

Southampton Greenway
Coleman Road to Brickyard Road
Southampton, Massachusetts

Phase I Environmental Site Assessment

Prepared For:

**Town of Southampton
Southampton, Massachusetts**

June 2017
Amended November 2017

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Section 1

Introduction

Tighe & Bond has completed this Phase I Environmental Site Assessment (ESA) that focused on the railroad corridor located between Coleman Road and College Highway in Southamptton, Massachusetts ("the subject site"). Additionally we walked the railroad corridor and reviewed public files for the section between Brickyard Road and College Highway on October 24, 2017. The subject site is shown on the Site Location Map provided in Appendix A. This ESA was performed at the request of the Town of Southamptton. The assessment was performed in accordance with Environmental Protection Agency Standards and Practices for All Appropriate Inquiries and the American Society for Testing Materials (ASTM) Standard E1527-13 for Phase I Environmental Site Assessments.

The purpose of the assessment was to identify existing, historic, or potential recognized environmental conditions (RECs) associated with current or past activities at the subject site. A Site Location Map, Massachusetts Geographical Information Systems (MassGIS) Priority Resource map and an Orthophotograph are provided in Appendix A as Figures 1, 2 and 3, respectively. The tasks performed to evaluate the subject site included:

- An environmental database search, including a review of local, state and Federal records pertaining to the use, storage and release of oil and hazardous substances in the subject site vicinity;
- A review of the available Town of Southamptton Assessor's office, Board of Health, Building Department and Fire Department records;
- Historical research;
- A review of available geological publications and maps for the subject site area; and,
- A subject site reconnaissance visit, which included walking/observing the former railroad corridor from Coleman Road to College Highway.

1.1 Key Definitions and Acronyms

This section summarizes some of the definitions and acronyms used throughout the report. The definitions have been excerpted directly from the ASTM E1527-13 standard.

- Business Environmental Risk – A risk which can have a material environmental or environmentally -driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice.
- Data Gap - A lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information.
- Engineering Controls (EC) – Physical modifications to a subject site or facility to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on the property. Engineering controls are a type of activity and use limitation (AUL).

- Environmental Lien – A charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property.
- Environmental Professional (EP) – A person meeting the education, training, and experience requirements as set forth in 40 CFR 312.10 (b).
- Environmental Site Assessment (ESA) – The process by which a person or entity seeks to determine if a particular parcel of real property (including improvements) is subject to RECs.
- Historical REC – A past release of any hazardous substances or petroleum products that has occurred in connection with the property and which has been addressed to the satisfaction of the applicable regulatory authority.
- Institutional Controls (IC) – A legal or administrative restriction on the use of, or access of, or access to, a subject site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or ground water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An institutional control is a type of AUL.
- OHM – Oil or Hazardous Materials
- Reasonably Ascertainable - Information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.
- Recognized Environmental Conditions (RECs) – The presence or likely presence of any hazardous substances or petroleum products in, on or at a property:
 1. Due to releases to the environment;
 2. Under conditions indicative of a release to the environment; or,
 3. Under conditions that pose a material threat of a future release to the environment. *De minimus* conditions are not recognized environmental conditions.

Section 2

General Site Description

Existing conditions at the subject site and in the surrounding area were evaluated through a reconnaissance visit to the subject site and a review of town records. In addition, environmental conditions were evaluated through a review of other available records and published mapping of the area surrounding the property.

2.1 Existing Conditions

A description of the subject site and surrounding properties is presented in the following sections.

2.1.1 Property Description and Site Use

The subject site is currently developed as a continuous rail trail with numerous bridges for road and river crossings. No buildings or occupied structures were identified on the subject site. Topographic alterations have occurred along the length of the subject site to allow for a graded railroad corridor. The geographical location of the subject site (as measured from the beginning on Coleman Road) are 42.250837 degrees north latitude and 72.695464 degrees west longitude. The Universal Transverse Mercator (UTM) coordinate for the site are 690109.8 meters Easting and 4680198.4 meters Northing. The subject site occupies an approximate stretch of 4.2 miles in length and encompasses an approximately 46-acre parcel of land.

The Town of Southampton Assessor's records do not include information about any buildings or structures existing on the subject site. The subject site is currently held by the Pioneer Valley Railroad Company, Inc. The Site Location Map, attached as Figure 1 in Appendix A, identifies the location of the subject site on the Mount Tom and Easthampton, Massachusetts Quadrangles published by the United States Geological Survey (USGS) and last revised in 1979.

2.1.2 Surrounding Property Description

The subject site is located in the eastern part of Southampton with a portion of the site parceling the Manhan River. The site is abutted by pertinent features including the Manhan Meadow, Manhan River, O'Hara Pond and various agricultural and residential properties. To the north, the site is abutted by the Easthampton Rail Trail (now developed as a bike trail). It is Tighe & Bond's understanding that Southampton plans to continue the Easthampton/Manhan Bike Trail through Southampton, to College Highway.

2.2 Area Mapping

Mapping reviewed as part of this investigation included United States Geological Survey (USGS) topographic, surficial geology and bedrock geology maps as well as Massachusetts Geographic Information System (MassGIS) mapping.

2.2.1 Topography and Drainage

The Site Location Map, attached as Figure 1 in Appendix A, identifies the subject site based on the Topographic Maps for Mount Tom and Easthampton, Massachusetts, published by the United State Geological Survey (USGS). According to the topographic contours shown

on Figure 1, the site varies in elevation along its corridor from approximately 160 to 200 feet above mean sea level. According to data provided by Environmental Data Resources (EDR), the subject site is located at an elevation of approximately 171 feet above mean sea level; however, grades vary throughout the entirety of the site.

Topography at the subject site is generally artificially raised or lowered to allow for minimally sloped track down the middle of the subject site. Stormwater appears to generally follow surface topographic across the subject site and often discharges to nearby stream or puddles at the toe of the slope of anthropogenically raised grades across the subject site. Surface water bodies, including O'Hara Pond, the Manhan River and Lost Pond, were located adjacent to the subject site, and the subject site crosses numerous water bodies. The subject site was bridged to cross the Manhan river, and culverts were typically used for stream crossings. Culverts and streams were identified by PARE during a Feasibility Study at the subject site. During the site reconnaissance visit Tighe & Bond personnel reviewed the mapped culverts and stream crossings provided by PARE and did not identify any disparities in the data.

2.2.2 Site Hydrology

The groundwater flow direction at the site is expected to be to the east/northeast, toward the Manhan River (a tributary of the Connecticut River).

According to a Flood Insurance Rate Map (FIRM) (Panel No. 2501710010A and 2501710020A, both effective December 4, 1979) obtained from the Federal Emergency Management Agency (FEMA), part of the subject site is located within the limits of an area of 1% (100-year) annual chance for flooding. Portions of the site also run through areas between the limits of the 1% chance for annual flooding and 0.2% (500-year) chance for annual flooding. These areas typically relate to portions of the site adjacent to the Manhan River. Portions of the site also run through areas of minimal flooding (0.2% annual chance), particularly as distance from the Manhan River is increased. Due to the length of the site FIRM maps have not been provided, however, copies of the FIRM maps can be found at the FEMA Flood Map Service Center online mapping site.

2.2.3 Bedrock Geology

According to the Bedrock Geology Map of Massachusetts (E-an Zen, 1983) bedrock beneath the site has been mapped as Sedimentary and Volcanic Rocks of the Hartford Basin (Lower Jurassic and Upper Triassic). Specifically, the site includes New Haven Arkose, described as red, pink and gray, coarse grained arkose interbedded with brick-red shaley siltstone and fine-grained arkosic sandstone.

2.2.4 Surficial Geology

Exposed surficial soils observed during the site reconnaissance consist of brown, fine to coarse sand and gravel with little silt. The surficial geology around the subject site was historically altered to allow for proper railroad access and grading of the railroad. Therefore, fill was likely taken from spots of the site and used elsewhere, or brought in from off-site.

According to U.S Department of Agriculture (USDA) Soil Conservation Service (SCS data from the EDR report, site soils generally consist of loamy sands. These soils generally have high infiltration rates with high rates of drainage.

