON
Notification Date: 11/15/2005
Category: 120 DY
Associated ID: Not reported
Phase: PHASE IV
Response Action Outcome: -
Oil Or Haz Material: Oil

Source: UST

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

Chemicals:

Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS
Quantity: 9600 milligrams per kilogram
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS
Quantity: 3440 milligrams per kilogram
Chemical: C19 THRU C36 ALIPHATIC HYDROCARBONS
Quantity: 3120 milligrams per kilogram

Actions:

Action Type: Tier Classification
Action Status: Permit Effective Date
Action Date: 1/11/2007
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 10/10/2006
Response Action Outcome: Not reported

Action Type: BOL
Action Status: SHPFAC
Action Date: 10/10/2012
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 11/12/2010
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 11/12/2010
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPARTMENT OF PUBLIC WORKS (Continued)

U003400455

Action Type: Phase 4
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 11/12/2010
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 11/13/2009
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 11/13/2009
Response Action Outcome: Not reported

Action Type: Phase 2
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 11/14/2008
Response Action Outcome: Not reported

Action Type: Phase 3
Action Status: Notice of Delay in Meeting RA Deadline Received
Action Date: 11/14/2008
Response Action Outcome: Not reported

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 11/15/2005
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/15/2005
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Tier 1C Classification
Action Date: 11/24/2006
Response Action Outcome: Not reported

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 11/24/2006
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/24/2006
Response Action Outcome: Not reported

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 11/29/2006
Response Action Outcome: Not reported

Action Type: Release Abatement Measure
Action Status: Completion Statement Received

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPARTMENT OF PUBLIC WORKS (Continued)

U003400455

Action Date:	11/30/2012
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:	12/6/2005
Response Action Outcome:	Not reported
Action Type:	Phase 3
Action Status:	Completion Statement Received
Action Date:	2/14/2011
Response Action Outcome:	Not reported
Action Type:	Phase 2
Action Status:	Completion Statement Received
Action Date:	2/14/2011
Response Action Outcome:	Not reported
Action Type:	Phase 4
Action Status:	Written Plan Received
Action Date:	3/11/2014
Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	5/23/2012
Response Action Outcome:	Not reported
Action Type:	Phase 4
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	5/23/2012
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	7/18/2012
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Level I - Technical Screen Audit
Action Date:	7/20/2012
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Permit Extension Received
Action Date:	8/1/2012
Response Action Outcome:	Not reported
Action Type:	BOL
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	9/21/2012
Response Action Outcome:	Not reported
Action Type:	BWS20
Action Status:	APPROV
Action Date:	Not reported
Response Action Outcome:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPARTMENT OF PUBLIC WORKS (Continued)

U003400455

Action Type: BWS03
Action Status: APPROV
Action Date: Not reported
Response Action Outcome: Not reported

UST:

Facility:

Facility ID: 1033
Owner Id: 42
Owner: TOWN OF WILMINGTON
Owner Address: 121 GLEN RD
Owner City,St,Zip: WILMINGTON, MA 01887
Telephone: 978-658-3017
Description: Municipal
Fire Dept. ID: 17342
Date of Inspection: 07/11/2013

Tank ID: 1
Serial Number: Not reported
Tank Status: In Use
Status Date: Not reported
Date Installed: 08/28/1986
Capacity: 10000
Contents: Gasoline
Tank Type: 2 Walls
Tank Usage: MV
Tank Material: Reinforced
Tank Leak Detection: Interstitial Monitoring
Pipe Material: Reinforced
Pipe Container: 2 Walls
Pipe Leak Detection: Suction: Check Valve at Dispenser
Above Ground: No

Tank ID: 2
Serial Number: Not reported
Tank Status: In Use
Status Date: Not reported
Date Installed: 08/28/1986
Capacity: 10000
Contents: Diesel
Tank Type: 2 Walls
Tank Usage: MV
Tank Material: Reinforced
Tank Leak Detection: Approved In-Tank Monitor
Pipe Material: Reinforced
Pipe Container: 2 Walls
Pipe Leak Detection: Suction: Check Valve at Dispenser
Above Ground: No

Release:

Release Tracking Number/Current Status: 3-0019809 / REMOPS
Primary ID: Not reported
Official City: WILMINGTON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPARTMENT OF PUBLIC WORKS (Continued)

U003400455

Notification: 08/08/2000
Category: 120 DY
Status Date: 08/12/2014
Phase: PHASE V
Response Action Outcome: -
Oil / Haz Material Type: Oil

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

Release Tracking Number/Current Status: 3-0021979 / RAO
Primary ID: Not reported
Official City: WILMINGTON
Notification: 07/22/2002
Category: 120 DY
Status Date: 07/22/2002
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type: Hazardous Material

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

Release Tracking Number/Current Status: 3-0025402 / TIERI
Primary ID: Not reported
Official City: WILMINGTON
Notification: 11/15/2005
Category: 120 DY
Status Date: 11/24/2006
Phase: PHASE IV
Response Action Outcome: -
Oil / Haz Material Type: Oil

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

MA Financial Assurance 2:

Facility Id: 1033
Description: Municipal
Work Phone: 978-658-3017

HW GEN:

EPA Id: MAC300006095
RCRA Generator Status: Not reported
State Generator Status: SQG-MA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

35
ESE
1/2-1
0.888 mi.
4690 ft.

LOT 2 MAP 24
86 MAIN ST
NORTH READING, MA 01864

SHWS S102403746
RELEASE N/A

Relative:
Lower

SHWS:

Actual:
71 ft.

Release Tracking Number/Current Status: 3-0013566 / RAO
Release Town: NORTH READING
Notification Date: 03/14/1996
Category: 120 DY
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 12/09/1998
Phase: PHASE II
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.
Oil Or Haz Material: Oil

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

Chemicals:

Chemical: TPH
Quantity: 1.41 milligrams per liter

Actions:

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 12/9/1998
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: 3/14/1996
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: 3/14/1996
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 3/20/1997
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 3/20/1997
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Tier Classification
Action Status: Tier 2 Classification

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 2 MAP 24 (Continued)

S102403746

Action Date: 3/20/1997
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: 3/28/1996
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 8/16/2002
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Release:

Release Tracking Number/Current Status: 3-0013566 / RAO
Primary ID: Not reported
Official City: NORTH READING
Notification: 03/14/1996
Category: 120 DY
Status Date: 12/09/1998
Phase: PHASE II
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:](#)

36
WSW
1/2-1
0.941 mi.
4971 ft.

ROADWAY SPILL
SALEM ST OVER RTE 93
WILMINGTON, MA 01887

SHWS S100830084
RELEASE N/A

Relative:
Lower

SHWS:

Actual:
81 ft.

Release Tracking Number/Current Status: 3-0001880 / DEPND5
Release Town: WILMINGTON
Notification Date: 09/02/1986
Category: NONE
Associated ID: Not reported
Current Status: Not a Disposal Site (DEP)
Status Date: 05/23/1996
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Not reported

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

Chemicals:

Chemical: UNKNOWN
Quantity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROADWAY SPILL (Continued)

S100830084

Actions:

Action Type: TREGS
Action Status: DEPND5
Action Date: 5/23/1996
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 9/2/1986
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: 9/2/1986
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0001880 / DEPND5
Primary ID: Not reported
Official City: WILMINGTON
Notification: 09/02/1986
Category: NONE
Status Date: 05/23/1996
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Not reported

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

37
SE
1/2-1
0.984 mi.
5198 ft.

NO LOCATION AID
79 MAIN ST
NORTH READING, MA 01864

SHWS S106132408
RELEASE N/A

Relative:
Lower

SHWS:

Release Tracking Number/Current Status: 3-0023318 / RAO
Release Town: NORTH READING
Notification Date: 11/03/2003
Category: 120 DY
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 01/27/2004
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

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

Chemicals:

Chemical: C9 THRU C10 AROMATIC HYDROCARBONS
Quantity: 3600 micrograms per liter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO LOCATION AID (Continued)

S106132408

Actions:

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 1/27/2004
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: 1/27/2004
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: 11/17/2003
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: 11/3/2003
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: 11/3/2003
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: 11/3/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0023318 / RAO
Primary ID: Not reported
Official City: NORTH READING
Notification: 11/03/2003
Category: 120 DY
Status Date: 01/27/2004
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:](#)

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NORTH READING	S115000101	JOHN T. BERRY REHAB. CENTER	ROUTE 62		RGA LUST
NORTH READING	1009434016	T T BERRY REHAB CEN	RTE 62	01864	FINDS
NORTH READING	S110303489	LOT 179	LITTLE MEADOW WAY	01864	SHWS, RELEASE
NORTH READING	S112551057	CAROUSEL CLEANERS	MAIN ST RTE 28	01864	HW GEN
NORTH READING	S101022278	CAROUSEL CLEANERS	265 MAIN ST	01864	SHWS, RELEASE, SPILLS, INST CONTROL, DRYCLEANERS, HW GEN
NORTH READING	S114993890	ADJACENT PROPERTY	RIVERPARK OFF CONCORD ST		RGA LUST
NORTH READING	S114993889	ADJACENT PROPERTY	RIVERPARK - OFF CONCORD ST		RGA LUST
NORTH READING	S114993891	ADJACENT PROPERTY	RIVERPARK/OFF CONCORD ST.		RGA LUST
WILMINGTON	S116756104	NO LOCATION AID	500 TO 773 SALEM STREET	01887	SHWS, RELEASE
WILMINGTON	S108348207	SOUTH OF EXIT 39	RTE 93 NORTHBOUND	01887	SHWS, RELEASE
WILMINGTON	S105200176	3/4 MILES SOUTH OF CONCORD ST EXIT	RTE 93 SOUTHBOUND BREAKDOWN LA	01887	SHWS, RELEASE
WILMINGTON	S101040031	NO LOCATION AID	RTE 93 S	01887	SHWS, RELEASE
WILMINGTON	S106617609	FORMER FIRING RANGE	ABIGAIL IS	01887	SHWS, RELEASE
WILMINGTON	S116687227	ROADWAY	ADJACENT TO 134 & 136 GROVE AV	01887	SHWS, RELEASE
WILMINGTON	S109948762	NO LOCATION AID	ANDOVER ST ACROSS FROM 228	01887	SHWS, RELEASE
WILMINGTON	S103043332	NO LOCATION AID	BALLARDVILLE RD	01887	SHWS, RELEASE
WILMINGTON	S101016135	ACROSS FROM #23	INDUSTRIAL WAY	01887	SHWS, RELEASE, SPILLS, ENF
WILMINGTON	S105596744	TOWN RECYCLING FACILITY	OLD MAIN ST	01887	SHWS, RELEASE
WILMINGTON	S101017080	ASSESSORS MAP 25 LOTS 2 & 2A	OLD MAIN ST	01887	SHWS, RELEASE, SPILLS
WILMINGTON	1006838389	WILMINGTON DUMP	SALEM ST	01887	FINDS, SWF/LF

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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	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.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

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: 07/21/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/07/2014	Telephone: 703-603-8704
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 10/07/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
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: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
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: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
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: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

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: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/22/2014
	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: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/29/2014	Source: Department of the Navy
Date Data Arrived at EDR: 10/09/2014	Telephone: 843-820-7326
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 08/14/2014
Number of Days to Update: 11	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Varies

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: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 09/30/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Annually

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: 08/26/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/27/2014	Telephone: 617-292-5990
Date Made Active in Reports: 08/29/2014	Last EDR Contact: 10/15/2014
Number of Days to Update: 2	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: Quarterly

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/27/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/09/2014	Telephone: 617-292-5989
Date Made Active in Reports: 05/08/2014	Last EDR Contact: 10/10/2014
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 08/26/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/27/2014	Telephone: 617-292-5990
Date Made Active in Reports: 08/29/2014	Last EDR Contact: 10/15/2014
Number of Days to Update: 2	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tank Sites

Sites within the Releases Database that have a AST listed as its source.

Date of Government Version: 08/26/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/27/2014	Telephone: 617-292-5500
Date Made Active in Reports: 08/29/2014	Last EDR Contact: 10/15/2014
Number of Days to Update: 2	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: Quarterly

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: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 07/22/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

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: 08/04/2014	Source: EPA, Region 5
Date Data Arrived at EDR: 08/05/2014	Telephone: 312-886-7439
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/13/2014	Source: EPA Region 8
Date Data Arrived at EDR: 08/15/2014	Telephone: 303-312-6271
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2014	Source: EPA Region 7
Date Data Arrived at EDR: 08/22/2014	Telephone: 913-551-7003
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/10/2014
	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: 05/14/2014	Source: EPA Region 6
Date Data Arrived at EDR: 05/15/2014	Telephone: 214-665-6597
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 11/20/2014
	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: 07/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2014	Telephone: 404-562-8677
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

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: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 08/01/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 11/10/2014
	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: 05/20/2014	Source: EPA Region 10
Date Data Arrived at EDR: 06/10/2014	Telephone: 206-553-2857
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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: 07/18/2014	Source: Department of Fire Services, Office of the Public Safety
Date Data Arrived at EDR: 07/22/2014	Telephone: 617-556-1035
Date Made Active in Reports: 07/24/2014	Last EDR Contact: 10/22/2014
Number of Days to Update: 2	Next Scheduled EDR Contact: 02/02/2015
	Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Database
Registered Aboveground Storage Tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/22/2009
Date Data Arrived at EDR: 10/28/2009
Date Made Active in Reports: 11/06/2009
Number of Days to Update: 9

Source: Department of Public Safety
Telephone: 617-556-1035
Last EDR Contact: 10/17/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Quarterly

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).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/10/2014
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: 07/30/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

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: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/15/2014
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

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: 08/14/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 7

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

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: 08/13/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 7

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/20/2014
Date Data Arrived at EDR: 08/22/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 27

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
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).

Date of Government Version: 07/25/2014
Date Data Arrived at EDR: 07/28/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 25

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Semi-Annually

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: 08/04/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 17

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/26/2015
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: 08/26/2014
Date Data Arrived at EDR: 08/27/2014
Date Made Active in Reports: 08/29/2014
Number of Days to Update: 2

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 10/15/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

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

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/30/2014
Date Data Arrived at EDR: 07/01/2014
Date Made Active in Reports: 08/15/2014
Number of Days to Update: 45

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

State and tribal Brownfields sites

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: 01/01/2014
Date Data Arrived at EDR: 02/07/2014
Date Made Active in Reports: 03/14/2014
Number of Days to Update: 35

Source: Office of the Attorney General
Telephone: 617-963-2423
Last EDR Contact: 05/09/2014
Next Scheduled EDR Contact: 08/18/2014
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: 09/22/2014
Date Data Arrived at EDR: 09/23/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/23/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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: 07/25/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: No Update Planned

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 08/01/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 07/25/2014	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/09/2014	Telephone: 202-307-1000
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/03/2014
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/15/2014
	Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

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: 07/25/2014	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/09/2014	Telephone: 202-307-1000
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/03/2014
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/15/2014
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

LIENS: Liens Information Listing

A listing of environmental liens.

Date of Government Version: 02/24/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/27/2014	Telephone: 617-292-5628
Date Made Active in Reports: 03/14/2014	Last EDR Contact: 09/22/2014
Number of Days to Update: 15	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/2014	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/01/2014	Telephone: 202-366-4555
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 10/01/2014
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Annually

RELEASE: Reportable Releases

Contains information on all releases of oil and hazardous materials that have been reported to DEP

Date of Government Version: 08/26/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 08/27/2014	Telephone: 617-292-5990
Date Made Active in Reports: 08/29/2014	Last EDR Contact: 10/15/2014
Number of Days to Update: 2	Next Scheduled EDR Contact: 01/26/2015
	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

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

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: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/06/2014
Next Scheduled EDR Contact: 11/17/2014
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: 10/15/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/09/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

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: 01/30/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 132

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/04/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/29/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/26/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/19/2014
Next Scheduled EDR Contact: 12/08/2014
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/19/2014
Next Scheduled EDR Contact: 12/08/2014
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 05/06/2014
Date Data Arrived at EDR: 05/16/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/26/2015
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: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/15/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/07/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/08/2014	Telephone: 202-343-9775
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 12	Next Scheduled EDR Contact: 01/19/2015
	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: 08/16/2014	Source: EPA
Date Data Arrived at EDR: 09/10/2014	Telephone: (617) 918-1111
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/10/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	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

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: 04/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2014	Telephone: 202-564-8600
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 11/10/2014
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/29/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Biennially

NPDES: NPDES Permit Listing

Listing of treatment plants in Massachusetts that hold permits to discharge to groundwater.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 02/21/2014
Date Made Active in Reports: 03/14/2014
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: 508-767-2781
Last EDR Contact: 08/22/2014
Next Scheduled EDR Contact: 12/01/2014
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: 07/28/2014
Date Data Arrived at EDR: 07/30/2014
Date Made Active in Reports: 09/15/2014
Number of Days to Update: 47

Source: Department of Environmental Protection
Telephone: 617-292-5633
Last EDR Contact: 10/20/2014
Next Scheduled EDR Contact: 02/02/2015
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: 08/01/2004
Date Data Arrived at EDR: 09/01/2004
Date Made Active in Reports: 10/01/2004
Number of Days to Update: 30

Source: Department of Environmental Quality
Telephone: 617-292-5979
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

AIRS: Permitted Facilities Listing

A listing of Air Quality permit applications.

Date of Government Version: 07/21/2014
Date Data Arrived at EDR: 07/22/2014
Date Made Active in Reports: 07/24/2014
Number of Days to Update: 2

Source: Department of Environmental Protection
Telephone: 617-292-5789
Last EDR Contact: 10/20/2014
Next Scheduled EDR Contact: 02/02/2015
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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 12/19/2013
Date Made Active in Reports: 01/30/2014
Number of Days to Update: 42

Source: Massachusetts Emergency Management Agency
Telephone: 508-820-2019
Last EDR Contact: 10/20/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Annually

LEAD: Lead Inspection Database

The Massachusetts Childhood Lead Poisoning Prevention Program data of lead inspection for the state.

Date of Government Version: 07/23/2014
Date Data Arrived at EDR: 07/31/2014
Date Made Active in Reports: 09/15/2014
Number of Days to Update: 46

Source: Department of Health & Human Services, Childhood Lead Poisoning Prevention Program
Telephone: 617-624-5757
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/15/2014
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: Semi-Annually

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: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 10/20/2014
Number of Days to Update: 54	Next Scheduled EDR Contact: 02/02/2015
	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.

Date of Government Version: 10/21/2011	Source: Office of State Fire Marshal
Date Data Arrived at EDR: 10/25/2011	Telephone: 978-567-3100
Date Made Active in Reports: 11/18/2011	Last EDR Contact: 10/20/2014
Number of Days to Update: 24	Next Scheduled EDR Contact: 02/02/2015
	Data Release Frequency: Quarterly

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: 06/26/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2014	Telephone: 617-292-5500
Date Made Active in Reports: 07/17/2014	Last EDR Contact: 10/01/2014
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Semi-Annually

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: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 08/15/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/24/2014
	Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

TSD: TSD Facility

List of Licensed Hazardous Waste Treatment, Storage Disposal Facilities (TSDFs) in Massachusetts.

Date of Government Version: 11/01/2009
Date Data Arrived at EDR: 06/04/2013
Date Made Active in Reports: 07/18/2013
Number of Days to Update: 44

Source: Department of Environmental Protection
Telephone: 617-292-5580
Last EDR Contact: 10/03/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

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: 07/02/2014
Date Data Arrived at EDR: 08/27/2014
Date Made Active in Reports: 08/29/2014
Number of Days to Update: 2

Source: Department of Environmental Protection
Telephone: 617-292-5632
Last EDR Contact: 08/27/2014
Next Scheduled EDR Contact: 12/08/2014
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

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

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014
Date Data Arrived at EDR: 06/12/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/15/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

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: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 08/01/2014
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/10/2014
	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: 12/31/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/25/2013	Telephone: 617-292-5970
Date Made Active in Reports: 10/10/2013	Last EDR Contact: 10/14/2014
Number of Days to Update: 15	Next Scheduled EDR Contact: 01/26/2015
	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	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/23/2010	Telephone: 617-292-5970
Date Made Active in Reports: 02/03/2011	Last EDR Contact: 09/15/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 12/29/2014
	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: 09/04/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/04/2014	Telephone: 202-566-1917
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 08/14/2014
Number of Days to Update: 46	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Quarterly

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: 09/10/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-2496
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 09/29/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-2496
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 09/29/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Annually

COAL ASH DOE: Sleam-Electric Plan 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: 10/17/2014
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/26/2015
	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: 09/01/2011	Source: MassGIS
Date Data Arrived at EDR: 11/08/2011	Telephone: 617-556-1150
Date Made Active in Reports: 12/05/2011	Last EDR Contact: 08/08/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Varies

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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/15/2014
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: N/A

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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR US Hist Auto Stat: EDR Exclusive Historic Gas 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry 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.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

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	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Areas of Critical Environmental Concern Datalayer: 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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

JT BERRY PROPERTY
LOWELL RD
NORTH READING, MA 01864

TARGET PROPERTY COORDINATES

Latitude (North): 42.5825 - 42° 34' 57.00"
Longitude (West): 71.1285 - 71° 7' 42.60"
Universal Tranverse Mercator: Zone 19
UTM X (Meters): 325331.2
UTM Y (Meters): 4716435.5
Elevation: 101 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 42071-E2 WILMINGTON, MA
Most Recent Revision: 1987

East Map: 42071-E1 READING, MA
Most Recent Revision: 1987

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 principal 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).

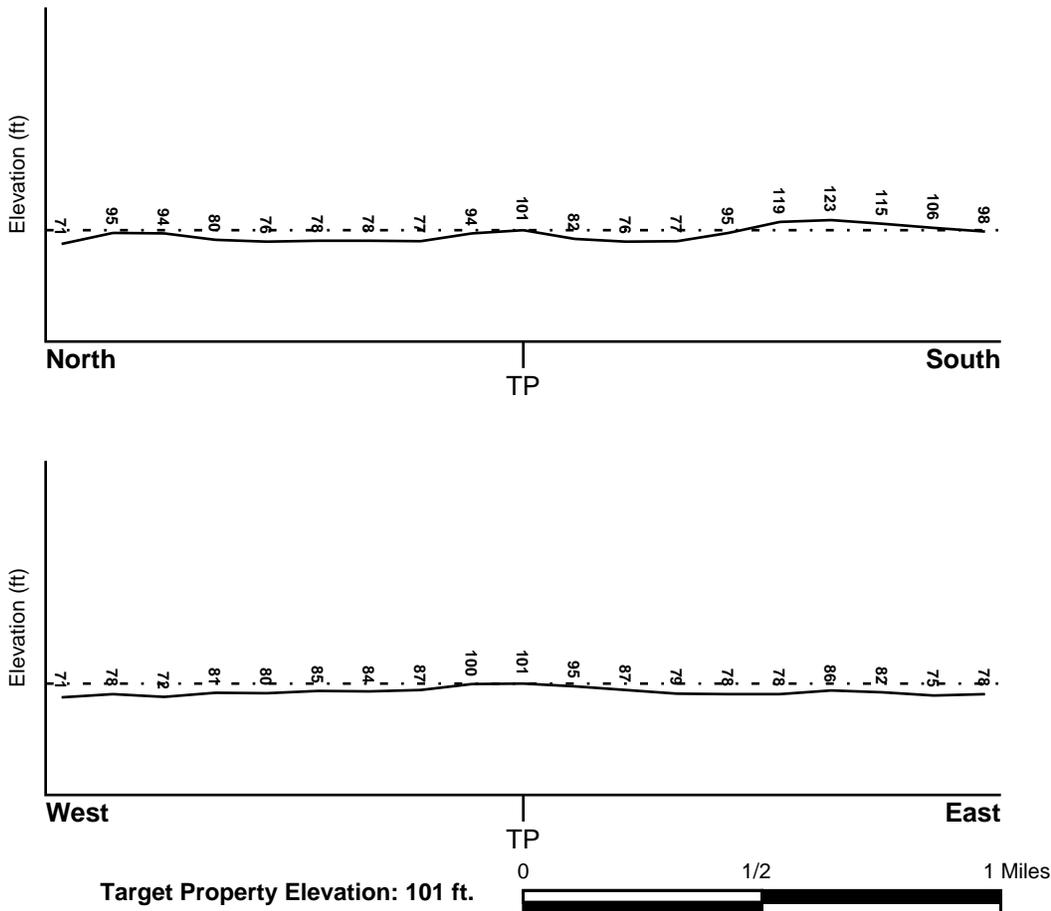
TOPOGRAPHIC INFORMATION

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>Target Property County</u> MIDDLESEX, MA	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	25017C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> WILMINGTON	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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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>
8	1/2 - 1 Mile NE	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: Ordovian
Series: Lower Paleozoic granitic rocks
Code: Pzg1 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: WINDSOR

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively. Soils have very high and high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: LOW

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	2 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 4.50
2	2 inches	20 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 4.50
3	20 inches	65 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 20.00 Min: 6.00	Max: 6.50 Min: 4.50

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sandy loam
muck
gravelly - sandy loam
loamy fine sand
extremely gravelly - sand
silt loam
mucky - loamy sand

Surficial Soil Types: fine sandy loam
muck
gravelly - sandy loam
loamy fine sand
extremely gravelly - sand
silt loam
mucky - loamy sand

Shallow Soil Types: loamy coarse sand
loamy sand
silt loam

Deeper Soil Types: stratified
sapric material

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

extremely gravelly - sand
silt loam
coarse sand

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<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>
1	USGS40000477965	0 - 1/8 Mile ENE
A6	USGS40000477873	1/4 - 1/2 Mile SW
C10	USGS40000478294	1/2 - 1 Mile North
B11	USGS40000477948	1/2 - 1 Mile West
B12	USGS40000477947	1/2 - 1 Mile West
C14	USGS40000481151	1/2 - 1 Mile North
16	USGS40000477768	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
3	MA3213000	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>
2	MA7000000004685	1/8 - 1/4 Mile WSW
4	MA7000000004670	1/4 - 1/2 Mile SSW
A5	MA7000000004672	1/4 - 1/2 Mile SW
7	MA7000000004720	1/2 - 1 Mile ENE
B9	MA7000000004696	1/2 - 1 Mile West
C13	MA7000000004769	1/2 - 1 Mile North
C15	MA7000000004771	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID

17

WELL ID

MA7000000004772

LOCATION
FROM TP

1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 4114514.2s



- | | | | |
|--|--|-------------------------------------|---------------------------------|
| County Boundary | 0 1/4 1/2 1 Miles | Groundwater Flow Direction | Potentially Productive Aquifers |
| Major Roads | Indeterminate Groundwater Flow at Location | Not Potentially Productive Aquifers | |
| Contour Lines | Groundwater Flow Varies at Location | DEP Approved Zone IIs | |
| Earthquake epicenter, Richter 5 or greater | | EPA Designated Sole Src. Aq. | |
| Water Wells | | | |
| Public Water Supply Wells | | | |
| Cluster of Multiple Icons | | | |

SITE NAME: JT Berry Property
 ADDRESS: LOWELL RD
 North Reading MA 01864
 LAT/LONG: 42.5825 / 71.1285

CLIENT: Weston and Sampson Engineers
 CONTACT: Joe Spencer
 INQUIRY #: 4114514.2s
 DATE: October 24, 2014 10:46 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
ENE
0 - 1/8 Mile
Lower

FED USGS USGS40000477965

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-423458071073601		
Monloc name:	MA-N3W 231		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.5828712
Longitude:	-71.1261664	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

2
WSW
1/8 - 1/4 Mile
Lower

MA WELLS MA7000000004685

Objectid:	300		
Fac name:	AGGREGATE INDUSTRIES NORTHEAST REGION		
Address:	900 SALEM STREET RTE 62		
Town:	WILMINGTON	Region:	3
Rtn:	3-0000914	Hw id:	Not Reported
Sw id:	Not Reported		
Sseis id:	0		
Npdes id:	Not Reported	Air:	Not Reported
Gwd:	Not Reported	Hwr:	Not Reported
Lqg ma:	Not Reported	Lqg rcra:	Not Reported
Lqtu:	Y	Tsdf:	Not Reported
Swd:	Not Reported		
Fac id:	377210		
Source id:	Not Reported	Site name:	Not Reported
Latitude:	0		
Longitude:	0		
Type:	Not Reported	Zii num:	0
Pws id:	Not Reported	Site id:	MA7000000004685

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 924
 Base Map: Digitized on screen using digital orthophoto base map (DOQ)
 L acc est: Estimated horizontal accuracy is+/-100 ft (30.5m)
 L type: CF
 L meth: OTH
 L src 1: SV
 L src 2: MassGIS 1:5,000 digital orthophotography
 L src 3: Not Reported
 L date: 03-MAR-04
 Fac id: 377210

3
SSW
1/4 - 1/2 Mile
Lower

FRDS PWS MA3213000

Epa region:	01	State:	MA
Pwsid:	MA3213000		
Pwsname:	NORTH READING WATER DEPT.		
City served:	Not Reported	State served:	MA
Zip served:	Not Reported	Fips county:	25017
Status:	Active	Pop srvd:	14897
Pwssvconn:	4829	Source:	Purch_surface_water
Pws type:	CWS	Owner:	Local_Govt
Contact:	MARK E CLARK		
Contact or gname:	NORTH READING WATER DEPT.		
Contact phone:	9783575246	Contact address1:	235 NORTH STREET
Contact address2:	Not Reported	Contact city:	NORTH READING
Contact state:	MA	Contact zip:	01864
Activity code:	A		

Facid:	11		
Facname:	WEST VILLAGE WTP		
Facility type:	Treatment_plant	Activity code:	A
Treatment obj:	corrosion control	Treatment process:	ph adjustment
Treatment obj:	corrosion control	Treatment process:	ph adjustment, post
Treatment obj:	disinfection	Treatment process:	hypochlorination, pre
Treatment obj:	disinfection	Treatment process:	hypochlorination, post
Treatment obj:	iron removal	Treatment process:	filtration, greensand
Treatment obj:	other	Treatment process:	fluoridation

Facid:	12		
Facname:	CENTRAL STREET WELLFIELD		
Facility type:	Treatment_plant	Activity code:	A
Treatment obj:	corrosion control	Treatment process:	ph adjustment
Treatment obj:	disinfection	Treatment process:	hypochlorination, pre
Treatment obj:	other	Treatment process:	fluoridation

Facid:	9		
Facname:	LAKESIDE BLVD WTP		
Facility type:	Treatment_plant	Activity code:	A
Treatment obj:	corrosion control	Treatment process:	ph adjustment
Treatment obj:	disinfection	Treatment process:	hypochlorination, pre
Treatment obj:	iron removal	Treatment process:	filtration, pressure sand
Treatment obj:	iron removal	Treatment process:	permanganate
Treatment obj:	other	Treatment process:	fluoridation
Treatment obj:	particulate removal	Treatment process:	filtration, pressure sand
Treatment obj:	particulate removal	Treatment process:	filtered

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Location Information:

Name:	NORTH READING WATER DEPT.		
Pwstypcd:	CWS	Prmsrccd:	SWP
Popserved:	15077		
Add1:	235 NORTH STREET		
Add2:	Not Reported		
City:	NORTH READING	State:	MA
Zip:	01864	Phone:	9783575246
Cityserv:	NORTH READING	Cntyserv:	Middlesex
Stateserv:	MA	Zipserv:	01864

Enforcement Information:

Violation id:	Not Reported	Orig cd:	S
Enf fy:	2014	Enf act date:	05/08/2014
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Not Reported

Enforcement Information:

Violation id:	9	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	8	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	7	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	6	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	5	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	43	Orig cd:	S
Enf fy:	2014	Enf act date:	10/15/2013
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	42	Orig cd:	S
Enf fy:	2014	Enf act date:	10/15/2013
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	41	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

Violation id:	40	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	4	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	39	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	38	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	37	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	36	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	35	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	34	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	33	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	32	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	31	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

Violation id:	30	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	3	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	29	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	28	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	27	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	26	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	25	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	24	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	23	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	22	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	21	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

Violation id:	20	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	2	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	19	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	18	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	17	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	16	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	15	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	14	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	13	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	12	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	11	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

Violation id:	10	Orig cd:	S
Enf fy:	2008	Enf act date:	10/26/2007
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	1	Orig cd:	S
Enf fy:	2007	Enf act date:	10/23/2006
Enf act detail:	St AO (w/o penalty) issued	Enf act cat:	Formal

Enforcement Information:

Violation id:	1	Orig cd:	S
Enf fy:	2007	Enf act date:	08/02/2007
Enf act detail:	St Compliance achieved	Enf act cat:	Resolving

Violations Information:

Violation id:	9	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2005		
Contamnm:	Endrin		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	8	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2105		
Contamnm:	2,4-D		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	7	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2959		
Contamnm:	Chlordane		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violations Information:

Violation id:	6	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2046		
Contamnm:	Carbofuran		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	5	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2050		
Contamnm:	Atrazine		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	44	Orig cd:	S
State:	MA	Viol fy:	2014
Contamcd:	2950		
Contamnm:	TTHM		
Viol code:	02		
Viol name:	MCL, Average		
Rule code:	220		
Rule name:	St2 DBP		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	04/01/2014
Cmpedt:	06/30/2014		

Violations Information:

Violation id:	43	Orig cd:	S
State:	MA	Viol fy:	2013
Contamcd:	0999		
Contamnm:	Chlorine		
Viol code:	27		
Viol name:	Monitoring and Reporting (DBP)		
Rule code:	210		
Rule name:	St1 DBP		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2013
Cmpedt:	09/30/2013		

Violations Information:

Violation id:	42	Orig cd:	S
State:	MA	Viol fy:	2013
Contamcd:	3100		
Contamnm:	Coliform (TCR)		
Viol code:	22		
Viol name:	MCL, Monthly (TCR)		
Rule code:	110		
Rule name:	TCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

State mcl:	Not Reported	Cmpbdt:	09/01/2013
Cmpedt:	09/30/2013		
Violations Information:			
Violocation id:	41	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2400		
Contamnm:	Aroclor 1260		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	500		
Rule name:	Not Regulated		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	40	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2399		
Contamnm:	PCB 1262		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	500		
Rule name:	Not Regulated		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	4	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2051		
Contamnm:	LASSO		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	39	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2398		
Contamnm:	Aroclor 1254		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	500		
Rule name:	Not Regulated		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violations Information:

Violation id:	38	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2396		
Contamnm:	Aroclor 1248		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	500		
Rule name:	Not Regulated		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	37	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2394		
Contamnm:	Aroclor 1242		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	500		
Rule name:	Not Regulated		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	36	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2392		
Contamnm:	Aroclor 1232		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	500		
Rule name:	Not Regulated		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	35	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2390		
Contamnm:	Aroclor 1221		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	500		
Rule name:	Not Regulated		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	34	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2388		
Contamnm:	Aroclor 1016		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	500		
Rule name:	Not Regulated		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	33	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2063		
Contamnm:	2,3,7,8-TCDD		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	32	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2037		
Contamnm:	Simazine		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	31	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2040		
Contamnm:	Picloram		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	30	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2036		
Contamnm:	OXAMYL		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violations Information:

Violation id:	3	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2456		
Contamnm:	Total Haloacetic Acids (HAA5)		
Viol code:	27		
Viol name:	Monitoring and Reporting (DBP)		
Rule code:	210		
Rule name:	St1 DBP		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	29	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2042		
Contamnm:	Hexachlorocyclopentadiene		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	28	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2274		
Contamnm:	HEXACHLOROBENZENE		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	27	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2034		
Contamnm:	Glyphosate		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	26	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2033		
Contamnm:	Endothall		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	25	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2032		
Contamnm:	Diquat		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	24	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2041		
Contamnm:	Dinoseb		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	23	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2039		
Contamnm:	Di(2-ethylhexyl) phthalate		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	22	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2035		
Contamnm:	Di(2-ethylhexyl) adipate		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violations Information:

Violation id:	21	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2031		
Contamnm:	Dalapon		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	20	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2306		
Contamnm:	Benzo(a)pyrene		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	2	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2950		
Contamnm:	TTHM		
Viol code:	27		
Viol name:	Monitoring and Reporting (DBP)		
Rule code:	210		
Rule name:	St1 DBP		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	19	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2931		
Contamnm:	1,2-DIBROMO-3-CHLOROPROPANE		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	18	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2383		
Contamnm:	Total Polychlorinated Biphenyls (PCB)		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	17	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2010		
Contamnm:	BHC-GAMMA		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	16	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2015		
Contamnm:	Methoxychlor		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	15	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2110		
Contamnm:	2,4,5-TP		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		
Violations Information:			
Violocation id:	14	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2020		
Contamnm:	Toxaphene		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

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Violations Information:

Violation id:	13	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2326		
Contamnm:	Pentachlorophenol		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	12	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2065		
Contamnm:	Heptachlor		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	11	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2067		
Contamnm:	Heptachlor epoxide		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	10	Orig cd:	S
State:	MA	Viol fy:	2007
Contamcd:	2946		
Contamnm:	ETHYLENE DIBROMIDE		
Viol code:	03		
Viol name:	Monitoring, Regular		
Rule code:	320		
Rule name:	SOC		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported
State mcl:	Not Reported	Cmpbdt:	07/01/2007
Cmpedt:	09/30/2007		

Violations Information:

Violation id:	1	Orig cd:	S
State:	MA	Viol fy:	2006
Contamcd:	5000		
Contamnm:	Lead and Copper Rule		
Viol code:	52		
Viol name:	Follow-up Or Routine LCR Tap M/R		
Rule code:	350		
Rule name:	LCR		
Violmeasur:	Not Reported	Unitmeasur:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 11 Contaminant: HEPTACHLOR EPOXIDE
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 12 Contaminant: HEPTACHLOR
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 13 Contaminant: PENTACHLOROPHENOL
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 14 Contaminant: TOXAPHENE
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 15 Contaminant: 2,4,5-TP (SILVEX)
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 16 Contaminant: METHOXYCHLOR
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	MA3213000
Pwsname:	NORTH READING WATER DEPT.		
Retpopsrvd:	13778	Pwstypecod:	C
Vioid:	17	Contaminant:	BHC-GAMMA (LINDANE)
Viol. Type:	3		
Complperbe:	7/1/2007 0:00:00		
Complperen:	9/30/2007 0:00:00	Enfdate:	10/26/2007 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	MA3213000
Pwsname:	NORTH READING WATER DEPT.		
Retpopsrvd:	13778	Pwstypecod:	C
Vioid:	18	Contaminant:	TOTAL POLYCHLORINATED BIPHENYLS (PCB)
Viol. Type:	3		
Complperbe:	7/1/2007 0:00:00		
Complperen:	9/30/2007 0:00:00	Enfdate:	10/26/2007 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	MA3213000
Pwsname:	NORTH READING WATER DEPT.		
Retpopsrvd:	13778	Pwstypecod:	C
Vioid:	19	Contaminant:	1,2 DIBROMO-3-CHLOROPROPANE (DBCP)
Viol. Type:	3		
Complperbe:	7/1/2007 0:00:00		
Complperen:	9/30/2007 0:00:00	Enfdate:	10/26/2007 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	MA3213000
Pwsname:	NORTH READING WATER DEPT.		
Retpopsrvd:	13778	Pwstypecod:	C
Vioid:	2	Contaminant:	TTHM
Viol. Type:	Monitoring and Reporting Stage 1		
Complperbe:	7/1/2007 0:00:00		
Complperen:	9/30/2007 0:00:00	Enfdate:	10/26/2007 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	MA3213000
Pwsname:	NORTH READING WATER DEPT.		
Retpopsrvd:	13778	Pwstypecod:	C
Vioid:	20	Contaminant:	BENZO (A) PYRENE
Viol. Type:	3		
Complperbe:	7/1/2007 0:00:00		
Complperen:	9/30/2007 0:00:00	Enfdate:	10/26/2007 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	MA3213000
Pwsname:	NORTH READING WATER DEPT.		
Retpopsrvd:	13778	Pwstypecod:	C
Vioid:	21	Contaminant:	DALAPON
Viol. Type:	3		
Complperbe:	7/1/2007 0:00:00		
Complperen:	9/30/2007 0:00:00	Enfdate:	10/26/2007 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 22 Contaminant: DI (2-ETHYLHEXYL) ADIPATE
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 23 Contaminant: DI (2-ETHYLHEXYL) PHTHALATE
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 24 Contaminant: DINOSEB
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 25 Contaminant: DIQUAT
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 26 Contaminant: ENDOTHALL
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 27 Contaminant: GLYPHOSATE
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 28 Contaminant: HEXACHLOROBENZENE (HCB)
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 29 Contaminant: HEXACHLOROCYCLOPENTADIENE
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 3 Contaminant: 2456
 Viol. Type: Monitoring and Reporting Stage 1
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 30 Contaminant: OXAMYL (VYDATE)
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 31 Contaminant: PICLORAM
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 32 Contaminant: SIMAZINE
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 33 Contaminant: 2,3,7,8-TCDD (DIOXIN)
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfddate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 34 Contaminant: AROCLOR 1016
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfddate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 35 Contaminant: AROCLOR 1221
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfddate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 36 Contaminant: AROCLOR 1232
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfddate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 37 Contaminant: AROCLOR 1242
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfddate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 38 Contaminant: AROCLOR 1248
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfddate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	MA3213000
Pwsname:	NORTH READING WATER DEPT.		
Retpopsrvd:	13778	Pwstypecod:	C
Void:	39	Contaminant:	AROCOLOR 1254
Viol. Type:	3		
Complperbe:	7/1/2007 0:00:00		
Complperen:	9/30/2007 0:00:00	Enfdate:	10/26/2007 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	MA3213000
Pwsname:	NORTH READING WATER DEPT.		
Retpopsrvd:	13778	Pwstypecod:	C
Void:	4	Contaminant:	ALACHLOR (LASSO)
Viol. Type:	3		
Complperbe:	7/1/2007 0:00:00		
Complperen:	9/30/2007 0:00:00	Enfdate:	10/26/2007 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	MA3213000
Pwsname:	NORTH READING WATER DEPT.		
Retpopsrvd:	13778	Pwstypecod:	C
Void:	40	Contaminant:	PCB 1262
Viol. Type:	3		
Complperbe:	7/1/2007 0:00:00		
Complperen:	9/30/2007 0:00:00	Enfdate:	10/26/2007 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	MA3213000
Pwsname:	NORTH READING WATER DEPT.		
Retpopsrvd:	13778	Pwstypecod:	C
Void:	41	Contaminant:	AROCOLOR 1260
Viol. Type:	3		
Complperbe:	7/1/2007 0:00:00		
Complperen:	9/30/2007 0:00:00	Enfdate:	10/26/2007 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	MA3213000
Pwsname:	NORTH READING WATER DEPT.		
Retpopsrvd:	13778	Pwstypecod:	C
Void:	5	Contaminant:	ATRAZINE
Viol. Type:	3		
Complperbe:	7/1/2007 0:00:00		
Complperen:	9/30/2007 0:00:00	Enfdate:	10/26/2007 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		
Truedate:	03/31/2009	Pwsid:	MA3213000
Pwsname:	NORTH READING WATER DEPT.		
Retpopsrvd:	13778	Pwstypecod:	C
Void:	6	Contaminant:	CARBOFURAN
Viol. Type:	3		
Complperbe:	7/1/2007 0:00:00		
Complperen:	9/30/2007 0:00:00	Enfdate:	10/26/2007 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 7 Contaminant: CHLORDANE
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 8 Contaminant: 2,4-D
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: MA3213000
 Pwsname: NORTH READING WATER DEPT.
 Retpopsrvd: 13778 Pwstypecod: C
 Void: 9 Contaminant: ENDRIN
 Viol. Type: 3
 Complperbe: 7/1/2007 0:00:00
 Complperen: 9/30/2007 0:00:00 Enfdate: 10/26/2007 0:00:00
 Enf action: State Formal NOV Issued
 Violmeasur: Not Reported

System Name: NORTH READING WATER DEPT.
 Violation Type: Follow-up and Routine Tap Sampling
 Contaminant: LEAD & COPPER RULE
 Compliance Period: 6/1/2006 0:00:00 - 12/31/2025 0:00:00
 Violation ID: 1
 Enforcement Date: 10/23/2006 0:00:00 Enf. Action: State Formal NOV Issued

System Name: NORTH READING WATER DEPT.
 Violation Type: MCL, Monthly (TCR)
 Contaminant: COLIFORM (TCR)
 Compliance Period: 1995-11-01 - 1995-11-30
 Violation ID: 9600001V
 Enforcement Date: 1995-11-30 Enf. Action: State Public Notif Requested

CONTACT INFORMATION:

Name: NORTH READING WATER DEPT. Population: 13778
 Contact: MARK E CLARK Phone: Not Reported
 Address: 235 NORTH ST - MURPHY CTR.
 Address 2: NORTH READING
 MA, 01 97835

4
SSW
1/4 - 1/2 Mile
Lower

MA WELLS MA7000000004670

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	2875		
Fac name:	Not Reported		
Address:	Not Reported		
Town:	NORTH READING	Region:	3
Rtn:	Not Reported	Hw id:	Not Reported
Sw id:	Not Reported		
Sseis id:	0		
Npdes id:	Not Reported	Air:	Not Reported
Gwd:	Not Reported	Hwr:	Not Reported
Lqg ma:	Not Reported	Lqg rcra:	Not Reported
Lqtu:	Not Reported	Tsdf:	Not Reported
Swd:	Not Reported		
Fac id:	0		
Source id:	3213000-01G	Site name:	RAILROAD BED WELLS
Latitude:	42.57788193		
Longitude:	-71.1311601		
Type:	GW	Zii num:	351
Pws id:	3213000	Site id:	MA7000000004670