2.2.5 Surrounding Resource Areas

According to the MassGIS map (see Figure 2 in Appendix A), the site is located within a Potentially Productive Medium Yield Aquifer and generally runs through segments of mapped DEP Approved Wellhead Protections Areas (Zone II and Interim). A MassDEP Approved Zone I Wellhead Protection associated with a Community Public Groundwater Supply exists approximately 1,500 feet to the north of the site. Additionally, the site runs through Natural Heritage and Endangered Species Program (NHESP) mapped priority habitats for rare species and estimated habitats for rare wildlife. The site runs adjacent to the Manhan River and crosses numerous streams and wetlands associated with the Manhan River Watershed. Numerous NHESP Potential and Certified Vernal Pools exist within a 0.5-mile radius of the site associated with the Manhan River and its various tributary streams and wetlands. The site exists within areas designated as Protected and Recreational Open Space.

2.3 Site Reconnaissance

The subject site was reviewed with respect to evidence of releases or potential releases of oil or hazardous materials to the subject site soil and/or groundwater. A site map showing the approximate site boundaries and limits of this Phase I ESA is provided in Appendix A. Photographs taken during the site reconnaissance visit are provided in Appendix B.

Tighe & Bond conducted a site reconnaissance visit on June 9, 2017. Due to the lengthy site history and undeveloped nature of the site, Tighe & Bond was not accompanied by personal with extensive knowledge about the site history and features.

Tighe & Bond conducted a second site reconnaissance visit on October 24, 2017, to review environmental conditions along the segment of railroad corridor between College Highway and Brickyard road that was not completed during the first reconnaissance visit. This visit and public records file review, as amended in this report, did not identify any RECs associated with the subject site.

The subject site is an approximately 4.2-mile stretch of railroad easement located in eastern Southampton. The site is accessible from the north via Coleman road but can also be accessed through any of the crossroads. The site is typically vegetated with forested land. Abutters to the site include residential, commercial/industrial and agricultural properties. There are no occupied structures or buildings on the site.

Tighe & Bond was able to access all portions of the site. The perimeter along the length of the subject site was observed with respect to dumping, with attention paid to areas accessible to automobiles. No potential illegal areas of dumping were identified, and no chemicals or drums evident of OHM were observed during the site reconnaissance visit. Small areas of debris including metal waste, tires, and minor littering were identified throughout the subject site. Anthropogenic topographic changes were observed within the limits of the subject site, which are attributable to typical railroad development.

Portions of the site appear to be located adjacent to wetlands or surface water bodies. A damaged bridge was present near where the railroad tracks crossed Riverdale Road and the Manhan River. The property was used as a historic railroad corridor and railroad tracks and ties are present across the length of the subject site. Tighe & Bond did not identify

any areas of stressed vegetation indicative of leaching chemicals from the railroad ties or releases of OHM.

2.4 Interviews

On June 28, 2017, Tighe & Bond contacted the Southampton Assessor's Office to request records on the subject site. Tighe & Bond received an updated property card for the subject site, which can be found in Appendix C.

On June 28, 2017, Tighe & Bond contacted the Southampton Fire Department to request records on above ground and underground storage tank installation or removals at the subject site. According to Fire Captain Patrick Eline, no storage tank records were available for the subject site.

On June 28, 2017, Tighe & Bond contacted the Southampton Health Department to request records on the subject site. According to Gerri Swanson, no Board of Health documentation was available for the subject site.

On June 28, 2017, Tighe & Bond contacted the Southampton Building Department (Inspectors) to request records on the subject site. According to Art Lawrence, a member of the conservation commission, no records pertaining to the subject site were available.

2.5 Site History

Previous uses of the property and surrounding area are presented in the following sections. This information is based upon historical records and a search of databases maintained by state and Federal agencies.

Tighe & Bond commissioned a search of available historical Sanborn Fire Insurance Maps for the subject area with Environmental Data Resources (EDR) of Milford, Connecticut. EDR searched the Sanborn Library and concluded fire insurance maps covering the subject site were not available.

2.6 Previous Investigations

No previous investigation reports have been provided to Tighe & Bond.

2.7 Additional Information Sources

No additional information sources were utilized for the purposes of this report. It is the opinion of Tighe & Bond that the review of historical records and release sites, interviews, and the site reconnaissance sufficiently characterize historic and current subject site conditions.

Section 3

Environmental Review

3.1 Environmental Records Review

As part of this investigation, Tighe & Bond commissioned a database search of Federal and State records that would indicate the potential presence of RECs at or in close proximity to the subject site. The Radius Map Report by EDR is presented in Appendix C. Tighe & Bond also inquired about existing subject site records on file with the Assessor's office, Board of Health, Building Department and Fire Department as part of this Phase I investigation.

3.2 Database File Search

A Federal and state database search for the subject site and surrounding area was conducted using EDR and is included in their *EDR Radius Map with GeoCheck®* report provided in Appendix C. The date of the most recent update by the regulatory agency maintaining each database is listed at the end of the EDR report. Properties with minimal address information (orphans) are listed separately in the report. The orphan properties were reviewed to determine if they are located in close proximity of the subject site.

The executive summary in the EDR Report indicated that a search of available information in Federal and state databases identified several mapped sites within the specified radii. These search distances, which are specified in the EDR Report, conform to the minimum requirements of the current ASTM and AAI subject site assessment standards.

As indicated above, properties with minimal address information that may be located in close proximity to the subject site are listed separately in the database report as "orphans". EDR could not specifically locate these properties due to incomplete or inaccurate addresses. That list (7 records) has been reviewed by Tighe & Bond to determine which properties are located within the specified database radii.

Based on our review, 3 of the orphan sites listed by EDR fall within the applicable AAI/ASTM search radii. These include the "Southampton Route 10 Landfill", "Southampton Tire Pile" and the "Pole 18". Both the Southampton Route 10 Landfill and Southampton Tire Pile (located on Gunn Road) are close solid waste/landfills. The Southampton Tire Pile is reported by the MassDEP to be closed and lined. The Southampton Route 10 Landfill is inactive unlined municipal solid waste facility. Neither of these solid waste facilities are expected to have impacted subject site environmental conditions. The other orphan site (Pole 18) is discussed in greater detail below:

Pole 18 – Pleasant Street, Southampton RTN 1-10955

RTN 1-10955 was assigned to this property on July 15, 1995 following the sudden release of approximately 18 gallons of mineral-oil dielectric fluid (MODF) from a transformer. Based on the MassDEP map, the site appears to be approximately 1 mile east of the subject site. Remedial activities consisted of the removal of approximately 5 cubic yards of MODF-impacted soils. Site remedial activities reduced contaminant concentrations to a level of No Significant Risk, and a Class A-1 Response Action Outcome (RAO) was filed

for the site on August 31, 1995. Based on the limited volume of MODF released, distance to the subject site, and remedial efforts conducted at the site, this site is unlikely to have impacted environmental conditions on the subject site.

TABLE 3-1

Database File Search Summary
Coleman Road
Southampton, Massachusetts

| Database Searched | Search Radius (mile) | Sites Listed |
|--|----------------------|--------------|
| ASTM Standard E1527-13 Requirements | | |
| Federal National Priority List (NPL) | 1.0 | 0 |
| Federal Delisted NPL | 0.5 | 0 |
| Federal CERCLIS List | 0.5 | 1 |
| Federal CERCLIS NFRAP List | 0.5 | 1 |
| RCRA CORRACT Facilities | 1.0 | 0 |
| RCRA non-CORRACTS TSD Facilities | 0.5 | 0 |
| RCRA Generators – Large and Small Quantity | 0.25 | 1 |
| Federal Emergency Response Notification System (ERNS) | Target Property | 0 |
| Federal Institutional Controls/Engineering Control Registry | 0.5 | 0 |
| State (and Tribal) Identified Hazardous Waste Sites and Equivalent CERCLIS | 1.0 | 5 |
| State (and Tribal) Listed Landfills and Solid Waste Facilities | 0.5 | 1 |
| State (and Tribal) Leaking UST/ASTs | 0.5 | 3/0 |
| State (and Tribal) Registered UST/AST | 0.25 | 0/0 |
| State (and Tribal) Institutional Controls/Engineering Control Registries | 0.5 | 1 |
| State (and Tribal) Voluntary Cleanup | 0.5 | 0 |
| State (and Tribal) Brownfields | 0.5 | 2 |
| Non-ASTM Standard E1527-13 Requirements* | | |
| Emergency Release/Spills | Target Property | 0 |
| Regulated Drycleaning Facilities | 0.25 | 0 |
| EDR US Historic (Potential) Dry Cleaners | 0.125 | 0 |
| Facility Index System (FINDS) | Target Property | 0 |

*Not all-inclusive; see EDR® report in Appendix C for further details

Of the ASTM-required database listings reported by EDR, three Leaking USTs are located within 0.5 miles of the subject site. EDR has also identified five State Hazardous Waste Sites (SHWS) mapped as being within a one-mile radius of the subject site. Of the SHWS

identified by EDR, only one (Mr. Stripper) is mapped within 0.125 miles of the subject site.