Objectid:	2875		
Source id:	3213000-01G		
Base Map:	Digitized on screen using digital orthophoto base map (DOQ)		
L acc est:	Estimated horizontal accuracy is +L 100ft (30.5m)		Pump House associated with PWS
L meth:	PHO		
L src 1:	MassGIS 1:5,000 digital orthophotography		
L src 2:	Not Reported		
L src 3:	Not Reported		

Objectid:	3021		
Source id:	3213000-01G	Pws name:	NORTH READING WATER DEPT.
S name:	RAILROAD BED WELLS	Pws status:	A
S status:	A	Pws class:	Community surface and groundwater sources
S availabi:	ACTIVE		

Objectid:	1014		
Town:	NORTH READING	Wellname:	RAILROAD BED WELLFIELD
Purveyor:	NORTH READING WATER DEPT	Basin:	IPSWICH
Region:	Northeast	Method:	ANALYTICAL
Aquifer:	UNCONFINED	Prg:	TA
Sub date:	01-NOV-97	App date:	23-DEC-97
Gpm:	350	Status:	Current
System:	Community	Whp cntrl:	Not Reported
Bylaw date:	Not Reported	Source id:	3213000-01G
Zii num:	351		

**A5
SW
1/4 - 1/2 Mile
Lower**

MA WELLS MA7000000004672

Objectid:	1106		
Fac name:	Not Reported		
Address:	Not Reported		
Town:	WILMINGTON	Region:	3
Rtn:	Not Reported	Hw id:	Not Reported
Sw id:	Not Reported		
Sseis id:	0		
Npdes id:	Not Reported	Air:	Not Reported
Gwd:	Not Reported	Hwr:	Not Reported
Lqg ma:	Not Reported	Lqg rcra:	Not Reported
Lqtu:	Not Reported	Tsdf:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Swd:	Not Reported		
Fac id:	0		
Source id:	3342000-08G	Site name:	SALEM ST. WELLFIELD
Latitude:	42.57851419		
Longitude:	-71.13269807		
Type:	GW	Zii num:	150
Pws id:	3342000	Site id:	MA7000000004672
Objectid:	1106		
Source id:	3342000-08G		
Base Map:	Not applicable (NA)		
L acc est:	Estimated horizontal accuracy is ± 19 feet (30.5m)	Approximate center of a well field	
L meth:	Feature located using GPS: Unspecified Device; DGPS Unknown		
L src 1:	SV		
L src 2:	Not Reported		
L src 3:	Not Reported		
Objectid:	3304		
Source id:	3342000-08G	Pws name:	WILMINGTON WATER DEPT
S name:	SALEM ST. WELLFIELD	Pws status:	A
S status:	A	Pws class:	Community surface and groundwater sources
S availabi:	ACTIVE		
Objectid:	748		
Town:	WILMINGTON	Wellname:	SALEM STREET WELL
Purveyor:	WILMINGTON WATER DEPT.	Basin:	IPSWICH
Region:	Northeast	Method:	ANALYTICAL
Aquifer:	UNCONFINED	Prg:	TA
Sub date:	01-MAR-93	App date:	11-MAR-93
Gpm:	700	Status:	Current
System:	Community	Whp cntrl:	No
Bylaw date:	Not Reported	Source id:	3342000-08G
Zii num:	150		

A6
SW
1/4 - 1/2 Mile
Lower

FED USGS USGS40000477873

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-423442071080201		
Monloc name:	MA-XMW 450		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.5784268
Longitude:	-71.1333887	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	Not Reported		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

7
ENE
1/2 - 1 Mile
Lower

MA WELLS MA7000000004720

Objectid:	483		
Fac name:	VALVOLINE INSTANT OIL CHANGE		
Address:	216 MAIN ST		
Town:	NORTH READING	Region:	3
Rtn:	Not Reported	Hw id:	MAD985276567
Sw id:	Not Reported		
Sseis id:	0		
Npdes id:	Not Reported	Air:	Not Reported
Gwd:	Not Reported	Hwr:	Not Reported
Lqg ma:	Y	Lqg rcra:	Not Reported
Lqtu:	Not Reported	Tsdf:	Not Reported
Swd:	Not Reported		
Fac id:	38000		
Source id:	Not Reported	Site name:	Not Reported
Latitude:	0		
Longitude:	0		
Type:	Not Reported	Zii num:	0
Pws id:	Not Reported	Site id:	MA7000000004720

Objectid:	1210
Base Map:	Digitized on screen using digital orthophoto base map (DOQ)
L acc est:	Estimated horizontal accuracy is+/-100 ft (30.5m)
L type:	CB
L meth:	OTH
L src 1:	KNOW
L src 2:	Not Reported
L src 3:	Not Reported
L date:	04-NOV-98
Fac id:	38000

8
NE
1/2 - 1 Mile
Lower

Site ID:	3-0002881	AQUIFLOW	4817
Groundwater Flow:	VARIES		
Water Table Depth:	Shallowest: 2.41 ft. Deepest: 3.02 ft.		
Date:	02/16/1990		

B9
West
1/2 - 1 Mile
Lower

MA WELLS MA7000000004696

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	248		
Fac name:	Not Reported		
Address:	Not Reported		
Town:	WILMINGTON	Region:	3
Rtn:	Not Reported	Hw id:	Not Reported
Sw id:	Not Reported		
Sseis id:	0		
Npdes id:	Not Reported	Air:	Not Reported
Gwd:	Not Reported	Hwr:	Not Reported
Lqg ma:	Not Reported	Lqg rcra:	Not Reported
Lqtu:	Not Reported	Tsdf:	Not Reported
Swd:	Not Reported		
Fac id:	0		
Source id:	3342000-01G	Site name:	BROWNS CROSSING WELLFIELD
Latitude:	42.58260013		
Longitude:	-71.14620665		
Type:	GW	Zii num:	150
Pws id:	3342000	Site id:	MA7000000004696

Objectid:	248		
Source id:	3342000-01G		
Base Map:	Digitized on screen using digital orthophoto base map (DOQ)		
L acc est:	Estimated horizontal accuracy is ±100ft (30.5m)		Approximate center of a well field
L meth:	PHO		
L src 1:	MassGIS 1:5,000 digital orthophotography		
L src 2:	SV		
L src 3:	Not Reported		

Objectid:	3297		
Source id:	3342000-01G	Pws name:	WILMINGTON WATER DEPT
S name:	BROWNS CROSSING WELLFIELD	Pws status:	A
S status:	A	Pws class:	Community surface and groundwater sources
S availabi:	ACTIVE		

Objectid:	638		
Town:	WILMINGTON	Wellname:	BROWN'S CROSSING WFD.
Purveyor:	WILMINGTON WATER DEPT.	Basin:	IPSWICH
Region:	Northeast	Method:	ANALYTICAL
Aquifer:	UNCONFINED	Prg:	TA
Sub date:	01-MAR-93	App date:	11-MAR-93
Gpm:	1076	Status:	Current
System:	Community	Whp cntrl:	No
Bylaw date:	Not Reported	Source id:	3342000-01G
Zii num:	150		

**C10
North
1/2 - 1 Mile
Lower**

FED USGS USGS40000478294

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-423544071075201		
Monloc name:	MA-N3W 233		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.5956488
Longitude:	-71.1306112	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B11
West
1/2 - 1 Mile
Lower

FED USGS USGS40000477948

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-423456071085001		
Monloc name:	MA-XMW 113		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01070002	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.5823156
Longitude:	-71.1467224	Sourcemap scale:	Not Reported
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	61
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B12
West
1/2 - 1 Mile
Lower

FED USGS USGS40000477947

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-423456071080201		
Monloc name:	MA-XMW 131		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.5823156
Longitude:	-71.1467224	Sourcemap scale:	25000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	80
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Sand and gravel aquifers (glaciated regions)		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	192507	Welldepth:	54
Welldepth units:	ft	Wellholedepth:	54
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**C13
North
1/2 - 1 Mile
Lower**

MA WELLS MA7000000004769

Objectid:	2926		
Fac name:	Not Reported		
Address:	Not Reported		
Town:	NORTH READING	Region:	3
Rtn:	Not Reported	Hw id:	Not Reported
Sw id:	Not Reported		
Sseis id:	0		
Npdes id:	Not Reported	Air:	Not Reported
Gwd:	Not Reported	Hwr:	Not Reported
Lqg ma:	Not Reported	Lqg rcra:	Not Reported
Lqtu:	Not Reported	Tsdf:	Not Reported
Swd:	Not Reported		
Fac id:	0		
Source id:	3213000-02G	Site name:	LAKESIDE BLVD. WELL # 2
Latitude:	42.59637533		
Longitude:	-71.13021207		
Type:	GW	Zii num:	351
Pws id:	3213000	Site id:	MA7000000004769

Objectid:	2926		
Source id:	3213000-02G		
Base Map:	Digitized on screen using digital orthophoto base map (DOQ)		
L acc est:	Estimated horizontal accuracy is +1.100ft (30.5m)		Pump House associated with PWS
L meth:	PHO		
L src 1:	MassGIS 1:5,000 digital orthophotography		
L src 2:	Not Reported		
L src 3:	Not Reported		

Objectid:	3022		
Source id:	3213000-02G	Pws name:	NORTH READING WATER DEPT.
S name:	LAKESIDE BLVD. WELL # 2	Pws status:	A
S status:	A	Pws class:	Community surface and groundwater sources
S availabi:	ACTIVE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	1011	Wellname:	LAKESIDE WELL #2
Town:	NORTH READING	Basin:	IPSWICH
Purveyor:	NORTH READING WATER DEPT	Method:	ANALYTICAL
Region:	Northeast	Prg:	TA
Aquifer:	UNCONFINED	App date:	23-DEC-97
Sub date:	01-NOV-97	Status:	Current
Gpm:	625*	Whp cntrl:	Not Reported
System:	Community	Source id:	3213000-02G
Bylaw date:	Not Reported		
Zii num:	351		

C14
North
1/2 - 1 Mile
Lower

FED USGS USGS40000481151

Org. Identifier:	USGS-NH	
Formal name:	USGS New Hampshire Water Science Center	
Monloc Identifier:	USGS-423548071074901	
Monloc name:	MA-N3W 234	
Monloc type:	Well	
Monloc desc:	GWSI data verified by J. Ayotte on	
Huc code:	01090001	Drainagearea value: Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea: Not Reported
Contrib drainagearea units:	Not Reported	Latitude: 42.5965528
Longitude:	-71.1303028	Sourcemap scale: 25000
Horiz Acc measure:	.1	Horiz Acc measure units: seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected	
Horiz coord refsys:	NAD83	Vert measure val: 93
Vert measure units:	feet	Vertacc measure val: 10
Vert accmeasure units:	feet	
Vertcollection method:	Global Positioning System	
Vert coord refsys:	NGVD29	Countrycode: US
Aquifername:	Sand and gravel aquifers (glaciated regions)	
Formation type:	Stratified Deposits, Undifferentiated	
Aquifer type:	Unconfined single aquifer	
Construction date:	19841130	Welldepth: 59
Welldepth units:	ft	Wellholedepth: 59
Wellholedepth units:	ft	

Ground-water levels, Number of Measurements: 0

C15
North
1/2 - 1 Mile
Lower

MA WELLS MA7000000004771

Objectid:	373		
Fac name:	Not Reported		
Address:	Not Reported		
Town:	NORTH READING	Region:	3
Rtn:	Not Reported	Hw id:	Not Reported
Sw id:	Not Reported		
Sseis id:	0		
Npdes id:	Not Reported	Air:	Not Reported
Gwd:	Not Reported	Hwr:	Not Reported
Lqg ma:	Not Reported	Lqg rcra:	Not Reported
Lqtu:	Not Reported	Tsdf:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Swd:	Not Reported		
Fac id:	0		
Source id:	3213000-07G	Site name:	LAKESIDE BLVD. WELL # 4
Latitude:	42.5966302		
Longitude:	-71.13038611		
Type:	GW	Zii num:	351
Pws id:	3213000	Site id:	MA7000000004771

Objectid:	373		
Source id:	3213000-07G		
Base Map:	Digitized on screen using digital orthophoto base map (DOQ)		
L acc est:	Estimated horizontal accuracy is +L 19.0ft (30.5m)		Pump House associated with PWS
L meth:	PHO		
L src 1:	MassGIS 1:5,000 digital orthophotography		
L src 2:	Not Reported		
L src 3:	Not Reported		

Objectid:	3027		
Source id:	3213000-07G	Pws name:	NORTH READING WATER DEPT.
S name:	LAKESIDE BLVD. WELL # 4	Pws status:	A
S status:	A	Pws class:	Community surface and groundwater sources
S availabi:	ACTIVE		

Objectid:	1013		
Town:	NORTH READING	Wellname:	LAKESIDE WELL #4
Purveyor:	NORTH READING WATER DEPT	Basin:	IPSWICH
Region:	Northeast	Method:	ANALYTICAL
Aquifer:	UNCONFINED	Prg:	TA
Sub date:	01-NOV-97	App date:	23-DEC-97
Gpm:	****	Status:	Current
System:	Community	Whp cntrl:	Not Reported
Bylaw date:	Not Reported	Source id:	3213000-07G
Zii num:	351		

**16
SW
1/2 - 1 Mile
Lower**

FED USGS USGS40000477768

Org. Identifier:	USGS-MA		
Formal name:	USGS Massachusetts Water Science Center		
Monloc Identifier:	USGS-423423071083701		
Monloc name:	MA-XMW 417		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	01090001	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	42.5731491
Longitude:	-71.1431111	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	Not Reported		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

17
North
1/2 - 1 Mile
Lower

MA WELLS MA7000000004772

Objectid:	2199		
Fac name:	Not Reported		
Address:	Not Reported		
Town:	NORTH READING	Region:	3
Rtn:	Not Reported	Hw id:	Not Reported
Sw id:	Not Reported		
Sseis id:	0		
Npdes id:	Not Reported	Air:	Not Reported
Gwd:	Not Reported	Hwr:	Not Reported
Lqg ma:	Not Reported	Lqg rcra:	Not Reported
Lqtu:	Not Reported	Tsdf:	Not Reported
Swd:	Not Reported		
Fac id:	0		
Source id:	3213000-03G	Site name:	LAKESIDE BLVD. WELL # 3
Latitude:	42.59675787		
Longitude:	-71.13036937		
Type:	GW	Zii num:	351
Pws id:	3213000	Site id:	MA7000000004772

Objectid:	2199		
Source id:	3213000-03G		
Base Map:	Digitized on screen using digital orthophoto base map (DOQ)		
L acc est:	Estimated horizontal accuracy is +/- 100ft (30.5m)		Pump House associated with PWS
L meth:	PHO		
L src 1:	MassGIS 1:5,000 digital orthophotography		
L src 2:	Not Reported		
L src 3:	Not Reported		

Objectid:	3023		
Source id:	3213000-03G	Pws name:	NORTH READING WATER DEPT.
S name:	LAKESIDE BLVD. WELL # 3	Pws status:	A
S status:	A	Pws class:	Community surface and groundwater sources
S availabi:	ACTIVE		

Objectid:	1012		
Town:	NORTH READING	Wellname:	LAKESIDE WELL #3
Purveyor:	NORTH READING WATER DEPT	Basin:	IPSWICH
Region:	Northeast	Method:	ANALYTICAL
Aquifer:	UNCONFINED	Prg:	TA
Sub date:	01-NOV-97	App date:	23-DEC-97
Gpm:	****	Status:	Current
System:	Community	Whp cntrl:	Not Reported
Bylaw date:	Not Reported	Source id:	3213000-03G
Zii num:	351		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MA Radon

Radon Test Results

County	% of sites > 4 pCi/L	Median
MIDDLESEX	26	2.2

Federal EPA Radon Zone for MIDDLESEX 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.

Federal Area Radon Information for Zip Code: 01864

Number of sites tested: 5

Area	Average Activity	% < 4 pCi/L	% 4-20 pCi/L	% > 20 pCi/L
Living Area - 1st Floor	0.000 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	18.840 pCi/L	40%	20%	40%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county 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

Public Water Supply Database: 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.

OTHER STATE DATABASE INFORMATION

Areas of Critical Environmental Concern Datalayer: 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 Datalayer: 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 a EPA hydrogeologist.

Aquifers Datalayer: 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: 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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

DEP Approved Zone IIs Datalayer: The Department of Environmental Protection (DEP) approved Zone IIs datalayer was compiled by the DEP Division of Water Supply (DWS). The database contains 281 approved Zone IIs statewide. As stated in 310 CMR 22.02, a Zone II is "that area of an aquifer which contributes water to a well under the most severe pumping and recharge conditions that can be realistically anticipated (180 days of pumping at safe yield, with no recharge from precipitation.) It is bounded by the groundwater divides which result from pumping the well and by the contact of the aquifer with less permeable materials such as till or bedrock. In some cases, streams or lakes may act as recharge boundaries. In all cases, Zone IIs shall extend up gradient to its point of intersection with prevailing hydrogeologic boundaries (a groundwater flow divide, a contact with till or bedrock, or a recharge boundary)." These data are used in association with the Public Water Supplies datalayer. The following describes certain unique features of this association.

- Any proposed new well which will pump at least 100,000 gallons per day must have a Zone II delineation completed and approved by DEP prior to the well coming on line.
- Additionally, a new source may not be on-line yet, but other, older wells may fall within its Zone II boundary.
- Further, existing wells must have a Zone II delineated as a condition of receiving a water withdrawal permit under the Water Management Act.

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

STREET AND ADDRESS INFORMATION

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APPENDIX D

Environmental Lien Report

JT Berry Property

Lowell Road
North Reading, MA 01864

Inquiry Number: 4119124.2
November 17, 2014

The EDR Environmental LienSearch™



6 Armstrong Road,
Fourth Floor
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

JT BERRY PROPERTY
LOWELL ROAD
NORTH READING, MA 01864

RESEARCH SOURCE

Source : Assessor
Middlesex County, Massachusetts

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Release Deed
Title is vested in:	Lincoln North Reading LLC
Deed Dated:	February 14, 2007
Deed Recorded:	February 20, 2007
Book:	49004
Page:	394

Legal Description:	Attached as Deed Exhibit
Legal Current Owner:	Lincoln North Reading LLC
Property Identifiers:	007-0002-0 and 014-0148-0

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found

COMMENTS: Restrictions noted within current deed attached as Deed Exhibit. Declaration of Wastewater Easements, Covenants, Conditions and Restrictions recorded February 20, 2007 at Book 49004, Page 418 and Conservation restriction recorded November 7, 2008 at Book 51877, Page 468. Copies attached as AUL Exhibit.

EDR Environmental LienSearch™ Report

DEED EXHIBIT



Bk: 49004 Pg: 394 Doc: DEED
Page: 1 of 5 02/20/2007 08:57 AM

Handwritten initials: CS

Handwritten number: 51

Prepared by and upon recording return to:
Jonathan M. Cosco, Esq.
Mintz Levin Cohn Ferris Glovsky and Popeo, P.C.
One Financial Center
Boston, MA 02111
Total Number of Pages: 5

THE COMMONWEALTH OF MASSACHUSETTS

RELEASE DEED

The COMMONWEALTH OF MASSACHUSETTS (the "Commonwealth"), through its Division of Capital Asset Management and Maintenance, acting under the authority of Chapter 271 of the Massachusetts Acts of 1998, as amended by Chapter 7 of the Acts of 2001 (together, the "Acts"), for consideration of Eight Million and 00/100 Dollars (\$8,000,000.00) paid, the receipt and sufficiency of which is hereby acknowledged, does hereby release and convey to LINCOLN NORTH READING LLC, a Delaware limited liability company, with a mailing address c/o Lincoln Property Company, 483 Boston Post Road, Suite 5, Weston, MA 02493 (the "Grantee"), all of its right, title and interest in and to the land with the improvements thereon (the "Land") located in the Town of North Reading, Middlesex County, Massachusetts, shown as Lot C on that certain plan entitled "Approval Not Required Plan of Land, Lowell Road (Route 62), North Reading, Massachusetts" dated as of June 13, 2006, prepared by Chas. H. Sells, Inc., recorded at the Middlesex South Registry of Deeds herewith, and being more particularly bounded and described as set forth on Exhibit A attached hereto.

Unnumbered Parcel, Lowell Road, North Reading

For Grantor's title, see the deed dated April 30, 1908 recorded with the Middlesex North Registry of Deeds in Book 479, Page 132 and with the Middlesex South Registry of Deeds in Book 3365, Page 123.

The Land is subject to the following restrictions: No portion of the Land shall be used for the purposes of constructing or operating an incinerator, landfill or other means of permanent disposal of solid waste or hazardous waste, or for constructing or operating a house of correction, jail or prison. Pursuant to Massachusetts General Laws Chapter 184, Section 26, the restrictions set forth in the preceding sentence are exempt from the provisions of Massachusetts General Laws Chapter 184, Sections 26 through 30.

By acceptance of this deed, Grantee accepts the Land as is, without any representations or warranties, express or implied, of the Commonwealth, as to the condition thereof.

No documentary stamps are affixed hereto because the Commonwealth is exempt from such requirement under applicable law.

EXECUTED as a sealed instrument the 14th day of February, 2007.

COMMONWEALTH OF MASSACHUSETTS,
acting through its Division of Capital Asset
Management and Maintenance



David B. Perini, Commissioner
Division of Capital Asset Management and
Maintenance

The undersigned certifies under the penalties of perjury that I have fully complied with the provisions of Sections 40F½ and 40H of the Massachusetts General Laws Chapter 7 and Chapter 271 of the Massachusetts Acts of 1998, as amended by Chapter 7 of the Acts of 2001, in connection with the property described herein.



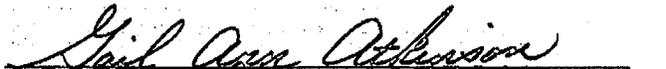
David B. Perini, Commissioner
Division of Capital Asset Management and
Maintenance

Date: 2/14/07

COMMONWEALTH OF MASSACHUSETTS

Suffolk County, ss.

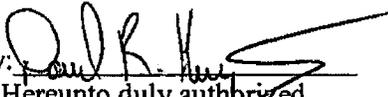
On this 14th day of February, 2007, before me, the undersigned Notary Public, personally appeared the above-named David B. Perini, Commissioner of the Massachusetts Division of Capital Asset Management and Maintenance, proved to me by satisfactory evidence of identification, being (check whichever applies): driver's license or other state or federal governmental document bearing a photographic image, oath or affirmation of a credible witness known to me who knows the above signatory, or my own personal knowledge of the identity of the signatory, to be the person whose name is signed above, and acknowledged the foregoing to be signed by him voluntarily for its stated purpose, on behalf of the Commonwealth of Massachusetts.



(Print Name of Notary Public) Carol Ann Atkinson
My commission expires: Sept 13, 2011

APPROVED AS TO FORM:

ATTORNEY GENERAL of the
Commonwealth of Massachusetts

By: 
Hereunto duly authorized

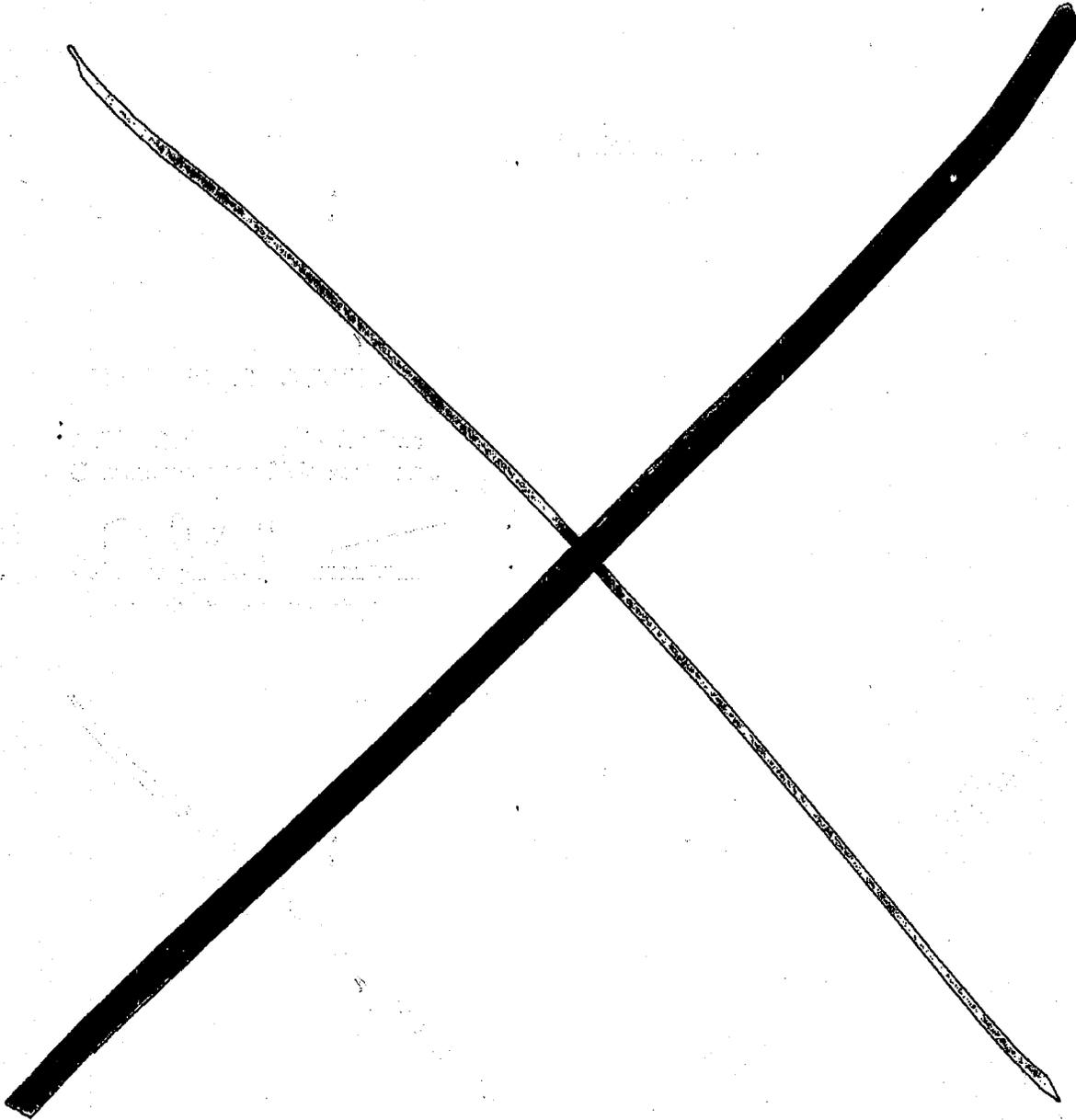


EXHIBIT A

Legal Description

The parcel shown as "Lot C" on that certain plan entitled "Approval Not Required Plan of Land for Lowell Road, Route 62, North Reading, Massachusetts" prepared for Commonwealth of Massachusetts by Chas. E. Sells, Inc. dated June 13, 2006, Scale 1"=160' and recorded in Middlesex South County Registry of Deeds herewith. Lot C is more particularly described as follows:

A certain parcel of land located in the Town of North Reading, County of Middlesex, Massachusetts situated southerly of Route 62.

Beginning at the northwestern corner of the parcel herein described at a point on the southern sideline of Route 62 at other land now or formerly owned by the Commonwealth of Massachusetts; thence,

Along the southern sideline of Route 62 the following 6 courses:

S 84° 13' 04" E twenty four and 76/100 feet (24.76') to a point,

S 87° 36' 04" E three hundred and forty-one and 91/100 feet (341.91') to a point,

S 85° 02' 04" E one hundred and twenty-nine and 02/100 feet (129.02') to a point,

By a curve to the left having a radius of five hundred and four and 90/100 feet (504.90') a length of one hundred and twenty and 21/100 feet (120.21') to a point,

N 81° 19' 26" E two hundred and ten and 58/100 feet (210.58') to a point,

By a curve to the right having a radius of three hundred and seventy-three and 53/100 feet (373.53') a length of one hundred and sixty-two and 03/100 feet (162.03') to land of the Town of North Reading; thence,

Along land of the Town of North Reading the following three courses:

S 70° 15' 22" W three hundred and twenty-six and 96/100 feet (326.96') to a point,

S 43° 28' 37" E one hundred and seventy-five and 50/100 feet (175.50') to a point,

S 21° 52' 37" E eight hundred and fifty-six and 52/100 feet (856.52') to land of Brett R. Johnson and David M. McSweeney; thence,

Along land of the Brett R. Johnson and David M. McSweeney S 31° 16' 03" W three hundred and ninety and 90/100 feet (390.90') to land of the Town of North Reading; thence,

Along land of the Town of North Reading and Contemporary Realty Trust S 78° 43' 24" W nine hundred and sixty and 11/100 feet (960.11') to a point; thence,

Continuing along land of Contemporary Realty Trust S 19° 08' 58" E three hundred and fifty-six feet more or less (356' +/-) to the center of Martins Brook; thence,

Along the centerline of Martins Brook three hundred and ninety-seven feet more or less (397' +/-) to land of the United Postal Service and the center of a ditch; thence,

Along the centerline of a ditch and along lands of the United Postal Service, New England Power Company, and the Town of North Reading five hundred and ninety-one feet more or less (591' +/-) to a point at the end of the ditch; thence,

Continuing along land of the Town of North Reading the following two courses:

N 66° 36' 33" W two hundred and two and 91/100 feet more or less (202.91') to a point,

N 23° 16' 02" E thirty feet more or less (30' +/-) to the center of Martins Brook, thence

Continuing along land of the Commonwealth of Massachusetts N 1°35' 29" W one thousand four hundred and sixty and 46/100 feet (1,460.46) to other land of the owner, thence

Continuing along other land now or formerly owned by Commonwealth of Massachusetts the following three courses:

N 88° 18' 00" E one hundred and ninety-seven and 88/100 feet (197.88') to a point, thence

N 62° 09' 28" E two hundred and forty-nine and 60/100 feet (249.60') to a point, thence

N 01° 42' 00" W one hundred and fifty-seven and 52/100 feet (157.52') to a point on the southerly sideline of route 62 and the point of beginning.

The above-described parcel of land, containing a total of 2,080,335± square feet or 47.78± acres, more or less.


Attest. Middlesex S. Register

EDR Environmental LienSearch™ Report

AUL EXHIBIT

Upon Recording Return to

Lawrence F. Scofield, Vice President
First American Title Insurance Company
20 Burlington Mall Road
Burlington, MA 01803



Bk: 49004 Pg: 418 Doc: AGR
Page: 1 of 44 02/20/2007 08:57 AM

*OK per C-LLH
EW*

DECLARATION OF WASTEWATER EASEMENTS,
COVENANTS, CONDITIONS AND RESTRICTIONS

THIS DECLARATION OF WASTEWATER EASEMENTS, COVENANTS,

CONDITIONS AND RESTRICTIONS (this "Agreement") is made and entered into as of the

date of the last execution hereof, which date is the 14th day of February, 2007, by and

among the Commonwealth of Massachusetts (together with its successors and assigns, the

"Commonwealth") acting by and through its Division of Capital Asset Management and

Maintenance ("DCAM"), Lincoln North Reading LLC, a Delaware limited liability company

(together with its successors and assigns "Lincoln"), and the Town of North Reading,

Massachusetts, a municipal corporation of the Commonwealth of Massachusetts ("Town") (each

of the foregoing shall be referred to herein individually as a "Party" and sometimes collectively

as the "Parties");-

W I T N E S S E T H :

WHEREAS, the Commonwealth is the owner of that certain tract of land (the
"Commonwealth Property") located on Lowell Road in North Reading, Massachusetts, as more

particularly described on Exhibit A attached hereto, which, together with the "Lincoln Property,"

as defined in the next paragraph, is collectively commonly known as the JT Berry Center

(collectively, the "Center" or "Site") and shown on the plan referenced in Exhibit B, both of

which Exhibits are made by this reference a part hereof; and

Berry Center, Lowell Street, No. Reading

17



THE RESIDENCES AT MARTINS BROOK

CONSERVATION RESTRICTION COVERING
BERRY CENTER RESIDENTIAL SMART GROWTH
OVERLAY ZONING SGA FUTURE OPEN SPACE

TO

TOWN OF NORTH READING, MASSACHUSETTS
ACTING BY AND THROUGH ITS
CONSERVATION COMMISSION

This Conservation Restriction covering Chapter 40R SGA Future Open Space (this "Conservation Restriction") is made as of October 28, 2008 by Lincoln North Reading LLC, a Delaware limited liability company, having an address of 1155 Herndon Parkway, Suite 100, Herndon, VA 22070, Attention: General Counsel (together with its successors and assigns as owner of the SGA Future Open Space, "Grantor"), to the Town of North Reading, Massachusetts, acting by and through its Conservation Commission and having an address at Town Hall, 235 North Street, North Reading, MA 01864 ("Grantee").

Background

A. Grantor is the developer of a 406-unit, multi-family residential development known as Edgewood, located at 100 Lowell Street in North Reading, Massachusetts (the "Project"). Grantor is proceeding with local permitting for the Project pursuant to M.G.L. c.40R and Article XX of the North Reading Zoning Bylaw, entitled Berry Center Residential Smart Growth Overlay Zoning (the "SGA Zoning").

B. The SGA Zoning permits Grantor to elect to designate up to 1.4 acres of the Project site as "SGA Future Open Space" under the SGA Zoning and Chapter 40R, which would result in a reduction in the area of the "Developable Land" and therefore the overall potential development under the SGA Zoning.

C. The Grantor has identified portions of the Project site, more particularly shown on the sketch plan attached hereto as Exhibit A, that because they will be used primarily for stormwater detention and drainage, and because they abut the extensive wetlands system on the Project site that borders Martins Brook, would be suitable to maintain as open space and potential wildlife habitat, and the Grantor wishes to grant a permanent Conservation Restriction to Grantee over such area, and the Grantee wishes to accept a permanent Conservation Restriction pursuant to M.G.L. c.184, Section 26(c) covering such SGA Future Open Space, all as more particularly provided below.

First American Title Comp
101 Huntington Ave
Boston, MA 02199

90
100 Lowell St North Reading
Plan # 952
+ 953 of 2008

APPENDIX E

Municipal Records

PARCEL_ID:213/014.0-0000-0148.0 MAP:014.0 BLOCK:0000 LOT:0148.0 PARCEL ADDRESS:102 LOWELL RD FY:2015

PARCEL INFORMATION Please visit the North Reading Assessors Office for Owner Information	Use-Code: 901	Sale Price: 0	Book: 00000	Road Type: F	Inspect Date: 06/30/2006
	Tax Class: E	Sale Date: 00/00/00	Page: 0000	Rd Condition: P	Meas Date: 06/30/2006
	Tot Fin Area: 0	Sale Type:	Cert/Doc:	Traffic: H	Entrance: C
	Tot Land Area: 2.49	Sale Valid:		Water: PS	Collect Id: JM
		Grantor:		Sewer: SP	Inspect Reas: R
Exempt-B/L% 100/100 Resid-B/L% / Comm-B/L% Indust-B/L% / Open Sp-B/L% /					

	LAND INFORMATION							
	NBHD CODE: 1		NBHD CLASS: 0		ZONE: IO			
	Seg	Type	Code	Method	Sq-Ft	Acres	Influ-Y/N	Value
1	P	901	A	0	1.000		200,400	
2	R	901	A	64904	1.490		11,175	
VALUATION INFORMATION								
Current Total:		211,600	Bldg:	0	Land:	211,600	MktLnd:	211,600
Prior Total:		198,500	Bldg:	0	Land:	198,500	MktLnd:	198,500
SKETCH	PHOTO <div style="border: 1px solid gray; padding: 20px; text-align: center; font-size: 2em; font-weight: bold;"> No Picture Available </div>							

PARCEL_ID:213/007.0-0000-0002.0 MAP:007.0 BLOCK:0000 LOT:0002.0 PARCEL ADDRESS:104 LOWELL RD FY:2015

PARCEL INFORMATION Please visit the North Reading Assessors Office for Owner Information	Use-Code: 901	Sale Price: 0	Book: 00000	Road Type: F	Inspect Date: 06/30/2006
	Tax Class: E	Sale Date: 00/00/00	Page: 0000	Rd Condition: P	Meas Date: 06/30/2006
	Tot Fin Area: 0	Sale Type:	Cert/Doc:	Traffic: M	Entrance: C
	Tot Land Area: 34.21	Sale Valid:		Water: PS	Collect Id: JM
		Grantor:		Sewer: SP	Inspect Reas: R
Exempt-B/L% 100/100 Resid-B/L% / Comm-B/L% Indust-B/L% / Open Sp-B/L% /					

	LAND INFORMATION							
	NBHD CODE: 1		NBHD CLASS: 0		ZONE: IO			
	Seg	Type	Code	Method	Sq-Ft	Acres	Influ-Y/N	Value
1	P	901	A	43560	1.000		200,400	
2	R	130	A	1446628	33.210		249,075	
VALUATION INFORMATION								
Current Total:		449,500	Bldg:	0	Land:	449,500	MktLnd:	449,500
Prior Total:		436,400	Bldg:	0	Land:	436,400	MktLnd:	436,400
SKETCH	PHOTO <div style="border: 1px solid gray; padding: 20px; text-align: center; font-size: 2em; font-weight: bold;"> No Picture Available </div>							

APPENDIX F

Sanborn® Fire Insurance Maps



JT Berry Property

LOWELL RD

North Reading, MA 01864

Inquiry Number: 4114514.3

October 23, 2014

Certified Sanborn® Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

10/23/14

Site Name:

JT Berry Property
LOWELL RD
North Reading, MA 01864

Client Name:

Weston and Sampson
5 Centennial Drive
Peabody, MA 01960

EDR Inquiry # 4114514.3

Contact: Joe Spencer



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Weston and Sampson Engineers were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: JT Berry Property
Address: LOWELL RD
City, State, Zip: North Reading, MA 01864
Cross Street:
P.O. # NA
Project: JT Berry Property
Certification # 5201-4C63-A1CF



Sanborn® Library search results
Certification # 5201-4C63-A1CF

UNMAPPED PROPERTY

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

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

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APPENDIX G

Historical Topographic Maps



JT Berry Property

LOWELL RD

North Reading, MA 01864

Inquiry Number: 4114514.4

October 24, 2014

EDR Historical Topographic Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

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

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

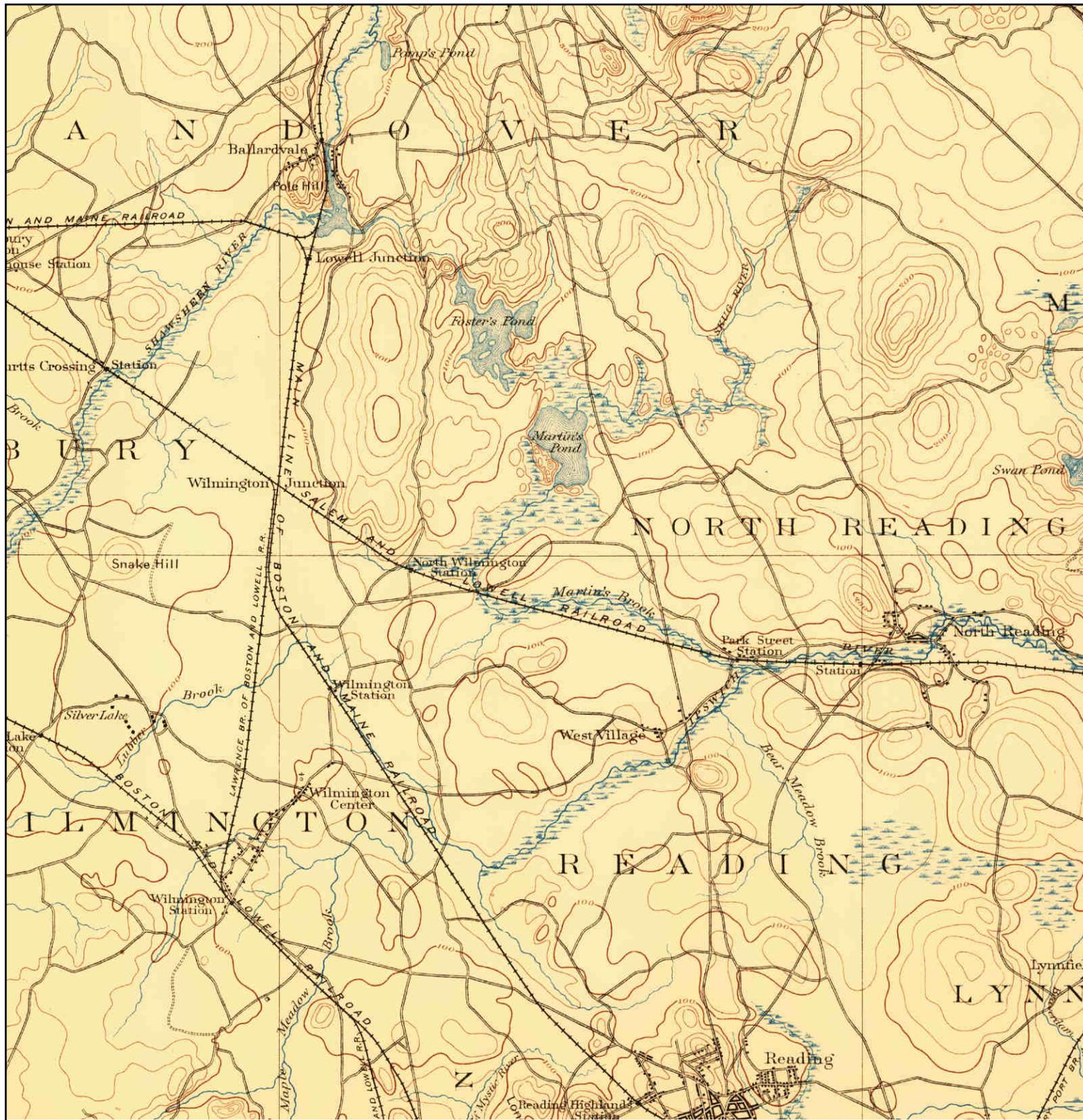
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Historical Topographic Map



	TARGET QUAD NAME: LAWRENCE MAP YEAR: 1888	SITE NAME: JT Berry Property ADDRESS: LOWELL RD North Reading, MA 01864 LAT/LONG: 42.5825 / -71.1285	CLIENT: Weston and Sampson Engineers CONTACT: Joe Spencer INQUIRY#: 4114514.4 RESEARCH DATE: 10/24/2014
	SERIES: 15 SCALE: 1:62500		

Historical Topographic Map



 N	TARGET QUAD	SITE NAME: JT Berry Property	CLIENT: Weston and Sampson Engineers	
	NAME: LAWRENCE	ADDRESS: LOWELL RD	CONTACT: Joe Spencer	
	MAP YEAR: 1893	LAT/LONG: 42.5825 / -71.1285	INQUIRY#: 4114514.4	RESEARCH DATE: 10/24/2014
	SERIES: 15			
	SCALE: 1:62500			

Historical Topographic Map



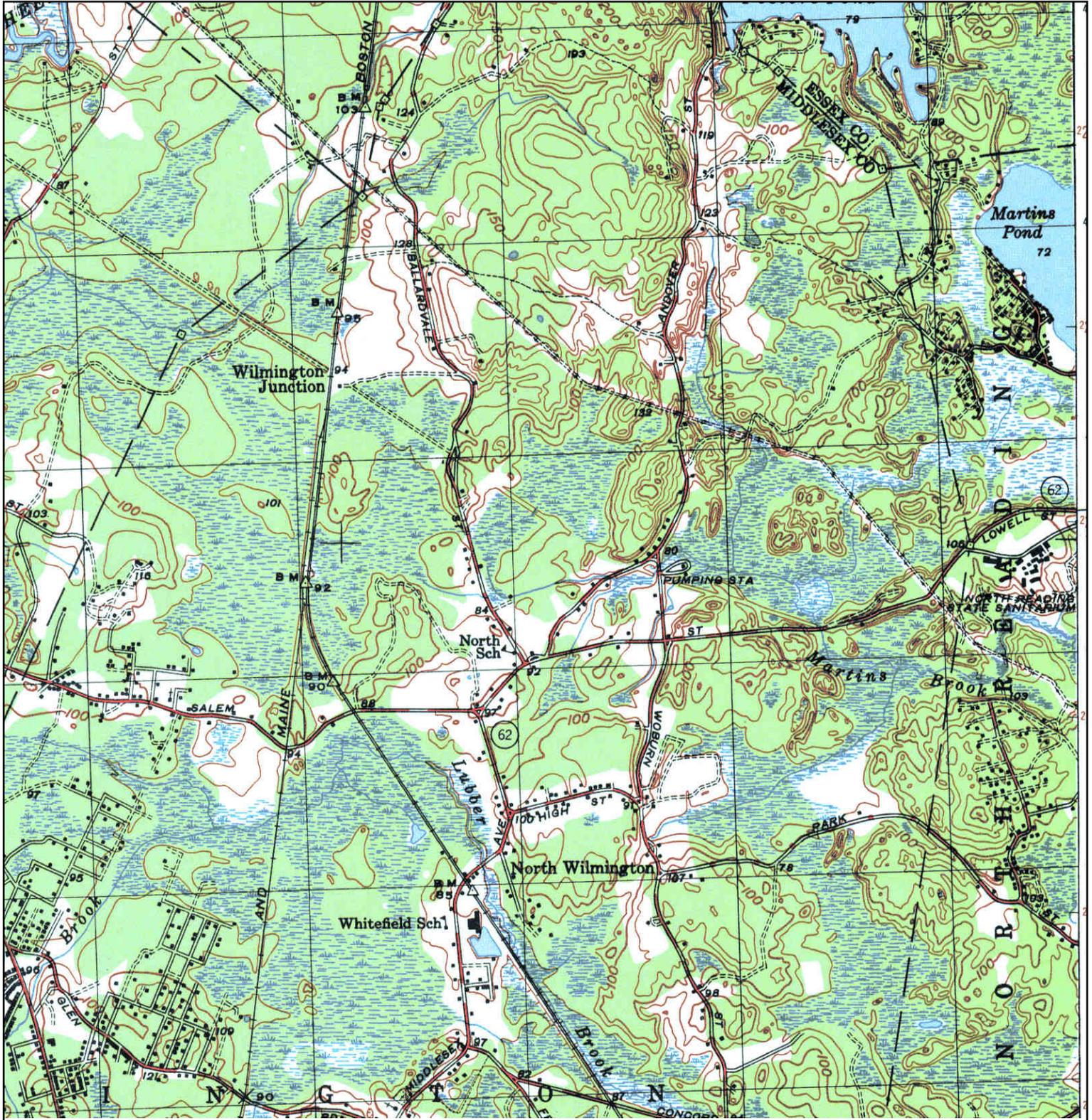
	TARGET QUAD	SITE NAME: JT Berry Property	CLIENT: Weston and Sampson Engineers
	NAME: LAWRENCE	ADDRESS: LOWELL RD North Reading, MA 01864	CONTACT: Joe Spencer
	MAP YEAR: 1915	LAT/LONG: 42.5825 / -71.1285	INQUIRY#: 4114514.4
	SERIES: 15		RESEARCH DATE: 10/24/2014
	SCALE: 1:62500		

Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: WILMINGTON MAP YEAR: 1944</p>	<p>SITE NAME: JT Berry Property ADDRESS: LOWELL RD North Reading, MA 01864 LAT/LONG: 42.5825 / -71.1285</p>	<p>CLIENT: Weston and Sampson Engineers CONTACT: Joe Spencer INQUIRY#: 4114514.4 RESEARCH DATE: 10/24/2014</p>
	<p>SERIES: 7.5</p>		
	<p>SCALE: 1:31680</p>		

Historical Topographic Map



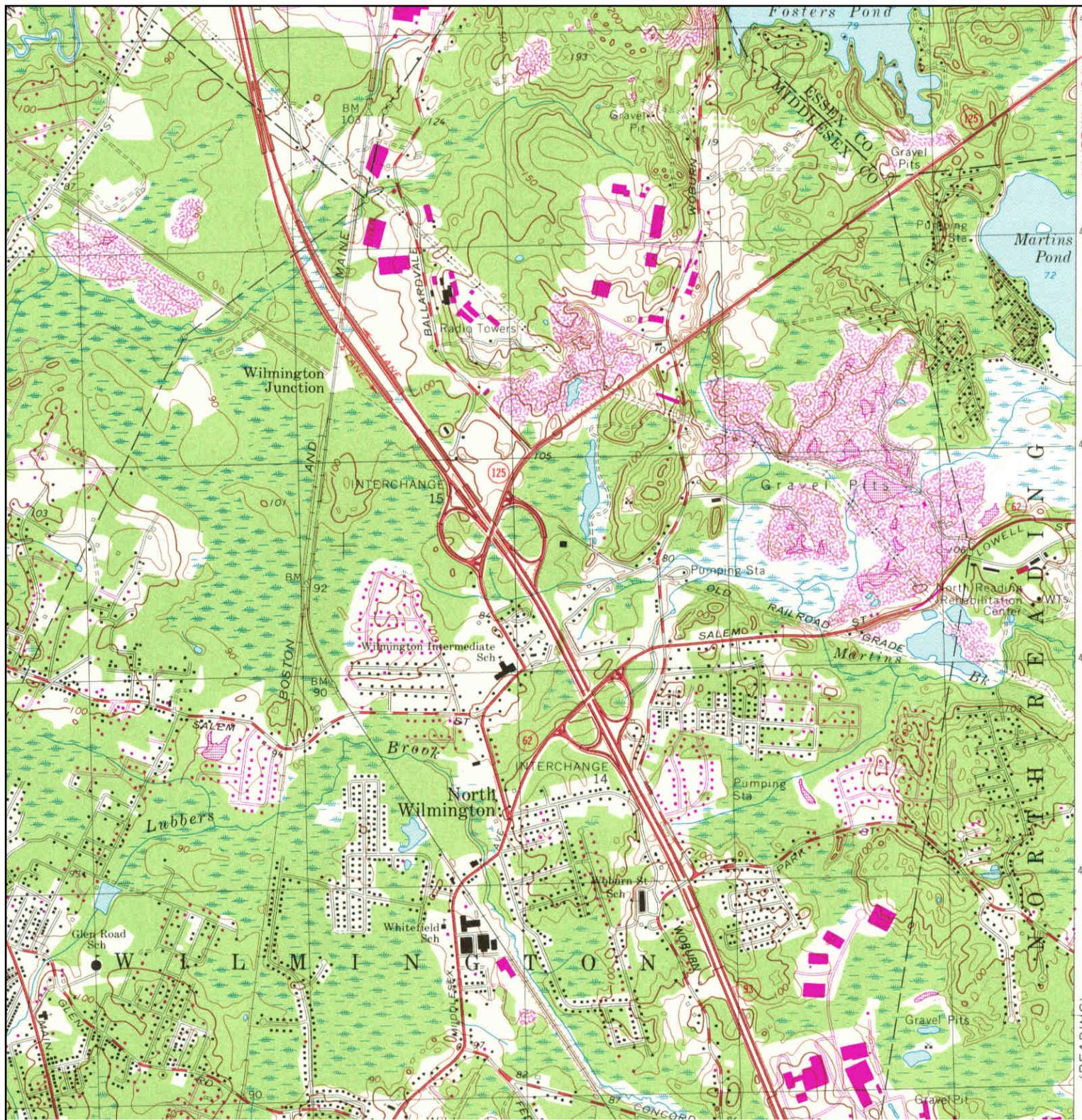
N ↑	TARGET QUAD NAME: WILMINGTON MAP YEAR: 1947	SITE NAME: JT Berry Property ADDRESS: LOWELL RD North Reading, MA 01864 LAT/LONG: 42.5825 / -71.1285	CLIENT: Weston and Sampson Engineers CONTACT: Joe Spencer INQUIRY#: 4114514.4 RESEARCH DATE: 10/24/2014
	SERIES: 7.5 SCALE: 1:25000		

Historical Topographic Map



	TARGET QUAD NAME: WILMINGTON MAP YEAR: 1965	SITE NAME: JT Berry Property ADDRESS: LOWELL RD North Reading, MA 01864 LAT/LONG: 42.5825 / -71.1285	CLIENT: Weston and Sampson Engineers CONTACT: Joe Spencer INQUIRY#: 4114514.4 RESEARCH DATE: 10/24/2014
	SERIES: 7.5 SCALE: 1:24000		

Historical Topographic Map



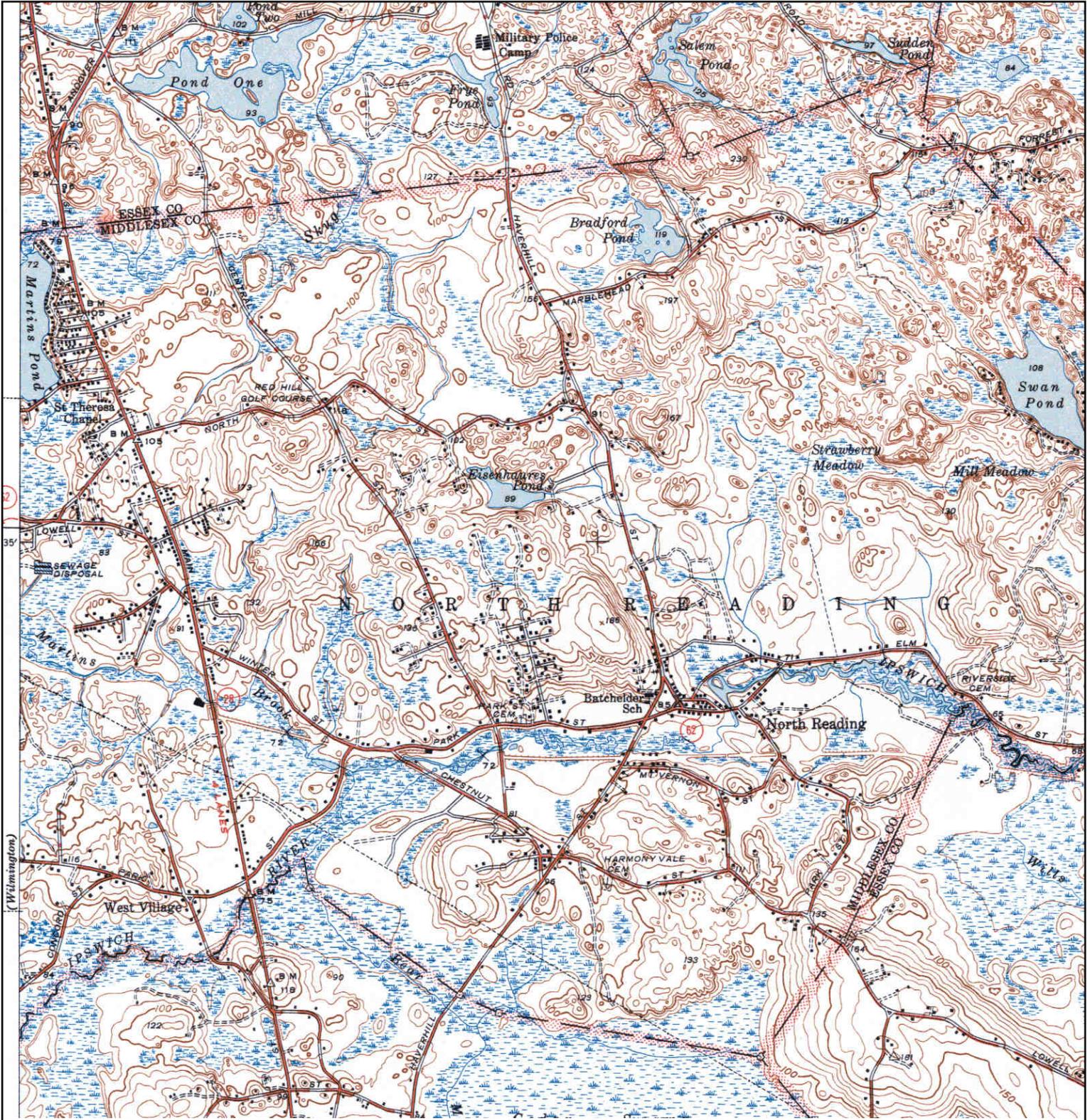
	TARGET QUAD	SITE NAME: JT Berry Property	CLIENT: Weston and Sampson Engineers
	NAME: WILMINGTON	ADDRESS: LOWELL RD	CONTACT: Joe Spencer
	MAP YEAR: 1979	North Reading, MA 01864	INQUIRY#: 4114514.4
	PHOTOREVISED FROM :1965	LAT/LONG: 42.5825 / -71.1285	RESEARCH DATE: 10/24/2014
	SERIES: 7.5		
	SCALE: 1:25000		

Historical Topographic Map



	TARGET QUAD	SITE NAME: JT Berry Property	CLIENT: Weston and Sampson Engineers
	NAME: READING	ADDRESS: LOWELL RD	CONTACT: Joe Spencer
	MAP YEAR: 1987	LAT/LONG: 42.5825 / -71.1285	INQUIRY#: 4114514.4
	SERIES: 7.5		RESEARCH DATE: 10/24/2014
	SCALE: 1:25000		

Historical Topographic Map



	ADJOINING QUAD		
	NAME: READING	SITE NAME: JT Berry Property	CLIENT: Weston and Sampson Engineers
	MAP YEAR: 1944	ADDRESS: LOWELL RD North Reading, MA 01864	CONTACT: Joe Spencer
	SERIES: 7.5	LAT/LONG: 42.5825 / -71.1285	INQUIRY#: 4114514.4
	SCALE: 1:31680		RESEARCH DATE: 10/24/2014

Historical Topographic Map



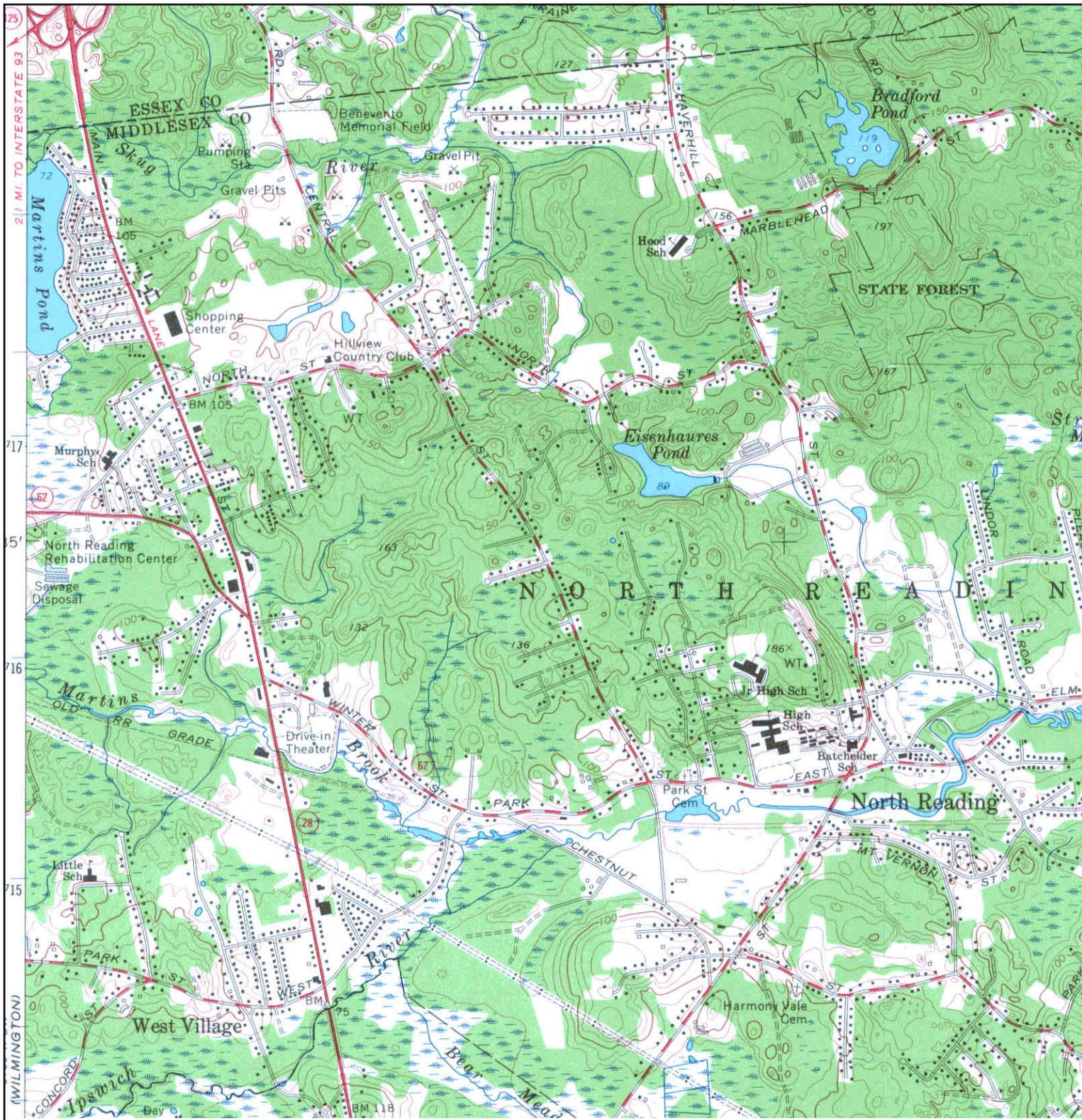
	ADJOINING QUAD		
	NAME:	READING	SITE NAME: JT Berry Property
	MAP YEAR:	1947	ADDRESS: LOWELL RD North Reading, MA 01864
	SERIES:	7.5	LAT/LONG: 42.5825 / -71.1285
	SCALE:	1:25000	CLIENT: Weston and Sampson Engineers
			CONTACT: Joe Spencer
			INQUIRY#: 4114514.4
			RESEARCH DATE: 10/24/2014

Historical Topographic Map



	ADJOINING QUAD		
	NAME:	READING	SITE NAME: JT Berry Property
	MAP YEAR:	1951	ADDRESS: LOWELL RD North Reading, MA 01864
	SERIES:	7.5	LAT/LONG: 42.5825 / -71.1285
	SCALE:	1:31680	CLIENT: Weston and Sampson Engineers CONTACT: Joe Spencer INQUIRY#: 4114514.4 RESEARCH DATE: 10/24/2014

Historical Topographic Map



	ADJOINING QUAD		
	NAME:	READING	SITE NAME: JT Berry Property
	MAP YEAR:	1966	ADDRESS: LOWELL RD North Reading, MA 01864
	SERIES:	7.5	LAT/LONG: 42.5825 / -71.1285
	SCALE:	1:24000	CLIENT: Weston and Sampson Engineers CONTACT: Joe Spencer INQUIRY#: 4114514.4 RESEARCH DATE: 10/24/2014

APPENDIX H

Historical Aerial Photos



JT Berry Property

LOWELL RD

North Reading, MA 01864

Inquiry Number: 4114514.9

October 24, 2014

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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.

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Date EDR Searched Historical Sources:

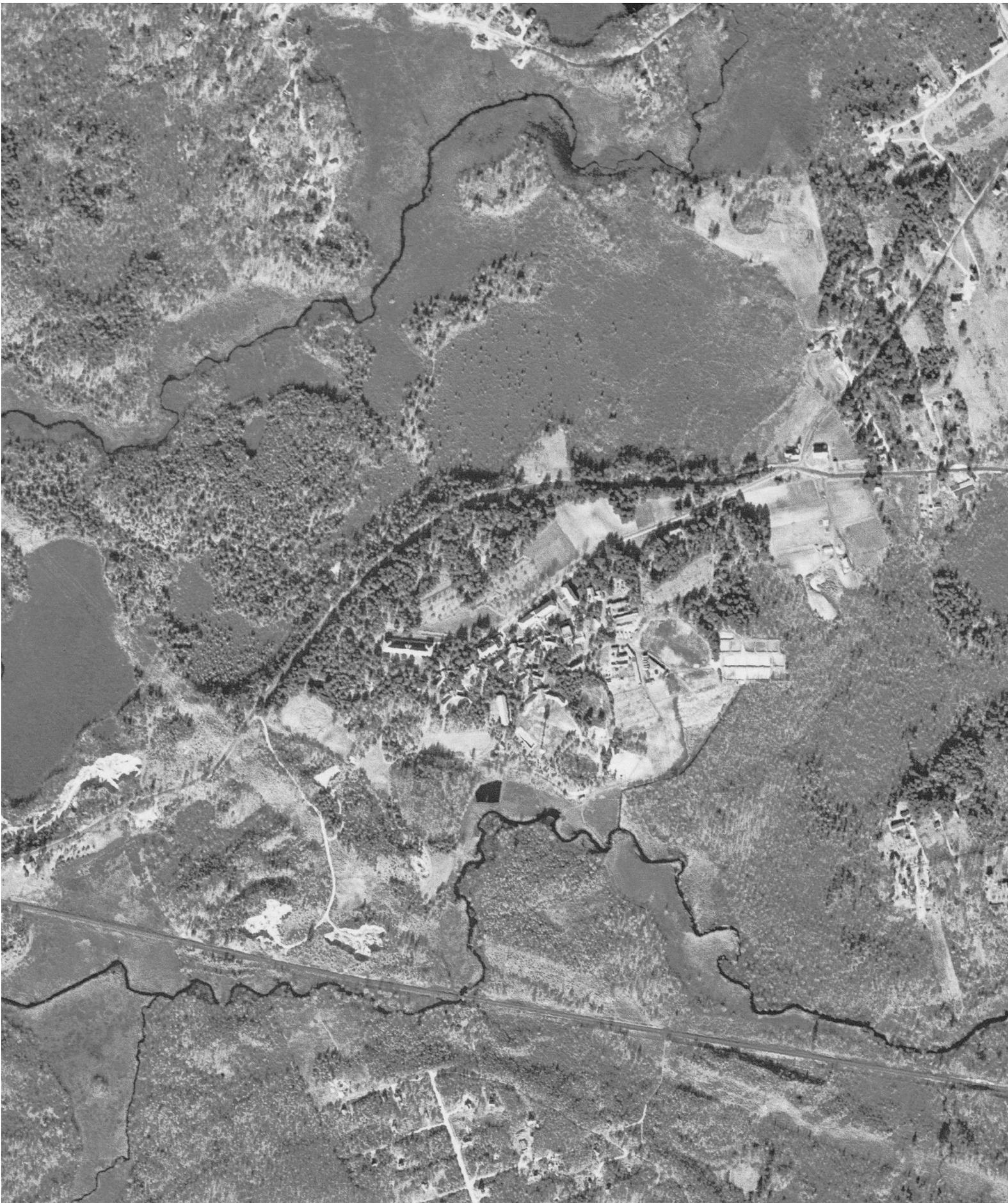
Aerial Photography October 24, 2014

Target Property:

LOWELL RD

North Reading, MA 01864

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1938	Aerial Photograph. Scale: 1"=500'	Flight Date: November 21, 1938	EDR
1952	Aerial Photograph. Scale: 1"=500'	Flight Date: August 24, 1952	EDR
1963	Aerial Photograph. Scale: 1"=500'	Flight Date: April 29, 1963	EDR
1965	Aerial Photograph. Scale: 1"=500'	Flight Date: April 06, 1965	EDR
1978	Aerial Photograph. Scale: 1"=500'	Flight Date: April 23, 1978	EDR
1980	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1980	USDA
1986	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1986	USGS
1995	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: April 03, 1995	USGS/DOQQ
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2008	Aerial Photograph. Scale: 1"=500'	Flight Year: 2008	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP



INQUIRY #: 4114514.9

YEAR: 1938

| = 500'