Each of the SHWS were reviewed for the potential to impact subject site environmental conditions. Based on the relative distance and location of the SHWS to the subject site, the current regulatory status, and the release site details, most of these sites are not likely to have had an impact on the subject site. These sites were reviewed briefly through the EDR Radius Report and using the on-line MassDEP waste site database and are summarized below.

- **Apartment Complex**, located at 420 Main Street in Easthampton. The site is located 0.223 miles (1,177 feet) from, and upgradient of, the subject site. The site was reported following a detection of gasoline from a Leaky Underground Storage Tank (LUST). A Permanent Solution has been achieved at the site. This site is not expected to impact the subject site.
- **JP's Elastomerics Corporation**, located at 412 Main Street in Easthampton. The site is located 0.266 miles (1,403 feet) from, and upgradient of, the subject site. The MassDEP was notified of a release of Freon at the site from a refrigeration unit. Response actions included the repairs and replacement of the refrigeration unit. A Class B-1 RAO has been filed for the site because a level of No Significant Risk exists at the site. The site is not expected to impact the subject site.
- **Former Zonolite Plant**, located at 19 Wemelco Way in Easthampton. The site is located 0.311 miles (1,643 feet) from, and upgradient of, the subject site. The site was reported to the MassDEP following the detection of asbestos at the site. Currently a Class A-3 RAO exists for the site that placed a cap and Activity and Use Limitation (AUL) on the property. Based on the relative distance and contaminant of concern (asbestos), this site is unlikely to impact the subject site.
- **BFI Truck**, located at 143 College Highway in Southamptn. The site is located 0.387 miles (2,043 feet) from, and upgradient of, the subject site. The site was reported to the MassDEP following the release of approximately 15 gallons of hydraulic fluid. In 2001, a Class A-1 RAO was achieved at the site indicating all contamination has been reduced to background. This site is not expected to impact the subject site.
- **Mid Town Motors**, located at 151 College Highway in Southamptn. The site is located 0.431 miles (2,274 feet) from, and upgradient of, the subject site. The site was reported to the MassDEP following the detection of gasoline from a LUST. A Permanent Solution has been achieved at the site detailing contamination has been reduced to background levels. This site is unlikely to impact the subject site.
- **Residential UST near Canal Lanes**, located at 76 College Highway in Southamptn. The site is located 0.470 miles (2,480 feet) from, and upgradient of, the subject site. The site was reported to the MassDEP following the release of no. 2 fuel oil from a residential UST. A Class A-2 RAO has been filed for the site stating a Permanent Solution has been achieved. This site is unlikely to impact the subject site.

- **Main Street Service**, located at 317 Main Street in Easthampton. The site is located 0.882 miles (4,655 feet) from, and upgradient of, the subject site. The site was reported to the MassDEP following the historic release of gasoline to site soils and groundwater. Currently, the site has filed for a temporary solution statement but ongoing remediation and monitoring is likely necessary. Based on the relative distance to the subject site, this site is unlikely to impact the subject site.

Of the SHWS identified by EDR, one site falls within a 0.125-mile radius of the subject site, and is discussed in more detail in Section 3.3.

3.3 MassDEP File Review

Further review of listed release sites at or in close proximity to the subject site was conducted through an on-line review of Bureau of Waste Site Cleanup (BWSC) files available on MassDEP's website at <http://public.dep.state.ma.us/SearchableSites2/Search.aspx>. Our findings are detailed below.

Subject site

The subject site was not identified in the EDR Radius Report.

Former MR. Stripper – 6 Coleman Road

RTN 1-00264

This site is located 0.081 miles (427 feet) north of the subject site. Based on area topography and a stream and wetland area located south of the site (between the site and the subject site), the site is anticipated to be hydrogeologically upgradient of the subject site. The site was identified by the MassDEP during an unannounced inspection conducted on June 6, 1986 which revealed waste liquids were disposed into a floor drain leading to a pipe that discharged near the stream in the south of the property. The furniture stripping facility closed thereafter, but left several drums of waste material at the facility barn and the site was listed as a brownfields site. Response actions conducted at the site indicate groundwater contamination was reduced to a level of No Significant Risk, and sources (including the vacant drums) were removed from the site. The MassDEP has determined No Further Actions are warranted for the site. Based on the regulatory status of the site and the direct MassDEP involvement, this site is unlikely to have impacted the subject site environmental conditions.

3.3.1 Additional File Review

As part of our file review, Tighe & Bond personnel reviewed information for the subject site available through the Town of Southamptton Assessor's Office, Board of Health, Building Department and Fire Department.

Assessor's Office: According to the Town of Southamptton Assessor's Office, the subject site is currently owned by the Pioneer Valley Railroad Company, Inc. who obtained the property in September of 1982. No buildings were identified of the subject site property. The property was identified by the assessor's office to encompass a land area of 1,984,158 square feet (approximately 46-acres). According to Assessor's Office personnel, the online database has not been updated to reflect current conditions. Unofficial images of the property card and sales records are provided in Appendix C.

Health Department: Tighe & Bond spoke with Gerri Swanson of the Southampton Board of Health. According to Ms. Swanson, no records applicable to the subject site property were identified.

Fire Department: Tighe & Bond spoke with Fire Captain Patrick Eline regarding underground or above ground storage tank documentation for the subject site. No records applicable to the subject site property were identified.

Building Department: Tighe & Bond contacted Art Lawrence of the Southampton Building Department. According to Art, who works specifically with the conservation commission, no records applicable to the subject site were available.

US EPA Radon Zones: Tighe & Bond reviewed the Environmental Protection Agency (EPA) Map of Radon Zones by County. According to the EPA online database, the subject site is located within EPA Radon Zone 2. The Zone 2 indoor average level for radon is between 2 and 4 pCi/liter. However, as detailed previously, no buildings are currently present on the subject site and no opinion regarding potential risks associated with radon gas exposure can be made.

As per USEPA guidelines, the only way to assess potential radon gas exposure risks is to conduct a radon assessment. In addition, the USEPA recommends that follow-up tests on large buildings should be conducted when major modifications are made either to the building structure or HVAC system or the HVAC system's operation settings.

3.4 Vapor Intrusion Conditions Assessment

Based on a review of nearby hazardous release sites, Tighe & Bond has not identified any records of releases that would impact the subject site in respect to the potential for a vapor intrusion exposure pathway. A clear site plan depicting the limits of solvents and Volatile Organic Compounds (VOCs) from the Former Mr. Stripper was not identified in the MassDEP website, however, according to the MassDEP all concentrations were below levels that would cause a Significant Risk. In addition, there are currently no occupied buildings at the subject site, and it is Tighe & Bond's understanding future site use will likely not include construction of an occupied building, therefore vapor intrusion pathways are not likely.

Section 4

Conclusions

Tighe & Bond has completed this *Phase I Environmental Site Assessment* that focused on a railroad property between Coleman Road and Brickyard Road in Southampton, Massachusetts ("the subject site"). The assessment was conducted for the Town of Southampton in accordance with Environmental Protection Agency Standards and Practices for All Appropriate Inquiries and the ASTM Standard E1527-13 for Phase I Environmental Site Assessments.

4.1 Findings

As documented within this report, significant historical topographic alterations have occurred across the site to facilitate railroad access. Site reconnaissance visits to the site railroad corridor did not identify areas of environmental concern (RECs) including stressed vegetation, illegal dumping grounds or OHM. MassDEP release sites near the subject site are unlikely to have had an impact on the subject site environmental conditions.

The property has historically been used for railroad transportation, though typical shipments have not been identified. Releases are not uncommon from the shipment/transportation of OHM. Railroad ties (present throughout the length of the subject site) are typically treated with chemicals including creosote and can lead to environmental degradation (though no stressed vegetation was identified). Additionally, coal ash, which can contain high levels arsenic and lead, are often found around railroad corridors as rail companies typically used this material as ballast during the construction of the railroad. No piles of coal ash were identified on top of soils at the site, although it is our opinion it is likely that coal ash exists beneath the rail ties along the length of the project. This material is exempt from regulatory notification under the Massachusetts Contingency Plan (MCP) regulations (310 CMR 40.000). The material can be re-used on site for bedding material beneath the paved bike path surface. However, any material moved offsite must be disposed of at an approved disposal facility which could have cost implications for project construction.

Historical herbicide use, to facilitate vegetation management, often occurred along railroad corridors. Again, no signs of stressed vegetation were identified signaling significant impacts.

4.2 Recommendations and Data Gaps

Due to the availability of historical resources it was not possible to determine the site history at five year intervals. However, based on information obtained from historical maps, municipal records and interviews, this is not considered to be a data gap.

The land has historically been altered to allow for proper railroad transportation. Therefore, potentially impacted soils may have been removed or altered and were no longer visible during the site reconnaissance visit. Additionally, portions of the site were covered in thick vegetative debris, making proper visual assessment difficult. These conditions constitute data gaps.

We recommend that the town collect some samples of the rail bed soil materials for microscopic analysis for coal/coal ash to document potential MCP exemptions prior to commencing construction. Additional analyses may be required by offsite soil disposal facilities. We recommend collecting several soil samples at regular intervals along the project route for analysis for MassDEP Comm-97-001 parameters as part of the project design/specification process when the project moves toward bidding for construction.

The MassDEP developed a Guidance Document for the development of rail trails titled "Best Management Practices for Controlling Exposure to Soil during the Development of Rail Trails". The document summarizes Best Management Practices and is relevant prior to, during and after construction. Tighe & Bond recommends the review and implementation of construction and soil management practices outlined in the document for construction activities.

Section 5

Environmental Professional Statement

I declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional (EP), as provided in 40 CFR 312.10.

I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject site. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. A copy of the Environmental Professional resume is provided in Appendix D.

A handwritten signature in black ink, appearing to read "Paul Beaulieu".

Paul Beaulieu, PWS, LSP
Project Manager/Associate
Tighe & Bond

Section 6

References

Environmental Data Resources, Inc. *The EDR Radius Map with GeoCheck®*. Coleman Rd, Southampton, MA 01073. May 11, 2015.

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Southampton, Town of. Building Department. Records reviewed June 28, 2017.

Southampton, Town of. Fire Department. Records reviewed June 28, 2017.

United States Environmental Protection Agency. EPA Map of Radon Zones including State Radon Information and Contacts. June 7, 2017.

United States Geologic Survey, *Topographic Quadrangle Map*, Easthampton, MA; Mount Tom, MA. Revised 1979

Section 7

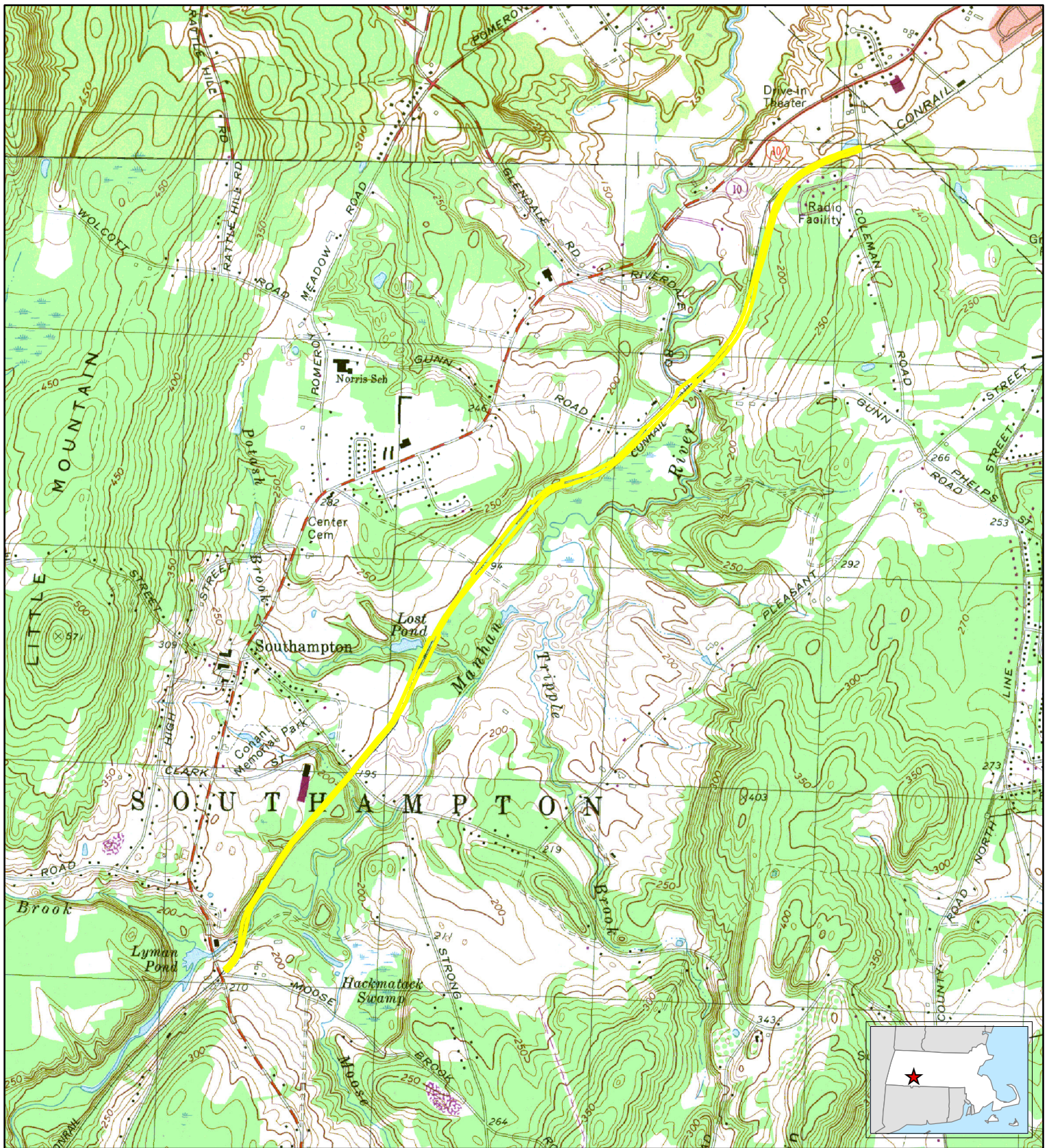
Limitations

Each report and any and all work product provided in connection with the performance of each environmental site assessment is subject to the following conditions:

1. Each report is prepared on behalf of and for the exclusive use of the Town of Southampton (Client) and is subject to and issued in accordance with the Agreement and the provisions thereof. Each report and any findings contained therein shall not, in whole or in part, be provided to or used by any other person, firm, entity or governmental agency in whole or in part, without the prior written consent of Client and Tighe & Bond. However, Tighe & Bond acknowledges and agrees that, subject to the Limitations set forth herein and prior written approval by Tighe & Bond, a report may be provided to specific financial institutions, attorneys, title insurers, lessees and/or governmental agencies identified by Client at or about the time of issuance of a report in connection with the conveyance, mortgaging, leasing, or similar transaction involving the real property which is the subject matter of a report and any work product. Use of a report for any purpose by any persons, firm, entity, or governmental agency shall be deemed acceptance of the restrictions and conditions contained therein, these Limitations and the provisions of Tighe & Bond's Agreement with Client. No warranty, express or implied, is made by way of Tighe & Bond's performance of services or providing an environmental subject site assessment, including but not limited to any warranty with the contents of a report or with any and all work product.
2. In preparing a report, Tighe & Bond, Inc. may rely on certain information provided by governmental agencies or personnel as well as information and/or representations provided by other persons, firms, or entities, and on information in the files of governmental agencies made available to Tighe & Bond at the time of the subject site assessment. To the extent that such information, representations, or files may be inaccurate, missing, incomplete or not provided to Tighe & Bond, Tighe & Bond is not responsible. Although there may be some degree of overlap in the information provided by these various sources, Tighe & Bond does not assume responsibility for independently verifying the accuracy, authenticity, or completeness of any and all information reviewed by or received from others during the course of the site assessment.
3. Unless otherwise noted, a survey (which includes observations, sampling and analysis) for the presence of asbestos-containing materials, mold and/or lead-based paint is not conducted as part of an assessment.
4. No attempt is made to assess the compliance status of any past or present Owner or Operator of a subject site with any Federal, state, or local laws or regulations, unless specifically indicated otherwise in writing.
5. Findings, observations, and conclusions presented in each report, including but not limited to the extent of any subsurface explorations or other tests performed by Tighe & Bond, are limited by the scope of services outlined in the Agreement, which may establish schedule and/or budgetary constraints for an environmental assessment or phase thereof. Furthermore, while it is anticipated that each assessment will be performed in accordance with generally accepted professional practices and applicable

standards (such as ASTM, AAI, etc.) and then applicable state and Federal regulations, as may be further described in the report and/or the Agreement, Tighe & Bond does not assume responsibility for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of its services.