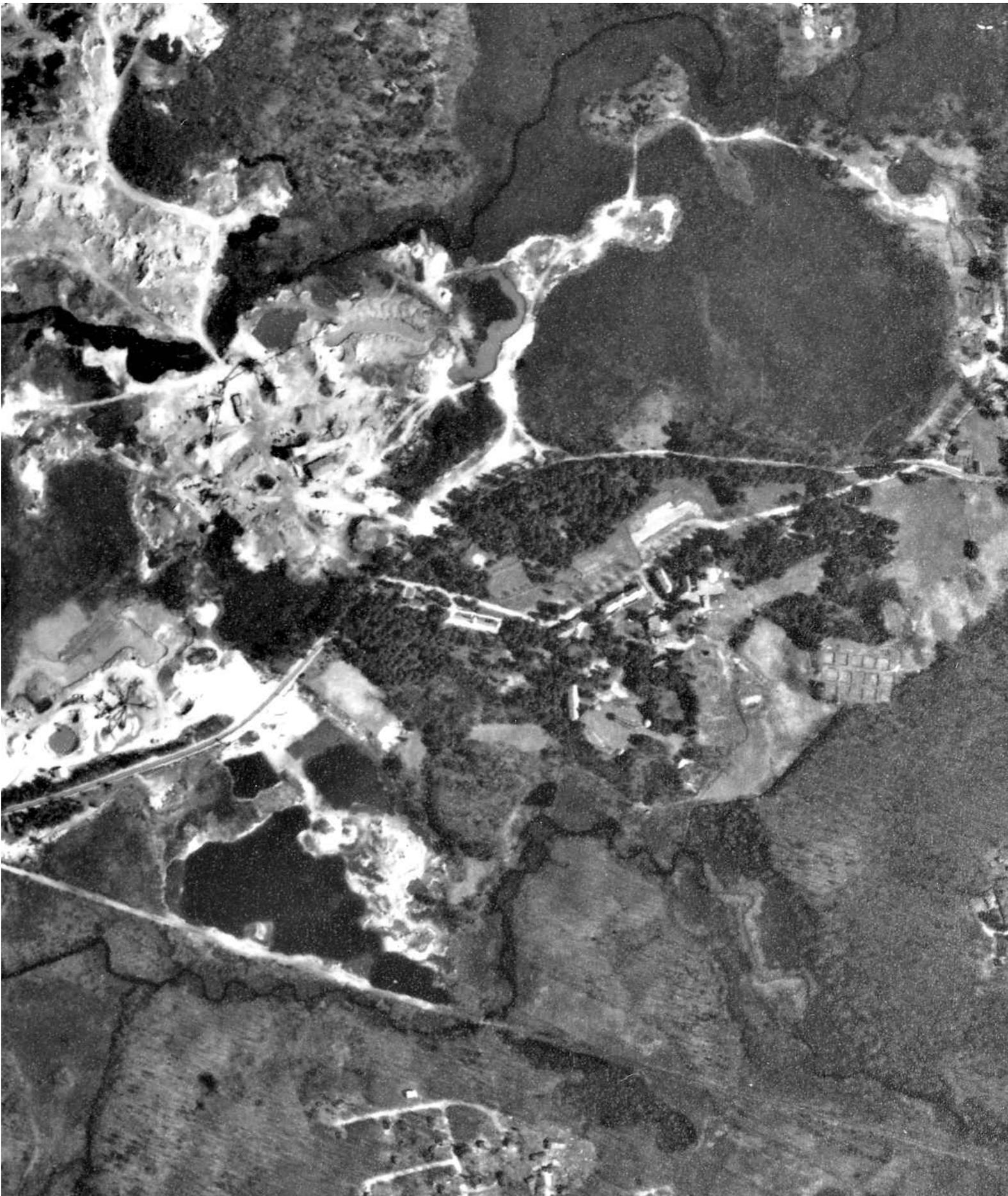


INQUIRY #: 4114514.9

YEAR: 1952

| = 500'





INQUIRY #: 4114514.9

YEAR: 1963

| = 500'





INQUIRY #: 4114514.9

YEAR: 1965



| = 500'



INQUIRY #: 4114514.9

YEAR: 1978

| = 500'



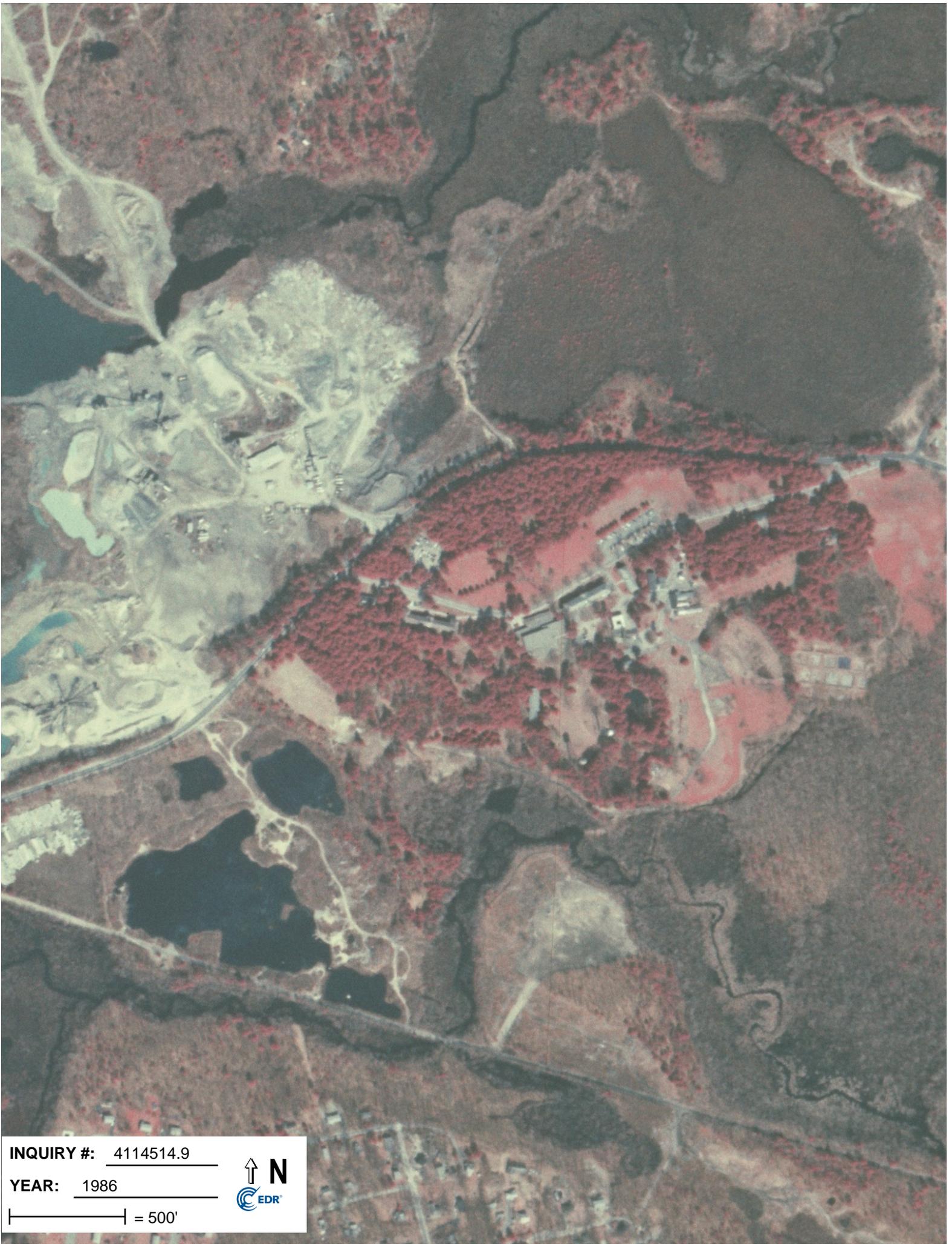


INQUIRY #: 4114514.9

YEAR: 1980

| = 500'





INQUIRY #: 4114514.9

YEAR: 1986

| = 500'





INQUIRY #: 4114514.9

YEAR: 1995

| = 500'





INQUIRY #: 4114514.9

YEAR: 2008

| = 500'





INQUIRY #: 4114514.9

YEAR: 2010

| = 500'





INQUIRY #: 4114514.9

YEAR: 2012

| = 500'



APPENDIX I

City Directories

JT Berry Property

LOWELL RD
North Reading, MA 01864

Inquiry Number: 4114514.5
October 24, 2014

The EDR-City Directory Image Report

TABLE OF CONTENTS

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.

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>
2013	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1986	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Criss-Cross Directory

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FINDINGS

TARGET PROPERTY STREET

LOWELL RD
North Reading, MA 01864

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

LOWELL RD

2013	pg A1	Cole Information Services
2008	pg A13	Cole Information Services
2003	pg A18	Cole Information Services
1999	pg A23	Cole Information Services
1995	pg A28	Cole Information Services
1992	pg A32	Cole Information Services
1986	pg A36	Cole Criss-Cross Directory

FINDINGS

CROSS STREETS

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

SALEM ST

2013	pg. A8	Cole Information Services
2008	pg. A14	Cole Information Services
2003	pg. A19	Cole Information Services
1999	pg. A24	Cole Information Services
1995	pg. A29	Cole Information Services
1992	pg. A33	Cole Information Services
1986	pg. A37	Cole Criss-Cross Directory
1986	pg. A38	Cole Criss-Cross Directory

City Directory Images



-

LOWELL RD 2013

1 NORTH READING FLORIST & DELIVERY
 4 28 CONVENIENCE STORE
 EDWARD JONES FINANCIAL ADVISOR ER
 I DRIVE AUTO SCHOOL
 JEWELRY VAULT THE
 JOSEPHS BARBER SHOP
 LOANS NAILS
 LOOK WHAT I MADE
 MAZONSON LARRY
 PATRIOT MORTGAGE COMPANY INC
 SUBWAY SANDWICHES
 8 PAUL FRENZO
 10 OCCUPANT UNKNOWN
 12 CHRIS WADDEN
 13 MATTHEW FALLON
 16 MARJORIE JEANES
 17 OCCUPANT UNKNOWN
 18 FRANK DELANEY
 19 JOSE GONCALVES
 20 KIM ENRIGHT
 21 ALBERT DELFUOCO
 26 JOEL DECAREAU
 27 DAVID BANCROFT
 28 GRACE WASHBURN
 30 ANTHONY MARKS
 31 KATHLEEN MCCARTHY
 34 DAVID WILLIS
 38 CHARLES ARRIA
 39 LEON FAIRBANKS
 42 OCCUPANT UNKNOWN
 43 MATHEW MCDONALD
 45 FRANK DEARBORN
 46 WALTER CONNOLLY
 53 OCCUPANT UNKNOWN
 55 JAY VALADE
 59 RAYMOND LEPORE
 61 HENRY REPETTO
 62 JOSEPH PERRONE
 64 LESLIE DARBE
 65 LISA COX
 66 BRETT JOHNSON
 68 TED ROSE
 69 OCCUPANT UNKNOWN
 70 LEO CROWLEY
 100 EDGEWOOD APARTMENTS
 LINCOLN PROPERTY COMPANY
 LINCOLN PROPERTY EDGEWOOD
 101 ABILIO CASANOLA
 ADAM FERRARA
 ALAN MAROTTA

LOWELL RD 2013 (Cont'd)

101	BRADFORD HOWSE BRENDAN BARSCHDORF CAROLINE BURMESTER DEBORAH ATKINSON DENNIS CYR ELIZABETH SNIDER GEORGE THISTLE ILYA EROKHIN JOANNA MCINTYRE JODY SCHLACTER JULIE DAVIS JULIE MARQUARDT KERI GALLIEN KERRY GORMAN MARIA MARTIGNETTI MARILYN DIBENEDETTO MARY BUTLER MATTHEW FRITZE NEIL DONAHUE NICHOLAS DIRUSSO PAUL PLOURDE PHYLLIS CONNELLY RAVI GANGADHARAI AH ROSE CARPENITO STACEYREA MCCUE STEFFAN TOSI STEPHANIE SUDATI STEVEN SMARACKO TERESE STANFORD TIMOTHY DONOVAN WILLIAM LYONS
102	ADREANNA LACANDIA ALAIN BENTANCOURT AMBER NEAL AMY GONSALVES ARDIAN MICI C DEMODENA CARL RANERI CARL TAYLOR CHARLES ARDELL CINDY PEAN DANIELLE JEAN DAVID ADAMS DOUGLAS DOROSH EDUARDO BONNELL EVAN RUSSELL EVELINA MACIULEVICIUTE GASCAR GRANDCHANPES GERY OLIDEIRA H OH

LOWELL RD 2013 (Cont'd)

102	JAMIE BILEK JOSE PORTILLO JOSEPHINE FRAUTON KERRY WINSTON KIMBERLY HIGGINBOTTOM MELISSA PIERRE MICHAEL SHEEHAN MICHAEL SPENCER MICHAEL WARD NATHAN FANCHER PATRICK MAGUIRE PAUL DETTENRIEDER PETER FINKEL REGINA POLITANO RICARDO STLOUIS RITA FENTON SHARON GALLOWAY SHAWN LITALIEN SUSAN DIBELLA
103	ABNER VICTOR ANTONIO ISAAC ARTHUR FINCH BAKUL BHATNAGAR CHARLES WHEELER CHERYL MAKI CRAIG TATBRONIS DONNA DOOMAN FOROUZ BROOKS FRANK PALAZZI HOLLY OLDHAM JOSEPH KANE JUDITH VECHMAMONTEN JULIE ANDERSON JULIE AZIZ MATTHEW GILSON MICHAEL NORTARANGELI MOHAMMAD RAHMAN NADINE OLIVER NICOLE GOSHORN PATRICIA RAMOS PHILIP LAFRATTA ROBERT GAUTHIER SUSAN LYONS VICTOR LOPERFIDO WAYNE PERKINS
104	CHRISTINA HUTCHINS CHRISTINE KANE D WILSON DAVID KONZE EDGEWOOD PROPERTY

LOWELL RD 2013 (Cont'd)

104	ELEANOR RUSSO ERIC ROLLINS GREGORY CUSHING HOLLY ELLIOTT IES INC JAIME GUNDY JANICE TURILLI JOHN ILIADIS JOHN POLCARI JOHN SCARCELLI JOSEPH HUGHES LAURIE DICHIARA LISA DANEHY MARY MURPHY RACHEL CHARTER RALPH SARNO RICHARD STEENBRUGGEN ROSEMARY VIOLANTE SAMEER SAHASRABUDHE SHANE STILSON
105	AMANDA MACK BRIAN LANDENBERGER DANIEL MANNING DOROTHY SULLIVAN E R C EDWARD KENNY JEFF MACEACHRON JOHN LEHOCKY JOSEPH HERRA JUN PANG LAUREN GRUTTNER LAURIE HOWE LEAH WARD LISA COHEN MARIA DIVIRGILIO NANCY MULLIGAN SCOTT MACLEAN SETH MARQUARD VASILE GROSANU YUE WU
106	ADAM KHOURI BETHANY HAJEC BRIAN STEWART DANIEL BUCKO DAVID NOYES IRENE LANGONE JAMES QUANTAI JANICE CAPACHIEPTI KATELYN SPRING KIM BAGNERA

LOWELL RD 2013 (Cont'd)

- 106 LINDSEY KUPERSTEIN
- MATTHEW HELLER
- MICHELE DASILVA
- MING PAN
- QUANTAI JAMES
- 107 ANDREW BISHOP
- ANGLEA MARKEY
- ANN CARSTENSEN
- BRENDA STANTON
- BRUCE JORDAN
- CATHERINE OBRIAN
- DAN PETER
- DAVID LUCCHESI
- DAVID SZYDLOWSKI
- DIAN TRISCHITTA
- EDWIN BERRIOS
- GLORIA MARMONTELO
- HERMN CRIQUI
- JOEL STEINBERG
- JOSEPH FARDON
- JOSEPH MAZZEI
- KARRIE STRICKLAND
- L NUZZO
- MARTIN BECK
- PATRICK TAYLOR
- TODD EVERY
- TODD SILVA
- V VALENTINO
- 108 AFERDITA DELIA
- ANDREA ORLANDO
- BARBARA BROOKS
- CHRISTOPHER DENNY
- DANIEL MULLEN
- DONNA NIGRO
- GEORGE HALLISEY
- GREGORY STELLATO
- HENRY STAINES
- JEFFREY AVERBOOK
- JENNIE VISCONTI
- JOHN BREANTON
- JOSEPH STANTON
- KAREN CZARNOTA
- LISA DICKEY
- PATRICK HAGUE
- PAUL LAIDLEY
- ROBERT DANEHY
- RONALD REPOZA
- TONY DELGRECO
- VINCENT ABRAMO
- WILLIAM LYNCH

LOWELL RD 2013 (Cont'd)

109	CALEB REINHOLD CANDIDO BROWN DAVID CARPINE DENNIS CONNOLLY DOROTHY MARSHALL EDWARD ORLANZO ERIC FOURNIER HEIDI CAPRIGNO IVAN OLSON JENNIE HIRATZKA JEREMY FEDDERLY JOAN LOMBARDI JOHN HOTALING JOHN SKRYPAK KENNETH PARK LINCOLN N READING LLC LISA PICKEL MARY BRANZETTI NANCY GLUECK ROBERT OCONNELL ROBERT VOZZELLA ROGER BEAUDOIN SRINIJA CHEERLA STEPHEN SURJUE SUZANNE FLAHERTY THEODORE PAPAS
110	ALYSHA MORAN ALYSSA PROFENNA BRYAN SHECKMAN BUSER MICHELLE CHRISTOPHER KORBA DANIEL ROSENGARTEN DANIELLE BENTLEY DANIELLE FILOSA EDYTHE DELLORFANO ERIC LOGAN ESKANDAR CHAHARMAHALI FRANCIS BROUILLARD GARY COOPER J DISARIO JENNIFER LOUIS JOEL SANDERSON JOHN SHIRLEY KATARINA FRISOBA KATHARINE ROCHEFORD KATHLEEN MELTON KIMBERLY LENNARSON KRISTIAN WHITEHOUSE LESTER LABOV MARY WATSON

LOWELL RD 2013 (Cont'd)

- 110 MATTHEW DEAL
- MICHAEL STEWART
- NICHOLAS TALLETT
- PHILIP HEALY
- RAFIOU OKETOKOUN
- RICHARD DELLOLIO
- ROBERT FERGUSON
- SARA MELIKIAN
- STEPHANIE LECCESE
- SWANAND SARDESAI
- VLAS KUCHAR
- 111 ALEXANDRA RAY
- ANGIE BRUSO
- ANNE DOWLING
- BETH WHITNEY
- DANIEL ARIDGIDES
- EILEEN PERRY
- ELIZABETH LARMIE
- JILL DONARUMA
- JOANNE TRABAZAN
- JOHN GIBLIN
- KAHLEEN AMIRAULT
- KAREN GAMST
- LEAH DOW
- LEE FAIRWEATHER
- MARGARET EAKER
- MICHELLE ROY
- MYLENE CASSEL
- NANCY GLEASON
- RENA MONACO
- RICHARD CLOUTIER
- STEVEN RODRIQUEZ
- THOMAS HERSEY

SALEM ST 2013

6	GO MCFEBTERS
14	CHRISTOPHER MITCHELL
15	DIANNE LEBLANC
16	DANIEL BLACKWELL
17	JOHN FORTES
18	WILLIAM ROBINSON
19	CARL JENSEN
21	STEPHEN DELANEY
22	OCCUPANT UNKNOWN
23	CHERISH PROCTOR
24	BRUCE MITCHELL
27	AUREA BRADLEY
	ERIC REESE
	JOHN ITSSAAD
	NYCHOLE MALLETT
	ROBERT TAMILIO
30	RACHAEL GILMORE
31	SUE WHITE
32	JERRY DEJONGH
34	MARGARET MORAN
36	WALTER MACDOUGALL
38	ANTHONY DEAVER
40	EDWARD PICARD
42	JEFFREY WIKLUND
47	DONALD MADAGLIA
48	JOAN BOTELHO
49	RONALD NICHOLS
51	RICHARD GORE
54	MICHAEL KAROLEMEAS
57	ANDREW COYNE
59	EDWARD THOMPSON
63	GEORG MCFEETERS
	OCCUPANT UNKNOWN
	SANDRA MCFEETERS
65	TIMOTHY QUILL
67	BARBARA FAULKNER
72	OCCUPANT UNKNOWN
74	F NIZAM
	JANICE STEPHANY
	JOSEPH BARIL
	OCCUPANT UNKNOWN
	TANYA SANTHESON
	VINCENT SCHUURMAN
76	JAMES MURRAY
79	LEO OSTLER
80	ALEXANDER CONIL-AYALA
	AMANDA POWER
	AYALA CONIL
	ELIZABETH BURNHAM
	MARK MCCARTHY

SALEM ST 2013 (Cont'd)

81	AGRENETICS WAYNE ARUDA
82	JENNIFER MONSINI
84	MIKHAIL SHAKARYAN
91	EDDIE BARRASSO
93	MICHAEL MAHONEY
98	SHEILA RICHARDS
99	JOHN CALLAHAN
124	ANTHONY CUDIA
125	KENNETH RAMSDELL OCCUPANT UNKNOWN PRESCOTT ARNOLD
126	JOHN OBRIEN
129	JOSEPH THURSTON
130	STEPHEN PORTANOVA
131	OCCUPANT UNKNOWN
132	OCCUPANT UNKNOWN
133	RANDOLPH JENNINGS
134	JOSEPH KENNEDY
136	DONALD EATON
137	JOHN DERVISHIAN
139	RICHARD STARAM
141	NABIL SAID
142	JOSEPH PICANSO
146	OCCUPANT UNKNOWN
150	RICHARD ARSENAULT
158	DENNIS BOISVERT
159	TIMOTHY DILLON
160	TIMOTHY CHASE
166	OCCUPANT UNKNOWN
190	MARK JONES
194	OCCUPANT UNKNOWN THOMAS RAY
195	ANTHONY LANGONE ANTOINETTE DEFURIA BARBARA OBRIEN CATHERINE LUDWIG DENISE MCHUGH DONNA DIGGS EDWARD GUGGER EDWARD MCGRATH JOHN PHILLIPS MARJORIE KNOX MARK FREGEAU MARY DUDLEY MAUREEN YUND PATRICK FLOOD PAUL CAREY PETER VENTOLA RICHARD HOLMAN

SALEM ST 2013 (Cont'd)

195	ROBERT HOWE RODERICK JOHNSON SALEM STREET WILLIAM ANTONUCCI
196	DONNA CARROLL
197	MARY KIESINGER
198	PERIS KALAVANTIS
199	FRANCIS FRANKELTON
201	OCCUPANT UNKNOWN
202	KENNETH RIDEOUT
203	THOMAS PECK
204	MARK MELKONIAN
205	G FRANCES
206	MELISSA TOCE
207	TRACY FLANDERS
209	ANTHONY KARAPATSAS
221	RICHARD REIDY
276	DAVID MCGILVRAY
278	JAMES HUNTER
282	JOHN HAYES
285	JOSE DIAZ
286	JOHN CREETH
287	ROBERT ANDERSON
288	PATRICIA KLEYNEN
289	CYNTHIA STAVROPOULOS MICHAEL GAGLIONE
290	JAMES SPINNEY
291	OCCUPANT UNKNOWN
292	GARY DONOVAN
293	OCCUPANT UNKNOWN
294	RAVI CHARLES
296	CARL TOWNSEND
298	BRUCE TAYLOR JAMES STAVROPOULOS WAYNE GARDNER
299	ADAM GOUVEIA
300	LINDA BALLIRO OCCUPANT UNKNOWN
302	DOROTHY BROOKS
305	CHESTER BRUCE
306	JEFFREY LABUZ
307	OCCUPANT UNKNOWN
313	DAVID SARICH
314	OCCUPANT UNKNOWN
317	SERGIO COVIELLO
321	EDWARD WHITNEY
327	WILLIAM LAWSON
333	SRIKANTH KRISHNAMURTHY
334	ANTHONY DELUCA
343	JAMES DONOVAN