6. The assessment presented in each report is based solely upon information obtained or received prior to issuance of the report, including a limited number of subsurface explorations (if performed) made on the dates indicated. If additional environmental or other relevant information is developed at a later date, Client agrees to bring such information to the attention of Tighe & Bond promptly. Upon evaluation of such information, Tighe & Bond reserves the right to recommend modification of this report and its conclusions.
7. If groundwater samples are collected for analysis or water level measurements are made in monitoring wells, such results/observations are provided as representative of conditions at the times stated in this report. Fluctuations in groundwater elevation may occur due to variations in precipitation cycle and multiple other factors, which may influence the concentrations of constituents present in the groundwater. Should additional data become available in the future, such data should be provided to Tighe & Bond for review and Tighe & Bond reserves the right to recommend modification of this report and its conclusions.
8. Except as may be noted specifically within the text of a report, no laboratory testing is performed as part of a site assessment. If such analyses have been conducted by an outside laboratory, Tighe & Bond may rely upon the analyses or data provided, and makes no representation that an independent evaluation of the reliability of such testing has been conducted, with the exception of reviewing standard quality assurance/quality control data that may have been provided with the test results.
9. Although chemical analyses may be performed for specific parameters at specific locations during the course of a site assessment, as described in a report, the results are not definitive regarding the presence of the parameters at other concentrations or the absence of the parameters at other locations on the subject site. Additional chemical constituents not included in the list of analyzed parameters for a study may be present in soil and/or ground water at a subject site, and Tighe & Bond assumes no responsibility for chemical constituents or parameters not analyzed.
10. If included, any database search is conducted under the Notice of Disclaimer/Waiver of Liability included in the database search report.



Legend

 Project Extent

Tighe&Bond
Engineers | Environmental Specialists

Based on USGS Topographic Map for
Easthampton, MA Revised 1979. Contour Equals 10-Feet.
Mount Tom, MA Revised 1979. Contour Equals 10-Feet.

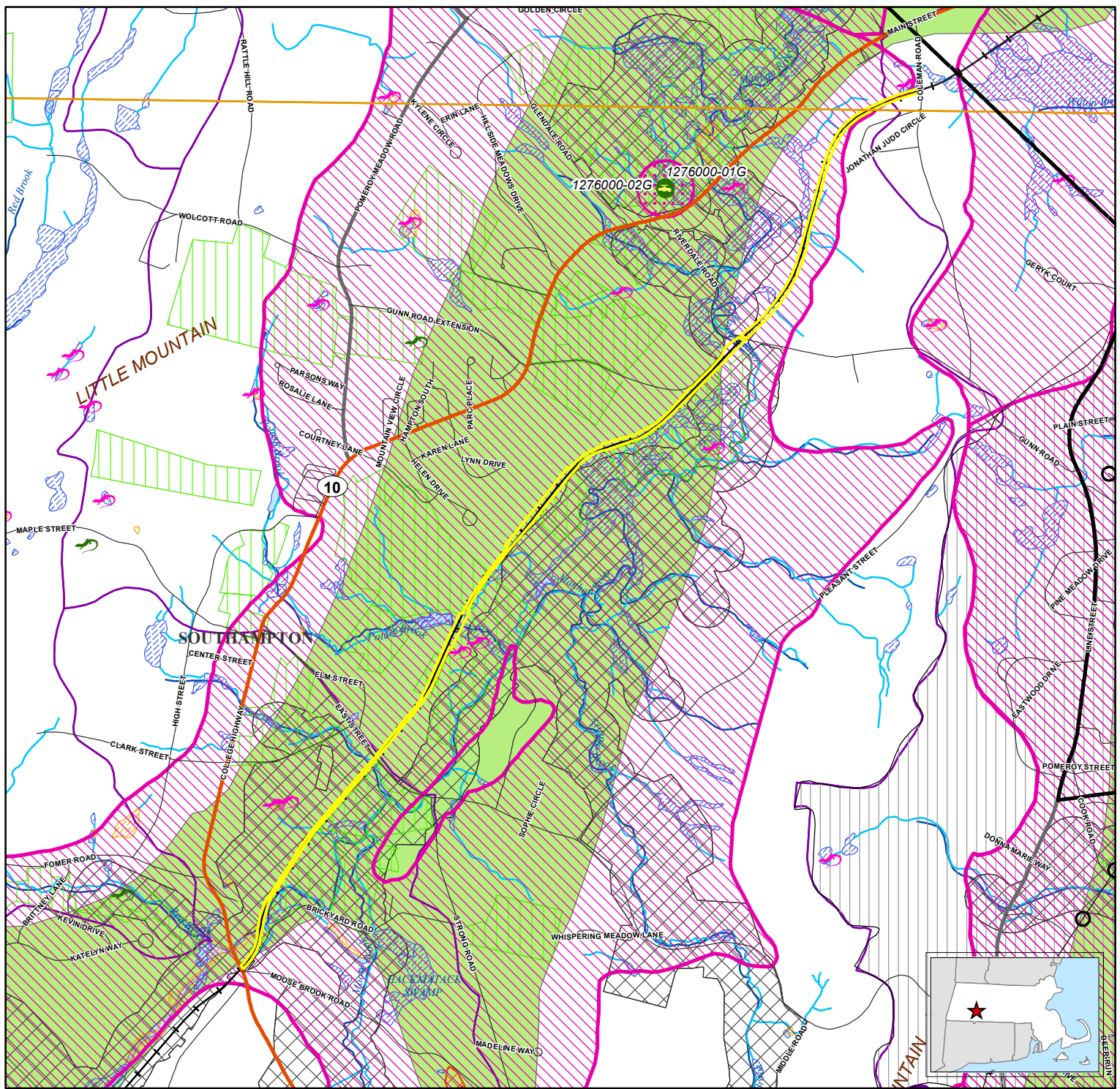
1:24,000
0 1,000 2,000
Feet



FIGURE 1 SITE LOCATION

Southampton Greenway
Southampton, Massachusetts

June 2017



Legend

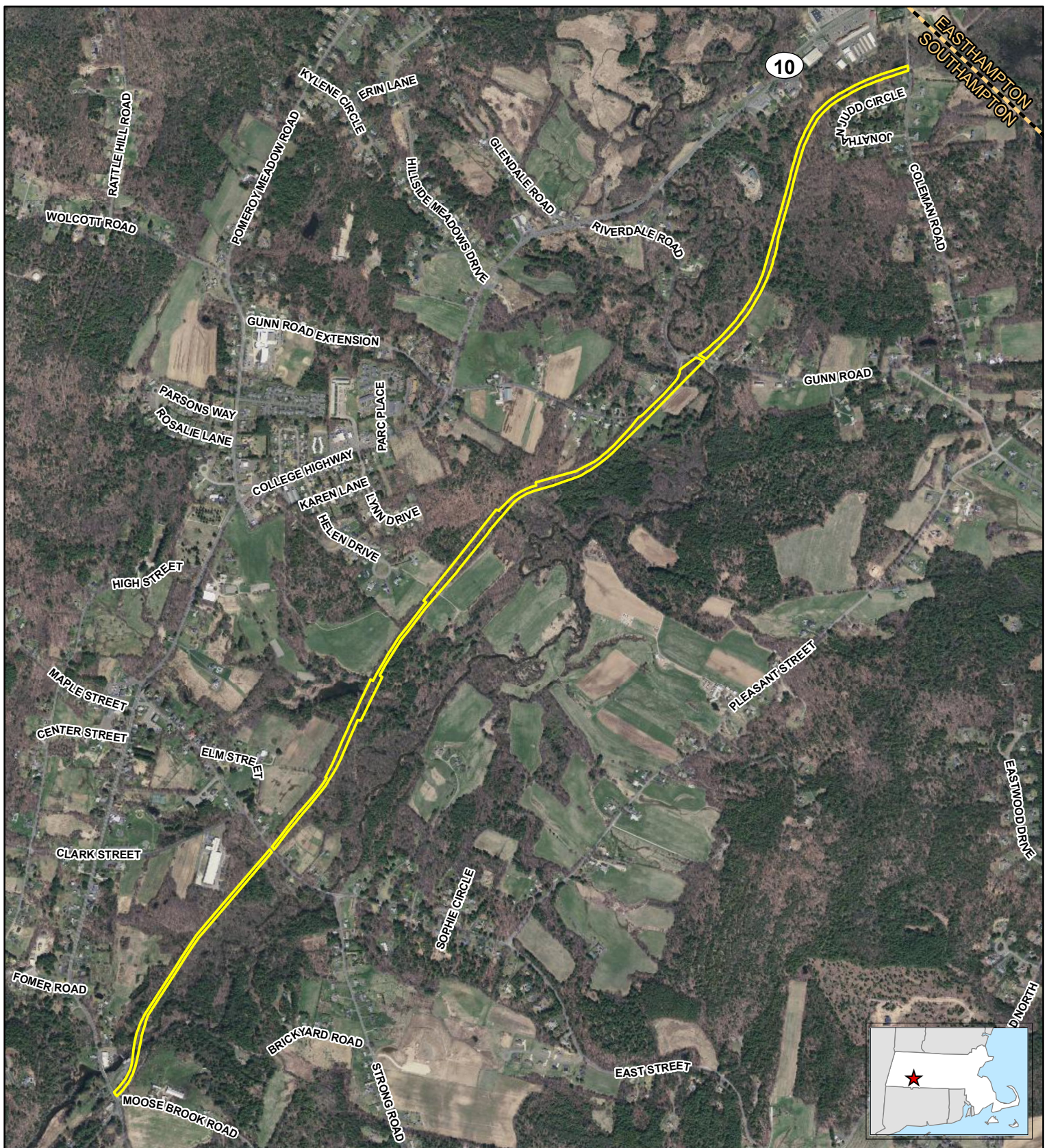
- | | | |
|---|--|---|
| NHESP Certified Vernal Pools | Powerline | Sub Drainage Basin |
| NHESP Potential Vernal Pools | Pipeline | MassDEP Open Water |
| Non-Landfill Solid Waste Sites | Track or Trail | MassDEP Inland Wetlands |
| Community Public Water Supply - Surface Water | Trains | MassDEP Coastal Wetlands |
| Community Public Water Supply - Groundwater | Stream/Intermittent Stream | Public Surface Water Supply (PSWS) |
| Non-Community Non-Transient Public Water Supply | Public Surface Water Supply Protection Area (Zone A) | Water Bodies |
| Non-Community Transient Public Water Supply | DEP Approved Wellhead Protection Area (Zone I) | Non-Potential Drinking Water Source Area - High Yield |
| Non-Community Transient Public Water Supply | DEP Approved Wellhead Protection Area (Zone II) | Non-Potential Drinking Water Source Area - Medium Yield |
| Limited Access Highway | DEP Interim Wellhead Protection Area (IWPA) | Potentially Productive Medium Yield Aquifer |
| Multi-Lane Highway, NOT Limited Access | Protected and Recreational Open Space | Potentially Productive High Yield Aquifer |
| Other Numbered Highway | Solid Waste Landfill | County Boundary |
| Major Road - Collector | Area of Critical Environmental Concern (ACEC) | Town Boundary |
| Minor Street or Road | NHESP Priority Habitats for Rare Species | USGS Quadrangle Sheet Boundary |
| Aquaducts | NHESP Estimated Habitats for Rare Wildlife | Project Extent |
| Hydrologic Connections | EPA Designated Sole Source Aquifer | |
| | Major Drainage Basin | |

FIGURE 2
PRIORITY RESOURCES
Southampton Greenway
Southampton, Massachusetts

Data source: Office of Geographic Information (MassGIS), Commonwealth of Massachusetts, MassIT)
Executive Office of Environmental Affairs.
Data valid as of June 2017.

June 2017

Tighe & Bond
Engineers | Environmental Specialists



Legend

- Project Extent
- Town Boundary

Tighe&Bond

Engineers | Environmental Specialists

Based on MassGIS Color Orthophotography (2013/2014).

1:19,200
0 800 1,600
Feet

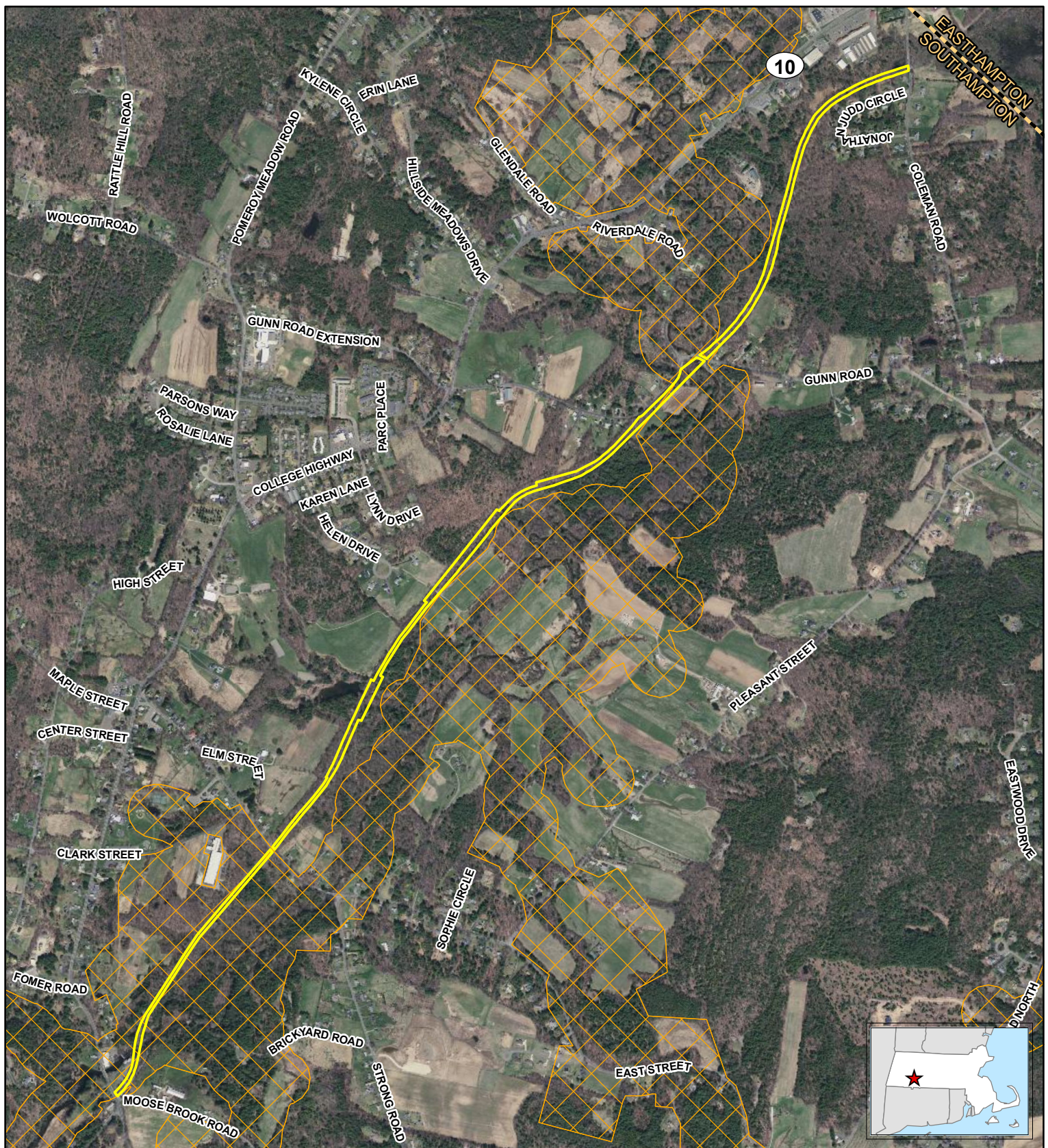


FIGURE 3





ORTHOGRAPH

Southampton Greenway
Southampton, Massachusetts

June 2017



Legend

- | | | | |
|--|----------------|---|--|
|  | Project Extent |  | NHESP Priority Habitats for Rare Species |
|  | Town Boundary |  | NHESP Estimated Habitats for Rare Wildlife |

Tighe&Bond
Engineers | Environmental Specialists

Based on MassGIS Color Orthophotography (2013/2014).
Resource data provided by MassGIS.