SALEM ST 2013 (Cont'd)

344	OCCUPANT UNKNOWN
347	CUSTOM INTERIORS BY DONNA
390	RICHARD CARBONE
391	DAVID REGAN
392	EDWARD SOUSA
393	CARL BUTLER
	J & L PAINTING
	JAMES CASSIDY
	JOHN LAST
395	GEORGE CARROLL
396	CHARLES BROWN
397	OCCUPANT UNKNOWN
404	OCCUPANT UNKNOWN
405	RICHARD MCNAMARA
406	SUSAN MORRIS
407	NIDA LAM
409	TAYLOR WRYE
411	DOUGLAS IULIANO
437	WILLIAM DUSABLON
439	PAUL DICHIARA
443	ANTHONY PATTERSON
455	MARY SHEEHAN
457	PAUL TROXELL
459	PAUL DOERFLER
461	CYNTHIA ELMORE
463	JONATHAN GRIFFITH
465	MICHAEL CRANE
467	OCCUPANT UNKNOWN
469	PHILIP MURPHY
471	ROBERT BOURASSA
500	ATLANTIC AUDIOLOGY
	BAUMWOLL ROBERT MD
	BURLINGTON EYE ASSOCIATES
	CARSON DANIEL MD
	CHILDRENS HOSPITAL
	MACKLIS MARK A MD
	SULLIVAN JOHN MD
	WILMINGTON REGIONAL HEALTH CENTER
	WINCHESTER HOSPITAL FAMILY MEDICAL C
	WINCHESTER HOSPITAL ORTHOPEDICS PLUS
	WINCHESTER PEDIATRICS FAMILY MEDICAL
	WOBURN MEDICAL ASSOCIATES
506	HELEN DURKEE
530	MAITE PARI
744	SHERRY IULIANO
773	EDWARD SHEA
	SHEA CONCRETE PRODUCTS INC
800	HEFFRON MATERIALS
900	AGGREGATE INDUSTRIES
	BENEVENTO ASPHALT

Target Street

Cross Street

Source

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Cole Information Services

SALEM ST 2013 (Cont'd)

900 REDEMIX CONCRETE

LOWELL RD 2008

4	28 CONVENIENCE STORE EDWARD JONES ERIC W EVANS KENNY MAZONSON LARRY MAZONSON LOOK WHAT I MADE INC PATRIOT MORTGAGE CO INC SUBWAY OF N READING TONYS BARBER SHOP WMS JEWERLY WORLDTELECOM WH & CO INC
8	RUTH FRENZO
10	THOMAS TONE
12	CHRISTOPHER WADDEN
13	EDWARD EDGERLY
16	MARJORIE JEANES
18	FRANK DELANEY
19	JOSE GONCALVES
20	DANIEL ENRIGHT
21	ALBERT DELFUOCO
26	JOEL DECAREAU SOFTWARE VALIDATION CONSULTING INC
27	DAVID BANCROFT SWEEPNSMAN INC
28	PAUL RINALDI
30	WALTER MARKS
34	TYLER WILLIS
38	CEN MOTOR TRANS INC CHARLES ARRIA
39	LEON FAIRBANKS
42	MIHWA PARK
43	MATHEW MCDONALD
45	FRANK DEARBORN
53	ALLEN HEBERT
55	JAY VALADE
59	RAYMOND LEPORE
61	HENRY REPETTO
62	JOSEPH PERRONE
65	LISA COX
66	BRETT JOHNSON
68	MICHAEL YOUNG

SALEM ST 2008

6	GO MCFEBTERS
10	STEPHEN HENDERSON
14	CHRISTOPHER MITCHELL
15	DIANNE LEBLANC
16	DANIEL BLACKWELL
17	JOHN FORTES
18	WILLIAM ROBINSON
19	CARL JENSEN
21	STEPHEN DELANEY
22	DONN STRATOULY
23	PAULINE COLA
24	NEIL MITCHELL
	PAUL EMERZIAN
27	ANDREW VENTRE
	ERIC DUNNETT
	IRENE OAK
	JO TAMILIO
	JOSEPH COLA
	LISA CHANDLER
	NYCHOLE MALLET
	RICHARD PROCTOR
32	PHUNG DEJONGH
34	ELLEN GILMARTIN
	MARGARET MORAN
	RITA HANNAFORD
36	WALTER MACDOUGALL
38	ANTHONY DEAVER
40	GREGORY MCHUGH
42	JEFFREY WIKLUND
47	DONALD MADAGLIA
48	JOAO BOTELHO
49	RONALD NICHOLS
51	RICHARD GORE
54	MICHAEL KAROLEMEAS
57	LARRY RUTTER
59	EDWARD THOMPSON
63	GEORGE MCFEETERS
	MARY ORLOWSKI
65	TIMOTHY QUILL
67	BARBARA FAULKER
74	DENNIS ROONEY
	RICHARD CLOUTIER
76	JAMES MURRAY
78	PATRICIA ROLLINS
79	LEO OSTLER
80	FREDERICK PLOUFF
	LAWRENCE POWER
81	AGRENETICS
	ARUDA INC
	WAYNE ARUDA

SALEM ST 2008 (Cont'd)

82	PAUL MASON
85	TAMMIE BURKE
91	B MASONRY
	EDWARD BARRASSO
93	AUDREY JACHTHON
98	SHEILA RICHARDS
99	JOHN CALLAHAN
100	SALEM STREET
124	ANTHONY CUDIA
125	KENNETH RAMSDELL
126	LEAH PALUMBO JEWELRY
129	JOSEPH THURSTON
130	JERRY MAFFEO
131	ROBERT FERGUSON
132	CALDERWOOD CONSULTING
	PAUL CALDERWOOD
133	RANDOLPH JENNINGS
134	JOSEPH KENNEDY
136	DONALD EATON
137	ANDREW OBRIEN
141	NABIL SAID
142	GERALD PICANSO
146	MICHAEL PALAZZO
150	DENNIS ARSENAULT
158	DENNIS BOISVERT
159	TIMOTHY DILLON
160	TIMOTHY CHASE
166	PETER TELIS
190	MARK JONES
194	THOMAS RAY
195	ANTHONY DEFURIA
	BARBARA HOWE
	CATHERINE LUDWIG
	DENISE MCHUGH
	ELIZABETH PARSONS
	JEAN FREGEAU
	MARJORIE KNOX
	MARY ZANI
	MARYANN LANGONE
	PETER VENTOLA
	WILM PINE
196	DONNA CARROLL
197	RICHARD KIESINGER
198	JOSEPH THIBODEAU
199	FRANCIS FRANKELTON
201	ENUDIO ESCOBAR
202	KENNETH RIDEOUT
203	THOMAS PECK
204	MARK MELKONIAN
205	G FRANCES

SALEM ST 2008 (Cont'd)

206	MELISSA TOCE
207	TRACY FLANDERS
209	ANTHONY KARAPATSAS
219	PERSONAL FINANCIAL MGMT PLUS
221	RICHARD REIDY
276	DAVID MCGILVRAY
278	JAMES HUNTER
280	ROBERT HARRINGTON
282	JOHN HAYES
285	JOSE DIAZ
286	GLOBAL MARKETING SPECIALIST INC
	JOHN CREETH
287	ELLEN ANDERSON
288	PATRICIA KLEYNEN
289	JAMES STAVROPOULOS
	MICHAEL GAGLIONE
290	HELENA SPINNEY
292	GARY DONOVAN
294	MICHAEL FRITZ
296	CARL TOWNSEND
298	CYNTHIA STAVROPOLOUS
	DAVID CURLEW
300	JOSEPH BAILLIRO
302	DOROTHY BROOKS
305	CHESTER BRUCE
306	JEFFREY LABUZ
307	KENNETH SULLIVAN
313	DAVID SARICH
327	WILLIAM LAWSON
333	SRIKANTH KRISHNAMURTHY
334	ANTHONY DELUCA
337	BRUCE ANDERSON PHOTOGRAPHY
343	STEPHEN ONEILL
344	MARGUERITE ELIA
377	M PULEO
390	ROBERT CARBONE
391	DAVID REGAN
392	EDWARD SOUSA
393	CARL BUTLER
	J & L PAINTING
	JAMES CASSIDY
	JOHN LAST
394	DAN OBRIEN
395	GEORGE CARROLL
396	ANTONIO FRECHETTE
397	CAROL RUSSO
404	JAMES MORRIS
407	ANTONIO DIAS
409	FRANK WARGO
411	DOUGLAS IULIANO

SALEM ST 2008 (Cont'd)

437	WILLIAM DUSABLON
439	PAUL DICHARA
443	SUSAN FRANK
455	MARY SHEEHAN
457	PAUL TROXELL
459	PAUL DOERFLER
461	CYNTHIA ELMORE
463	JONATHAN GRIFFITH
465	JOSEPH CIGNA
469	PHILIP MURPHY
471	ROBERT BOURASSA
500	ANDREW SARAH MD
	ATLANTIC AUDIOLOGY INC
	EYE ASSOCS PC
	FAMILY MEDICAL CENTER
	MARK A MACKLIS
	URGENT CARE CLINIC
	WILMINGTON INT INC
	WINCHESTER HOSP FAMILY MEDICAL CENTE
	WINCHESTER HOSPITAL
	WOBURN MEDICAL ASSOCIATES
506	JAMES DURKEE
530	MARGARET FISHER
744	SHERRY IULIANO
773	EF SHEA NEW ENGLAND CONCRETE PRODUCT
	JOSEPH WITKUM
	SHEA NEW ENGLAND CONCRETE PRODUCTS I

LOWELL RD 2003

- 1 NORTH READING TRANSCRIPT
TONYS BARBER SHOP
- 4 ADVANCED COMPUTER SYSTEMS
GEMWORLD JEWELERS
HAJIR INC
LARRY MAZONSON
LOOK WHAT I MADE INC
MARKALLENS VILLAGE MARKET
STOP N GO VIDEO
TECHMATE PERSONAL COMPUTERS
- 8 RUTH FRENZO
- 10 THOMAS TONE
- 12 JONATHAN MEHTALA
- 13 JAMIE ONEIL
- 17 ROXANA KETTINGER
- 18 FRANCIS DELANEY
- 19 EDWARD ORLANZO
- 20 DANIEL ENRIGHT
- 21 ALBERT DELFUOCO
- 26 JOEL DECAREAU
- 27 DAVID BANCROFT
- 28 JOHN WASHBURN
- 30 MARY MARKS
- 31 STEVEN DEFELICE
- 34 DAVID WILLIS
- 39 DAVID ZWICKER
- 42 WILLIAM SMITH
- 53 ALLEN HEBERT
THOMAS NOONAN
- 55 JAY VALADE
- 59 MARY WHALEN
- 61 HENRY REPETTO
- 62 JOSEPH MURPHY
- 64 LESLIE DARBE
- 65 MAUREEN DELANEY
- 66 BRETT JOHNSON
- 68 DAVID YOUNG
- 70 ROBERT STEEVES

SALEM ST 2003

14	CHRISTOPHER MITCHELL
15	DEREK LEBLANC
16	DANIEL BLACKWELL
17	MARY FORTES
18	WILLIAM ROBINSON
19	CARL JENSEN
21	STEPHEN DELANEY
22	LEONARD GAUDIOSO
23	JOSEPH COLA
24	PAUL EMERZIAN
27	JOSEPH COLA
	RICHARD PROCTOR
30	MICHAEL STANLEY
32	JERRY DEJONGH
34	ELLEN GILMARTIN
	KIDSTERRAIN INC
	MARGARET MORAN
	QUADRANT HEALTH STRATEGIES INC
	RITA HANNAFORD
36	WALTER MACDOUGALL
38	ANTHONY DEEVER
	CAPE ANN LINUX USERS GROUP
47	DONALD MADAGLIA
49	RONALD NICHOLS
51	RICHARD GORE
54	GREG MCHUGH
57	LARRY RUTTER
59	EDWARD THOMPSON
63	GEORGE MCFEETERS
	MARY ORLOWSKI
67	RICHARD FAULKNER
72	SHEILA RICHARDS
74	J ROONEY
76	ROBYN GRASING
79	KIRK OLEARY
80	LAWRENCE POWER
	SHIRLEY PLOUFF
81	AGRENETICS
	ARUDA INC
	WAYNE ARUDA
82	BRIAN LEE
84	MALCOLM COOKE
85	TAMMIE BURKE
91	WINIFRED BARRASSO
93	WILLIAM BARTOSCH
98	SHEILA RICHARDS
99	JOHN CALLAHAN
100	ANTHONY GUGLIELMO
106	KEVIN POST
124	ANTHONY CUDIA

SALEM ST 2003 (Cont'd)

125	KENNETH RAMSDELL PRESCOTT ARNOLD V DROHAN
129	JORGE GUEVARA
130	JERRY MAFFEO
131	ROBERT FERGUSON
132	PAUL CALDERWOOD PAUL CALDERWOOD
133	RANDOLPH JENNINGS
134	JOSEPH KENNEDY
136	DONALD EATON WILMINGTON LANDSCAPING CO
137	JOHN DERVISHIAN
139	MILTON FREEMAN
141	MANUEL ANDRADE
142	GERALD PICANSO
146	MICHAEL PALAZZO
150	DAVID ARSENAULT
158	DENNIS BOISVERT
159	CARL BUTTERS
160	TIMOTHY CHASE
166	PETER TELIS
190	MARK JONES
194	THOMAS RAY
196	DONNA CARROLL
197	RICHARD KIESINGER
198	JOSEPH THIBODEAU
199	FRANCIS FRANKELTON
201	ENUDIO ESCOBAR
202	KENNETH RIDEOUT
203	THOMAS PECK
204	MARK MELKONIAN
205	LAWRENCE DINGLE
206	GAIL TOCE
207	MARJORIE LEONARD
209	ANTONIOS KARAPATSAS
210	JAMES HUNTER
221	ANNE BUZZELL
276	DAVID MCGILVRAY
278	JAMES HUNTER
280	ROBERT HARRINGTON
282	JOHN HAYES
285	WILLIAM DURFEE
286	GLOBAL MARKETING SPECIALI JOHN CREETH
287	ELLEN ANDERSON
288	PATRICIA KLEYNEN
289	JAMES STAVROPOULOS MICHAEL GAGLIONE
290	GEORGE SPINNEY

SALEM ST 2003 (Cont'd)

291	CHRISTOS MANINOS
292	GARY DONOVAN
293	PAUL CURTIN
294	SUSAN DURANTE
296	CARL TOWNSEND
298	MARY KILROY
300	JOSEPH BALLIRO
	STEVEN BERUBE
302	DOROTHY BROOKS
305	JOAN BRUCE
307	CHESTER BRUCE
313	DAVID SARICH
314	ALBERT DEPREZ
317	DOMINICK SILVESTRI
320	TOWN OF WILMINGTON
321	EDWARD WHITNEY
327	RONALD CARDWELL
333	GAUTHAM KRISHNAMURTHY
337	ELIZABETH ANDERSON
343	GREG MONTEFORTE
	MONTEFORTE CONSTRUCTION INC
344	MARGUERITE ELIA
347	GUS GUSTAFSON
377	M PULEO
390	ROBERT CARBONE
391	DAVID REGAN
392	EDWARD SOUSA
393	CARL BUTLER
	J & L PAINTING
	KIMBERLY LAST
394	DONALD OBRIEN
395	GEORGE DOHERTY
396	CHARLES BROWN
	G GAGE
	ROSS HALLETT
397	GAR THOMAS-MOORE
404	JAMES MORRIS
405	MARK ARBOGAST
407	JOHN CRONIN
409	FRANCIS WARGO
437	ANNE TORRI
439	PAUL DICHIARA
443	SUSAN FRANK
455	MARY SHEEHAN
457	PAUL TROXELL
459	PAUL DOERFLER
461	CYNTHIA ELMORE
463	JONATHAN GRIFFITH
465	JOSEPH CIGNA
467	RICHARD DESFORGE

SALEM ST 2003 (Cont'd)

469	PHILIP MURPHY
471	ROBERT BOURASSA
500	BAUMWOLL ROBERT MD
	BRITT MICHAEL MD
	CARRIGAN JOHN MD
	CARSON DANIEL MD
	GAPPELBERG GHARY DR
	KING CHITRA J MD
	RUBRAKE SHARON MD
	SEDER CAROLINE MD
	WINCHESTER HOSPITAL FMLY MDCL
502	JUDI HIRSCH
506	MARY DURKEE
	VERA ROTHWELL

LOWELL RD 1999

- 1 NORTH READING TRANSCRIPT
- 4 ADVANCED PHOTO
ALVARO PEREIRA
GEMWORLD JEWELERS
HOLISTIC LEARNING CENTER
PATRIOT MORTGAGE COMPANY INCORPORATED
STOP N GO VIDEO
TONYS BARBER SHOP
TONYS BARBER SHOP HAIR STYLING
- 8 RUTH FRENZO
- 10 THOMAS TONE
- 12 ANNETE GEMELLARO
WALKER INDUSTRIAL PRODUCTS
- 16 M JEANES
- 17 ROXANA KETTINGER
- 18 FRANK DELANEY
- 19 EDWARD ORLANZO
- 20 DANIEL ENRIGHT
- 21 ALBERT DELFUOCO
- 26 JOEL DECAREAU
- 27 DAVID BANCROFT
- 28 JOSEPH RINALDI
- 30 WALTER MARKS
- 34 DAVID WILLIS
- 39 STEPHEN TWOHIG
- 42 EDWARD CARTWRIGHT
- 45 EDNA THOMAS
- 53 JUNIOR HUDSON
- 55 JAY VALADE
- 59 MARK DOWNING
- 61 HENRY REPETTO
- 62 JOSEPH MURPHY
- 64 COLLEEN CRIST
LESLIE DARBE
- 65 MAUREEN DELANEY
- 66 BRETT JOHNSON
DAVID MCSWEENEY
- 68 RACHEL YOUNG
- 70 ROBERT STEEVES

SALEM ST 1999

14	ELLEN MITCHELL
15	DEREK LEBLANC
16	DANIEL BLACKWELL
17	JOHN FORTES
18	WILLIAM ROBINSON
19	CARL JENSEN
21	STEPHEN DELANEY
22	ALPHONS ZAMMUTO
23	JOSEPH COLA
24	NEIL MITCHELL
	PAUL EMERZIAN
27	JOHN GILL
31	WILLIAM CRAM
32	JERRY DEJONGH
34	M MORAN
	RITA HANNAFORD
36	WALTER MACDOUGALL
38	ANDERSON MASONRY
39	JOHN LAST
47	DONALD MADAGLIA
49	RONALD NICHOLS
51	RICHARD GORE
54	GREG MCHUGH
57	LARRY RUTTER
59	EDWARD THOMPSON
63	GEORGE MCFEETERS
67	RICHARD FAULKNER
74	JANICE GUGLIELMO
76	ALLYSON MURRAY
79	KIRK LEARY
80	KELLEY POWER
	PETER HAUVER
	S PLOUFF
81	WAYNE ARUDA
82	CHRIS HOUDE
84	JOSEPH BRAZELL
	PETER BROWN
91	EDWARD BARRASSO
93	RICHARD EAGLESTON
98	RICHARD PEDI
99	JASON VACHON
100	ANTHONY GUGLIELMO
106	ROBERT WATTERS
124	MARIO CUDIA
125	KENNETH RAMSDELL
	V DROHAN
126	ROBERT WATTERS
129	ANNE GUEVARA
	JORGE GUEVARA
	JOSEPH THURSTON

SALEM ST 1999 (Cont'd)

130	JERRY MAFFEO
131	ROBERT FERGUSON
132	PAUL CALDERWOOD
133	L JENNINGS
134	JOSEPH KENNEDY
136	DONALD EATON
137	JOHN DERVISHIAN P REID
139	MILTON FREEMAN
142	ELEANOR PICANSO
146	DOUGLAS PETERSON
150	ANITA ARSENAULT RONALD BRABANT
158	DENNIS BOISVERT
160	TIMOTHY CHASE
166	SCOTT HILLYER
190	STEVEN KOMENCHUK
194	P FARNSWORTH THOMAS RAY
196	FRANCIS CARROLL
197	RICHARD KIESINGER
198	DICK THIBODEAU
199	JOHN FOLEY
200	STEVEN KOMENCHUK
202	MARK HIGGINS MICHAEL JOYCE RICHARD DUNLAY
204	MARK MELKONIAN
206	GAIL HOENIG MELISSA TOCE
207	C LEONARD
209	A KARAPATAS
210	JAMES HUNTER
221	ANNE BUZZELL
278	JAMES HUNTER
280	JOHN WARD
282	JOHN HAYES
285	WILLIAM DURFEE
286	JOHN CREETH
287	ELLEN ANDERSON
288	LOUIS KLEYNEN
290	GEORGE SPINNEY
291	ELAINE MANINOS
292	KATIE DONOVAN
293	PAUL CURTIN
294	ARTHUR DURANTE
296	CARL TOWNSEND
298	MARY KILROY SUSAN CURLEW
300	STEVEN BERUBE

SALEM ST 1999 (Cont'd)

302	DOROTHY BROOKS
305	CHIP BRUCE
306	D BROOKS
313	DAVID SARICH
314	BERTHA DEPREZ
317	D SILVESTRI
	SUSAN KREMENEZKY
321	EDWARD WHITNEY
327	JOHN SILVERS
333	JOHN FLANAGAN
337	E ANDERSON
343	ANN SCHWARTZ
	ANN WHITNEY
	GREG MONTEFORTE
344	M ELIA
390	ROBERT CARBONE
391	E REGAN
392	EDWARD SOUSA
393	CARL BUTLER
	J & L PAINTING
	JOHN LAST
395	GEORGE DOHERTY
396	CHARLES BROWN
397	GAR THOMAS-MOORE
405	MICHAEL CABRAL
409	MICHAEL GAGNON
437	ROBERT TORRI
439	PAUL DICHIARA
443	SUSAN FRANK
455	MARY SHEEHAN
457	PAUL TROXELL
459	PAUL DOERFLER
461	HOWARD KING
463	JERI GRIFFITH
465	LESLIE BROWN
467	JOHN DESFORGE
469	PHILIP MURPHY
500	BAUMWOLL ROBERT MD
	BRITT MICHAEL MD
	CARSON DANIEL MD
	ELKERM ASHRAF F MD
	HOLY FAMILY HOSPITAL AND MEDICAL CENTER
	MACKLIS MARK A MD
	SEDER CAROLINE MD
	SULLIVAN JOHN MD
	WILMINGTON HEALTH CENTER
	WILMINGTON PEDIATRICS INCORPORATED
	WINCHESTER HOSPITAL FAMILY MEDICAL CENTER
	WOBURN MEDICAL ASSOCIATES IN WILMINGTON
502	J HIRSCH