1:19,200
0 800 1,600
Feet




FIGURE 4 NHESP


Southamptton Greenway
Southamptton, Massachusetts

June 2017

PHOTOGRAPHIC LOG – Southampton Greenway – Southampton, Ma

| | | | |
|---|-------------------|--|---------------------|
| Tighe&Bond | | PHOTOGRAPHIC LOG | |
| Client Name: Southampton, City of | | Site Location: Southampton Greenway – Southampton, Ma | Project No.: S-5005 |
| Photo No. 1 | Date: 6/9/2017 |  | |
| Direction Photo Taken: Southwest | | | |
| Description: View of start of railroad corridor looking in from Coleman Road. | | | |

| | | | |
|--|-------------------|--|---------------------|
| Tighe&Bond | | PHOTOGRAPHIC LOG | |
| Client Name: Southampton, City of | | Site Location: Southampton Greenway – Southampton, Ma | Project No.: S-5005 |
| Photo No. 2 | Date: 6/9/2017 |  | |
| Direction Photo Taken: Southwest | | | |
| Description: General view of site. Notice the mounded elevation in center of railroad corridor, indicating historic grading for rail bed construction. | | | |

| | | | |
|--|----------------|--|---------------------|
| Tighe&Bond | | PHOTOGRAPHIC LOG | |
| Client Name: Southampton, City of | | Site Location: Southampton Greenway – Southampton, Ma | Project No.: S-5005 |
| Photo No. 3 | Date: 6/9/2017 |  | |
| Direction Photo Taken: Sotheast | | | |
| Description: View of abandoned tire on side of agricultural field. No large/significant dump sites identified. | | | |

| | | | |
|--|--------------|--|---------------------|
| Tighe&Bond | | PHOTOGRAPHIC LOG | |
| Client Name: Southampton, City of | | Site Location: Southampton Greenway – Southampton, Ma | Project No.: S-5005 |
| Photo No. 4 | Date: 6/9/17 |  | |
| Direction Photo Taken: Southeast | | | |
| Description: View of disposed car seats. No disposed OHM identified. | | | |

Tighe&Bond**PHOTOGRAPHIC LOG**

Client Name: Southampton, City of

Site Location: Southampton
Greenway, Southampton, Ma

Project No.: S-5005

Photo No. 5

Date:
6/9/17Direction Photo Taken:
N/A**Description:**

Buried metal debris noticed in various locations. Generally appeared to be associated with former farm equipment and did not appear to be indicative of an OHM release.



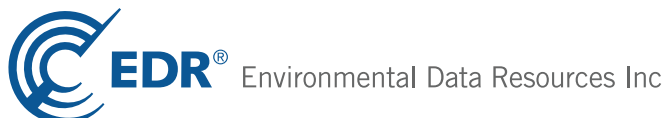
| CONSTRUCTION DETAIL | | | | CONSTRUCTION DETAIL (CONTINUED) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------|-----|-------------|---|------------|----|-------------|-----------------------|-----|-----------------|-------------|----------------|------------------|--------------|------------|-----|-----|-----|---|----------|--|----------------|--|----------------|--|-------|--|-------------------|--|-----------------|--|-------------------|--|-----------|--|------------|--|----------------|--|-------------|--|-----------|--|-----------------|--|--------------|--|----------------------|--|------------------|--|--------------------------|--|
| Element | Cd | Ch | Description | Element | Cd | Ch | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Model | 00 | | Vacant | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <thead> <tr> <th colspan="2">MIXED USE</th> </tr> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>903V</td> <td>MUNICIPAL MDL-00</td> </tr> <tr> <td></td> <td>Percentage</td> </tr> <tr> <td></td> <td>100</td> </tr> </tbody> </table> | | | | MIXED USE | | Code | Description | 903V | MUNICIPAL MDL-00 | | Percentage | | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MIXED USE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Code | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 903V | MUNICIPAL MDL-00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Percentage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | <table border="1"> <thead> <tr> <th colspan="2">COST/MARKET VALUATION</th> </tr> </thead> <tbody> <tr> <td>Adj. Base Rate:</td> <td>0.00</td> </tr> <tr> <td>Net Other Adj:</td> <td>0</td> </tr> <tr> <td>Replace Cost</td> <td>0.00</td> </tr> <tr> <td>AYB</td> <td>0</td> </tr> <tr> <td>EYB</td> <td>0</td> </tr> <tr> <td>Dep Code</td> <td></td> </tr> <tr> <td>Remodel Rating</td> <td></td> </tr> <tr> <td>Year Remodeled</td> <td></td> </tr> <tr> <td>Dep %</td> <td></td> </tr> <tr> <td>Functional Obslnc</td> <td></td> </tr> <tr> <td>External Obslnc</td> <td></td> </tr> <tr> <td>Cost Trend Factor</td> <td></td> </tr> <tr> <td>Condition</td> <td></td> </tr> <tr> <td>% Complete</td> <td></td> </tr> <tr> <td>Overall % Cond</td> <td></td> </tr> <tr> <td>Apprais Val</td> <td></td> </tr> <tr> <td>Dep % Ovr</td> <td></td> </tr> <tr> <td>Dep Ovr Comment</td> <td></td> </tr> <tr> <td>Misc Imp Ovr</td> <td></td> </tr> <tr> <td>Misc Imp Ovr Comment</td> <td></td> </tr> <tr> <td>Cost to Cure Ovr</td> <td></td> </tr> <tr> <td>Cost to Cure Ovr Comment</td> <td></td> </tr> </tbody> </table> | | | | COST/MARKET VALUATION | | Adj. Base Rate: | 0.00 | Net Other Adj: | 0 | Replace Cost | 0.00 | AYB | 0 | EYB | 0 | Dep Code | | Remodel Rating | | Year Remodeled | | Dep % | | Functional Obslnc | | External Obslnc | | Cost Trend Factor | | Condition | | % Complete | | Overall % Cond | | Apprais Val | | Dep % Ovr | | Dep Ovr Comment | | Misc Imp Ovr | | Misc Imp Ovr Comment | | Cost to Cure Ovr | | Cost to Cure Ovr Comment | |
| COST/MARKET VALUATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Adj. Base Rate: | 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Net Other Adj: | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Replace Cost | 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AYB | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EYB | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dep Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Remodel Rating | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year Remodeled | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dep % | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Functional Obslnc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| External Obslnc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cost Trend Factor | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Condition | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| % Complete | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Overall % Cond | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Apprais Val | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dep % Ovr | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dep Ovr Comment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misc Imp Ovr | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misc Imp Ovr Comment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cost to Cure Ovr | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cost to Cure Ovr Comment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OB-OUTBUILDING & YARD ITEMS(C) / XF-BUILDING EXTRA FEATURES(B) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Code | Description | Sub | Sub Descrip | U/B Units | Unit Price | Yr | Cde | Dp Rt | Cnd | %Cnd | Apr Value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BUILDING SUB-AREA SUMMARY SECTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Code | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Living Area | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Gross Area | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Eff. Area | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Unit Cost | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Undeprec. Value | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ttl. Gross Liv/Lease Area: 0 0 0 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

No Photo On Record

Pioneer Valley Railroad
COLEMAN RD
Southampton, MA 01073

Inquiry Number: 04291372.2r
May 11, 2015

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

COLEMAN RD
SOUTHAMPTON, MA 01073

COORDINATES

| | |
|--------------------------------|-----------------------------|
| Latitude (North): | 42.2454000 - 42° 14' 43.44" |
| Longitude (West): | 72.7014000 - 72° 42' 5.04" |
| Universal Transverse Mercator: | Zone 18 |
| UTM X (Meters): | 689641.6 |
| UTM Y (Meters): | 4679367.5 |
| Elevation: | 171 ft. above sea level |

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

| | |
|-----------------------|--------------------------|
| Target Property Map: | 42072-B6 MOUNT TOM, MA |
| Most Recent Revision: | 1998 |
| North Map: | 42072-C6 EASTHAMPTON, MA |
| Most Recent Revision: | 1979 |