SALEM ST 1999 (Cont'd)

506	H ROTHWELL JAMES DURKEE
773	CONCRETE PRODUCTS OF LONDONDERRY INCORPORATED JOSEPH WITKUM SHEA CONCRETE PRODUCTS INCORPORATED

LOWELL RD 1995

0	MASS COMMONWEALTH OF/DEPT MENTAL RETARDATION-JOHN J BERRY REHAB
1	BRETTA LIMOUSINE BRETTA TICKETS LAURIE'S PLACE FOR PASTA MCDAID, JAS MITCHELL, P TONY'S BARBER SHOP, HAIRSTYLING
4	BYRNE'S TANG SOO DO KARATE STUDIO STOP 'N' GO VIDEO
8	FRENZO, PAUL J
10	TONE, THOS A TONE, THOS JR & PHYLLIS
12	BIRD, WILHELMINA
16	JEANES, C HUBERT
17	RUSSEK, CHAS J
18	DELANEY, FRANK X, JR
19	ORLANZO, EDW & VIVIAN
20	ENRIGHT, DANL J
21	DELFUOCO, ALBERT, JR
26	DECAREAU, JOEL & MARY
27	WATKINS, RICHARD
28	RINALDI, JOS P
30	MCKEAGUE, JOS F & MARION
34	WILLIS, DAVID T
39	TWOHIG, STEPHEN
42	CARTWRIGHT, EDW F
45	THOMAS, HARRY
53	HUDSON, JUNIOR D
55	MONTO, MICHAEL & MYRA
59	DOWNING, MARK
61	CORDESCO, GERMANO
62	MURPHY, JOS J, JR
64	BUZZOTTA, M
65	DELANEY, MAUREEN
66	JOHNSON, BRETT MCSWEENEY, DAVID
68	DIFRAIA, JOS
69	COMMUNITY, LIVING UNITS
70	STEEVES, ROBT A

SALEM ST 1995

0	CRONIN J J CO, CONTRS HEFFRON ASPHALT CORP HEFFRON MATERIALS HEFFRON MATERIALS, PLANT LAWRENCE SAND & STONE CO WILMINGTON TOWN OF-SCHOOL DEPT-NORTH INTERMEDIATE SCHOOLL
14	MITCHELL, ELLEN
15	LEBLANC, DARREN M LEBLANC, DEREK LEBLANC, EUGENE
16	BARRETT, JEAN D
17	FORTES, JOHN
18	ROBINSON, WM J & NANJI
19	JENSEN, CARL
21	DELANEY, STEPHEN G
22	ZAMMUTO, ALPHONSE
23	FRONGILLO, DAVID LYMAN, PAUL
24	SALERA, DAVID S
27	NICHOLAS, ROBT & KATHERINE
32	DEJONGH, JERRY
38	ANDERSON MASONRY ANDERSON ROOFING & SIDING ANDERSON, MORRIS
47	MADAGLIA, DONALD R, SR
54	MCHUGH, GREG & ROBYN
57	RUTTER, LARRY
59	THOMPSON, EDW E THOMPSON, KAREN M
65	QUILL, TIMOTHY J
67	FAULKNER, RICHARD & BARBARA
76	MURRAY, ALLYSON MURRAY, APRIL
79	JACKSON, PAULETTE KELLEHER, JOHN F
80	POWER, KELLEY
81	AGRENETICS ARUDA, WAYNE
82	HOUDE, CHRIS R & MARYANN
84	STUART, JOHN P
85	THOMAS, CRAIG
91	BARRASSO, EDWARD, JR
99	VACHON, PAUL D
106	MOORADD, JOHN ORROTH, STEPHEN A, III
125	RAMSDELL, KENNETH
129	GUEVARA, ANNE GUEVARA, JORGE, JR THURSTON, JOS & KATHLEEN
132	CALDERWOOD, PAUL

SALEM ST 1995 (Cont'd)

133	JENNINGS, L RANDOLPH
134	KENNEDY, BARBARA E & JOS M KENNEDY, JOHN TJ
137	DERVISHIAN, JOHN & PAT REID, P
139	FREEMAN, S W
141	CAIZZI, ATTILIO E CAIZZI, LAWRENCE J
146	PETERSON, DOUGLAS PETERSON, RALPH D
150	ARSENAULT, A ARSENAULT, DAVID A
158	BOISVERT, DENNIS
160	BIERSTEDT, R CHASE, TIMOTHY J
166	TRUSLOW, ROBERT
194	FARNSWORTH, P G RAY, THOMAS & PAM
198	THIBODEAU, DICK & DORIS
199	FOLEY, J P
200	KOMENCHUK, S W
201	MCDONALD, JOS
202	PHELPS, COREY & JEAN
204	MELKONIAN, MARK
206	TOCE, G TOCE, JENNIFER
207	LEONARD, CLARENCE E
276	DIRUPO, LOUIS & ROBERTA
278	HUNTER, JAS I & KAREN A
282	HAYES, JOHN H
285	DURFEE, WM & PATRICIA
286	CREETH, JOHN
288	KLEYNEN, LOUIS L, JR
291	MANINOS, E B
292	DONOVAN, KATIE
293	CURTIN, PAUL J & SANDRA
294	COSMAN, D A DURANTE, ART & SUE
296	TOWNSEND, CARL F
298	CURLEW, SUSAN ANN
305	BRUCE, CHIP
313	SARICH, DAVID A
314	DEPREZ, ALBERT J
317	BRUCE, APRIL BRUCE, CHESTER A & JOAN M
321	WHITNEY, EDW C JR & MARY
333	FLANAGAN, JOHN & B
343	MONTEFORTE, GREGORY C & LISA J SCHWARTZ, EARLE & ANN WHITNEY, ANN

SALEM ST 1995 (Cont'd)

344	ELIA, JOHN J, JR
391	REGAN, ELIZABETH
393	J & L PAINTING
	LAST, JOHN A JR & LYNDA
395	DOHERTY, MARY & GEORGE
396	GRIFFIN, J KENNETH
397	THOMAS-MOORE, G N & M M
409	GAGNON, MICHAEL & CORINNA
437	SALOMAN, PETER L
439	DICHIARA, PAUL A
457	ROLLINS COMPANY THE
461	WILLIS, DEBRA
463	ROUILLARD, DAVID
	ROUILLARD, PAUL
465	BROWN, LESLIE
471	BOURASSA, E
500	ANDREW, SARAH, MD
	BOTCHAN, PETER M, MD
	BRITT, MICHAEL R, MD
	BRITT, MICHAEL, MD
	CARRIGAN, JOHN L, MD
	CARRIGAN, JOHN, MD
	CARSON, DANIEL, MD
	MIRZAI, RAY
	RUBRAKE, SHARON, MD
	RUBREAK, SHARON, MD
	SEDER, CAROLINE, MD
	STEPHENS, SANDY, MD
	VISIT NURSE AND HEALTH CARE
	WILMINGTON HEALTH CENTER
	WILMINGTON INTERNISTS
	WILMINGTON INTERNISTS INC
	WILMINGTON PEDIATRICS INC
502	HIRSCH, J
506	DURKEE, JAS J
	DURKEE, JUDITH
773	LOPEZ, KATHLEEN
900	BENCON CORP
	RED-E-MIX CONCRETE CO

LOWELL RD 1992

0 FRIENDS OF HAWTHORNE WORKSHOP
HAWTHORNE ENTERPRISES
1 GANNON, S C
HALL, LINDA D
LAURIE'S PLACE FOR PASTA
OFFICE MANAGER THE
TONY'S BARBER SHOP, HAIRSTYLING
4 BYRNE'S TANG SOO DO KARATE STUDIO
8 FRENZO, PAUL J
10 TONE, THOS A
11 HAWTHORNE REDEMPTION CTR
12 SALT, N
16 JEANES, C HUBERT
18 DELANEY, FRANK X, JR
19 STATUTI, CHAS V
20 ENRIGHT, DANL J
21 DELFUOCO, ALBERT, JR
26 DECAREAU, JOEL & MARY
27 WATKINS, RICHARD
28 RINALDI, JOS P
30 MCKEAGUE, JOS F & MARION
34 WILLIS, DAVID T
39 TWOHIG, STEPHEN
42 CARTWRIGHT, EDW F
45 THOMAS, HARRY
53 HUDSON, JUNIOR D
55 WOODS, L B
59 DOWNING, MARK
61 CORDESCO, GERMANO
62 MURPHY, KEVIN M
68 DIFRAIA, JOS
70 STEEVES, ROBT A

SALEM ST 1992

0	CRONIN J J CO, CONTRS HEFFRON ASPHALT CORP HEFFRON MATERIALS LAWRENCE SAND & STONE CO WILMINGTON TOWN OF-SCHOOL DEPT-NORTH INTERMEDIATE SCHOOL
14	MITCHELL, ELLEN
15	LEBLANC, DARREN M LEBLANC, EUGENE
16	ANNESE, JEAN D
17	FORTES, JOHN FORTES, SHELLEY
18	ROBINSON, WM J & Nanci
19	JENSEN, CARL
21	DELANEY, STEPHEN G
22	ZAMMUTO, ALPHONSE
23	O'NEILL, MICHAEL
24	SALERA, DAVID S
27	ELWELL, MARK
28	HEFFRON MATERIALS
32	DEJONGH, JERRY
38	ANDERSON CONSTRUCTION & GENERAL CONTRACTING ANDERSON MASONRY ANDERSON ROOFING COMPANY ANDERSON, MORRIS SPINALE, F WELCH, MILDRED L
47	HARVEY, MARK P & KELLY
54	MCHUGH, GREG & ROBYN
57	RUTTER, LARRY
59	THOMPSON, EDW E
65	QUILL, TIMOTHY J
67	FAULKNER, RICHARD & BARBARA
74	OLSON, MARCIA L
76	MURRAY, ALLYSON MURRAY, APRIL
79	JACKSON, PAULETTE KELLEHER, JOHN F
80	PATRICK, EVAMARIE
81	ARUDA, WAYNE
82	SECHER, D L
84	PHILLIPS, A L PHILLIPS, STEPHANIE STUART, JOHN P
85	HOLLADAY, M L
91	BARRASSO, EDWARD, JR
93	SOLOMON, D W
99	VACHON, PAUL D
106	FARRELL, TOM MOORADD, JOHN ORROTH, STEPHEN A, III

SALEM ST 1992 (Cont'd)

125	RAMSDELL, KENNETH
129	THURSTON, JOS & KATHLEEN
133	JENNINGS, L RANDOLPH
134	KENNEDY, BARBARA E & JOS M
137	DERVISHIAN, JOHN & PAT REID, P
139	FREEMAN, S W
141	CAIZZI, LAWRENCE J
146	PETERSON, DOUGLAS B
150	ARSENAULT, A ARSENAULT, DAVID A CARROLL, ROBT
158	BOISVERT, DENNIS
160	GOODRICH, PETER
166	TRUSLOW, ROBERT
194	FARNSWORTH, P G RISSER, M B
199	FOLEY, J P
200	KOMENCHUK, S W
201	MCDONALD, JOS
202	PHELPS, COREY & JEAN
204	MELKONIAN, MARK
205	CANTWELL, LAURA & BRIAN CANTWELL, SUSAN
206	TOCE, G TOCE, JENNIFER
207	LEONARD, CLARENCE E
276	DIRUPO, LOUIS & ROBERTA
278	HUNTER, JAS I & KAREN A
282	HAYES, JOHN H
285	DURFEE, WM & PATRICIA
286	ALTOBELLI, DAVID DR & ROSEMARY
288	KLEYNEN, LOUIS L, JR
291	MANINOS, E B
293	CURTIN, PAUL J & SANDRA
294	COSMAN, D A DURANTE, ARTHUR
296	TOWNSEND, CARL F
305	HANDRAHAN, JOS J
313	SARICH, DAVID A
314	DEPREZ, ALBERT J
317	BRUCE, CHESTER A & JOAN M
321	WHITNEY, EDW C JR & MARY
343	WHITNEY, ANN
344	ELIA, JOHN J, JR
391	REGAN, ELIZABETH
392	LASER'S EDGE
393	J & L PAINTING LAST, JOHN A JR & LYNDA
395	DOHERTY, M V

SALEM ST 1992 (Cont'd)

397 THOMAS-MOORE, G N & M M
405 LEAVITT, KENNETH M
437 SALOMAN, PETER L
439 DICHIARA, PAUL A
457 ROLLINS CO THE
ROLLINS, DAVID L
463 GAULDER, KERRY
ROUILLARD, DAVID
465 CORRENTE, MICHAEL JR & VALERIE
471 BOURASSA, E
500 BAUMWOLL, ROBT, MD
KRESS, ARTHUR, MD
MYERS JOHN, MD
SALOMON DAVID, MD
502 HIRSCH, J
506 DURKEE, JAS J
773 LOPEZ, KATHLEEN
900 RED-E-MIX CONCRETE CO

LOWELL RD 1986

● LOWELL RD
Begins Main Street
Ends Wilmington
Line

● RR 2	01864
1-	99 TZ3302	\$8.813
1	R Barrett	.76 664-6398
	Lucy M Howard	.83 664-2986
	★Lynnfield Villager	.81 664-4761
	★N Reading Trans	.81 664-4761
	★N Reading Trans	.82 944-6900
	★Our Place Fr Pasta	.83 664-8603
	★Ramys Hair Stylsts	.83 664-8576
	★Tony's Barber Shop	.76 664-8597
8	Paul J Frenzo	.55 664-4416
10	Thomas A Tone	.68 664-4578
12	M Wilder	.82 664-5041
13	Russell O'Neil	.84 664-3423
16	C Hubert Jeanes	.68 664-3492
17	Charles J Russek	.70 664-4297
18	Frank X Delaney Jr	.70 664-4949
19	C V Statuti Atty	.68 664-3000
20	Daniel J Enright	.79 664-3312
21	Albert Delfuoco Jr	.73 664-5374
27	Richard Watkins	.83 664-3499
28	Joseph P Rinaldi	.71 664-2267
30	Lawrence Whittier	II 664-5633
31	Minna A Wilkinson	.82 664-4231
34	David T Willis	.84 664-0143
42	E F Cartwright	.68 664-4172
45	Harry Thomas	.66 664-3902
53	M P Beagen	.83 664-2793
55	L B Woods	.68 664-3274
59	Mark Downing	II 664-4329
61	Germano Cordesco	.68 664-2719
62	Alfred Battista	.68 664-3592
65	★Fitzgerald & Assoc	.82 664-4709
	Jon Fitzgerald	.84 664-4357
68	Joseph Difraia	.68 664-2673
	Joseph Difraia Jr	II 664-0558
70	Robert A Steeves	.73 664-5894
92	Morris J Feigen	.72 664-5288
NO #	★Friends of Hwthrn	.81 664-4593
NO #	★North Shore Sp Ed	.77 664-4139
	29 RESIDENCE	9 BUSINESS

● MACARTHUR RD
Begins Off Linwood
Avenue

● RR 2 01864

SALEM ST 1986

23	Joseph Mottola	.84	658-5631
	7 RESIDENCE		
● SALEM ST			
Begins Tewksbury			
Line Ends N			
Reading Line			
● RR 4 * * * * *			
	12- 199 TZ3312		01887
	200- 399 TZ331101		*C.F10
	400- 798 TZ331101		*A.E11
E	401- 799 TZ331102		*B.G11
O			
14	William T Mitchell	.77	658-8103
15	Eugene Leblanc	.84	658-7346
16	Stephen L Crampe		657-8694
17	John Fortes	.73	658-5961
18	Peter Laguidara	.80	658-2011
19	Carl Jensen	.67	657-4247
	S J Jensen	.82	658-5091
21	Stephen G Delaney	.84	658-9681
22	Alphonse Zammuto	.78	658-7063
23	David Weisberg	.72	658-2588
24	David S Salera	.84	658-8085
27	Joseph Bean	.84	658-9132
	Thomas Hickey		657-5220
30	Lillian Stanley	.84	658-6450
31		NP	
32	Jerry Dejongh	.74	657-7655
34		NP	
36	W H MacDougall	.73	658-9743
	Evelyn F Weider	.73	658-9743
45	47	NP	
49	Chester M Ryan	.73	658-4011
51		NP	
54	Robyn M Grasing	.83	657-8509
57	Larry Rutter	.84	658-6276
59	Edward E Thompson	.74	658-3951
	Robert Thompson	.84	657-6564
63	George W McFeeters	.74	658-3632
65		NP	
67	David McLean	.83	657-8303
72		NP	
74	Morris Anderson		658-3243
79	Paulette Jackson	.83	658-8693
80	Adam Kozlowski	.63	658-2278
81	Wayne Aruda	.82	658-4666
82	S Chunglo	.84	658-5422
	S Johnson	.84	658-5422
84	Sharon A Gray		657-5376
	Sheila Paulsen		657-5376
	R Phillips	.84	658-2919
85	M L Holladay	.78	658-5273
91	James Renzi	.82	658-4748
93	P Solomon	.79	657-7731
106	John J McAuliffe	.77	658-3579
116	124	NP	
129	Kenneth St Pierre	.84	657-6133
130	Jerry L Maffeo	.64	658-9297
131		NP	
133	L R Jennings	.77	658-2639
134		NP	
136	Donald C Eaton	.62	658-8718
137	Joseph Donato	.83	658-8477
139	S W Freeman	.82	657-8206
141	Lawrence J Caizzi	.73	658-5703
142	Eleanor Picanso	.62	658-9064
146	Ralph D Peterson	.73	658-4059
150	B M Allison		658-3072
	L S Giles		657-8573
158	Kenneth Corum	.80	658-7587
159	Carl W Butters	.84	658-4925
160	Fred T Corum	.62	658-3185
175		NP	
187	A M Kelly	.81	658-7664
192	Ralph S Newell	.76	658-2457
194	John F Lacey	.69	658-8869
196	Francis X Carroll	.67	658-8681
197	R P Kiesinger	.76	658-4009
198	★Floors Unlimited		658-7940
	Dick Thibodeau	.64	658-8636
199		NP	
200	S W Komenchuk	.79	658-7515
201	Joseph McDonald	.73	658-6238
202	J Scott Pauquette		657-6183
203	205	NP	
207	Clarence E Leonard	.70	658-3780
221	Philip Buzzell	.65	658-2026
231	235	NP	
278	James I Hunter		657-8792
282	John H Hayes	.75	658-5578
285	Ralph Martin	.74	658-6024
286	Daniel D Gentile	.65	658-8722
287	Robert D Anderson	.66	658-8552
288	Louis L Kleynen Jr	.74	657-7886
290	George F Spinney	.62	658-4181
291	Andrew C Maninos	.73	658-2459

MAY NOT BE KEY PUNCHED ENTERED INTO A COMPUTER
To The Street * — Business Listing TZ — Trading Zone 72

SALEM ST 1986

/PSP		1986 LOWELL	
291	Julie Maninos	.84	658-2242
292		NP	
293	Paul J Curtin	.69	658-5932
294	D A Cosman	.76	658-8107
296	Tony Ardito	.84	658-9143
● RR 4 297-311 O 01887			
● RR 6 298-312 E 01887			
298	George L Kilroy	.62	658-2397
300	John Brooks	.67	658-2753
306	Joseph Brooks	.67	658-8106
307	Joseph J Handrahan	.68	658-3919
● RR 6 01887			
313	Donald M Harrison	.81	658-3477
	R C Levasseur	.79	658-7548
	David A Sarich	.81	658-8276
314	Albert J Deprez	.73	658-9063
317	Chip Bruce	.83	657-7321
	Chester A Bruce	.81	657-7013
321	E C Whitney Jr	.74	658-2934
327	J P Silvers	.66	658-4152
337	Bruce C Anderson	.73	658-3840
343	Ann Whitney	.83	658-3948
344	John J Elia Jr	.64	658-4050
390		NP	
391	Eliz Ruth Regan		657-4665
392	Edward L Sousa	.68	658-6909
393	Bob Butler	.64	657-6339
	Carl Butler	.64	658-4223
	R Joseph Rich		658-9633
394		NP	
395	M V Doherty	.84	658-5226
396	Robert E Gedney	.73	658-8294
397	Joseph Denatale		657-5281
	G N Thomas-Moore	.83	657-8688
404	K E Scott	.67	658-4472
405	★Dr Kenneth Leavitt	.84	658-5116
430	James E Surette Jr		658-5187
437	Geo O Eisenberg	.75	658-9808
439	Eric J Gubellini	.83	658-8250
443	Daniel Devine	.81	657-7199
455		NP	
457	★The Rollins Co	.83	658-8555
	David L Rollins	.83	658-5261
461	Michael J Mulryan	.71	658-8403
463	Kerry Gaulder	.73	658-2318
	David Rouillard	.73	658-2318
465	P J Smith	.84	658-7095
467	Gerald O Desforge	.67	658-8653
469	Philip T Murphy	.82	658-6323
471	Pamela Bourassa	.64	657-4219
500	★Dr Robert Baumwoll	.79	657-3910
	★Dr John Myers		657-3910
	★Dr David Salomon	.82	657-3910
	★Dr S Tenney		657-3910
	★Dr Wayne Weinreb		657-3910
	★Wilmington Health	.79	657-3910
	★Wilmington Reg Hlth	.79	657-3910
502	J Hirsch	.81	658-6488
530	J Mencher		658-6488
536	James J Durkee		657-7075
	Leslie A Durkee	.65	658-3089
773	★Concrete Products		658-2645
	★Shea Concrete	.81	658-2645
NO #	★Benevento Snd&Grvl		658-4762
NO #	★J J Cronin Co		658-3602
NO #	★Heffron Asphalt Co	.76	658-2721
NO #	★Red-E-Mix Corp	.82	657-6574
NO #	★N Wil Intr Sch Ofc		657-7111
NO #	★N Wil Intr Guid		657-7061
	136 RESIDENCE	18	BUSINESS
● SCALTRITO DR			
● RR 4 01887			
	1- 99 T2312		6C.F10

APPENDIX J

Qualifications of Environmental Professionals

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Site visits, research, interviews, and report writing were performed by Mr. Joseph Spencer. Mr. Spencer received his BS degree in 2011 from the University of Massachusetts Boston in Environmental, Earth, and Ocean Sciences, and is currently pursuing an MS degree at the University of Massachusetts Lowell in Environmental Geoscience. Mr. Spencer has 4 years of experience in environmental research and consulting.

All work completed as part of this ESA was supervised and reviewed by Mr. Richard S. Vandenberg, CG, PG. Mr. Vandenberg received his BA degree in 1987 from the University of Maine in Geology and Chemistry, and has completed graduate level coursework in geological mapping at Fort Hays State University in Kansas. Mr. Vandenberg has over 25 years of experience in environmental consulting.

Please note that the signatories are not acting in their LSP capacity or as an LSP-of-Record under the provisions of the Massachusetts Contingency Plan, 310 CMR 40.0000.