AERIAL PHOTOGRAPHY IN THIS REPORT

| | |
|-------------------------|--------------------|
| Portions of Photo from: | 20120706, 20120808 |
| Source: | USDA |

MAPPED SITES SUMMARY

Target Property Address:
COLEMAN RD
SOUTHAMPTON, MA 01073

Click on Map ID to see full detail.

| MAP ID | SITE NAME | ADDRESS | DATABASE ACRONYMS | RELATIVE ELEVATION | DIST (ft. & mi.) DIRECTION |
|---------------------|----------------------|-----------------|---|--------------------|----------------------------|
| A1 | FORMER MR STRIPPER | 6 COLEMAN RD | SHWS, RELEASE, BROWNFIELDS | Higher | 427, 0.081, NNE |
| A2 | MR STRIPPER | 6 COLEMAN RD | CERC-NFRAP, RCRA NonGen / NLR, ICIS, FINDS, PRP | Higher | 427, 0.081, NNE |
| B3 | | 15 COLLEGE HWY | EDR US Hist Cleaners | Higher | 738, 0.140, NNE |
| B4 | RITE AID 10058 | 14 COLLEGE HWY | RCRA-LQG | Higher | 772, 0.146, NNE |
| B5 | RITE AID 10058 | 14 COLLEGE HWY | HW GEN | Higher | 772, 0.146, NNE |
| 6 | TRACTOR SUPPLY CO 60 | 2 COLLEGE HWY | HW GEN | Higher | 961, 0.182, NNE |
| 7 | APARTMENT COMPLEX | 420 MAIN ST | LUST, RELEASE | Higher | 1177, 0.223, NNE |
| C8 | JPS ELASTOMERICS COR | 412 MAIN ST | SHWS, RELEASE, SPILLS, HW GEN | Higher | 1403, 0.266, NE |
| 9 | SOUTHAMPTON MOOSE BR | MOOSE BROOK RD | SWF/LF | Higher | 1431, 0.271, WSW |
| 10 | ZONOLITE PLANT/W.R G | 19 WEMELCO WAY | CERCLIS, LEAD SMELTERS, PRP | Higher | 1629, 0.309, NE |
| C11 | FRM ZONOLITE PLANT | WEMELCO WAY | SHWS, RELEASE, INST CONTROL, BROWNFIELDS | Higher | 1643, 0.311, NE |
| 12 | BFI TRUCK | 143 COLLEGE HWY | SHWS, RELEASE | Higher | 2043, 0.387, WSW |
| 13 | MID TOWN MOTORS | 151 COLLEGE HWY | RCRA-CESQG, FINDS, LUST, UST, RELEASE, Financial... | Higher | 2274, 0.431, WSW |
| 14 | RESIDENTIAL UST NEAR | 76 COLLEGE HWY | LUST, RELEASE | Higher | 2480, 0.470, West |
| 15 | MAIN STREET SERVICE | 317 MAIN ST | SHWS, UST, RELEASE, Financial Assurance | Higher | 4655, 0.882, NE |

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

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

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 leaking storage tank lists

LAST..... Leaking Aboveground Storage Tank Sites

EXECUTIVE SUMMARY

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

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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
RELEASE..... Reportable Releases Database
SPILLS..... Historical Spill List
SPILLS 80..... SPILLS 80 data from FirstSearch
SPILLS 90..... SPILLS 90 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
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act

EXECUTIVE SUMMARY

| | |
|--------------------------|---|
| 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 |
| TSD..... | TSD Facility |
| MERCURY..... | Mercury Product Recycling Drop-Off Locations Listing |
| US FIN ASSUR..... | Financial Assurance Information |
| EPA WATCH LIST..... | EPA WATCH LIST |
| LEAD SMELTERS..... | Lead Smelter Sites |
| Financial Assurance..... | Financial Assurance Information Listing |
| COAL ASH EPA..... | Coal Combustion Residues Surface Impoundments List |
| GWDP..... | Ground Water Discharge Permits |
| US AIRS..... | Aerometric Information Retrieval System Facility Subsystem |
| PCB TRANSFORMER..... | PCB Transformer Registration Database |
| COAL ASH DOE..... | Steam-Electric Plant Operation Data |
| 2020 COR ACTION..... | 2020 Corrective Action Program List |
| PRP..... | Potentially Responsible Parties |

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 RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

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

A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS 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> |
|-------------------------------|-----------------------|---------------------------------|---------------|-------------|
| ZONOLITE PLANT/W.R G | 19 WEMELCO WAY | NE 1/4 - 1/2 (0.309 mi.) | 10 | 23 |

Federal CERCLIS NFRAP site List

CERC-NFRAP: 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.

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERC-NFRAP 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> |
|-------------------------------|---------------------|--------------------------------|---------------|-------------|
| MR STRIPPER | 6 COLEMAN RD | NNE 0 - 1/8 (0.081 mi.) | A2 | 9 |

Federal RCRA generators list

RCRA-LQG: 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.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/09/2014 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|-------------------------------|-----------------------|----------------------------------|---------------|-------------|
| RITE AID 10058 | 14 COLLEGE HWY | NNE 1/8 - 1/4 (0.146 mi.) | B4 | 14 |

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 04/10/2015 has revealed that there are 5 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> |
|---|------------------------|----------------------------------|---------------|-------------|
| FORMER MR STRIPPER Release Tracking Number / Current Status: 1-0000264 / DEPNFA | 6 COLEMAN RD | NNE 0 - 1/8 (0.081 mi.) | A1 | 8 |
| JPS ELASTOMERICS COR Release Tracking Number / Current Status: 1-0011629 / RAO | 412 MAIN ST | NE 1/4 - 1/2 (0.266 mi.) | C8 | 19 |
| FRM ZONOLITE PLANT Release Tracking Number / Current Status: 1-0013515 / RAO | WEMELCO WAY | NE 1/4 - 1/2 (0.311 mi.) | C11 | 26 |
| BFI TRUCK Release Tracking Number / Current Status: 1-0013929 / RAO | 143 COLLEGE HWY | WSW 1/4 - 1/2 (0.387 mi.) | 12 | 36 |
| MAIN STREET SERVICE Release Tracking Number / Current Status: 1-0017190 / RAO | 317 MAIN ST | NE 1/2 - 1 (0.882 mi.) | 15 | 43 |

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

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

A review of the SWF/LF list, as provided by EDR, and dated 01/29/2015 has revealed that there is 1 SWF/LF 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> |
|---|-----------------------|----------------------------------|---------------|-------------|
| SOUTHAMPTON MOOSE BR Current Operational Status: Closed Status: Closed | MOOSE BROOK RD | WSW 1/4 - 1/2 (0.271 mi.) | 9 | 21 |

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 04/10/2015 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--|------------------------|----------------------------------|---------------|-------------|
| APARTMENT COMPLEX Release Tracking Number / Current Status: 1-0015750 / RAO | 420 MAIN ST | NNE 1/8 - 1/4 (0.223 mi.) | 7 | 17 |
| MID TOWN MOTORS Release Tracking Number / Current Status: 1-0010766 / RAO | 151 COLLEGE HWY | WSW 1/4 - 1/2 (0.431 mi.) | 13 | 37 |
| RESIDENTIAL UST NEAR Release Tracking Number / Current Status: 1-0017567 / RAO | 76 COLLEGE HWY | W 1/4 - 1/2 (0.470 mi.) | 14 | 42 |

EXECUTIVE SUMMARY

State and tribal institutional control / engineering control registries

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

A review of the INST CONTROL list, as provided by EDR, and dated 04/10/2015 has revealed that there is 1 INST CONTROL 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> |
|---|--------------------|---------------------------------|---------------|-------------|
| FRM ZONOLITE PLANT Release Tracking Number: 1-0013515 | WEMELCO WAY | NE 1/4 - 1/2 (0.311 mi.) | C11 | 26 |

State and tribal Brownfields sites

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

A review of the BROWNFIELDS list, as provided by EDR, and dated 11/01/2014 has revealed that there are 2 BROWNFIELDS sites within approximately 0.5 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|---|---------------------|---------------------------------|---------------|-------------|
| FORMER MR STRIPPER MCP Status: DEPNFA RTN: 1-0000264 | 6 COLEMAN RD | NNE 0 - 1/8 (0.081 mi.) | A1 | 8 |
| FRM ZONOLITE PLANT MCP Status: TIER 2 RTN: 1-0013515 | WEMELCO WAY | NE 1/4 - 1/2 (0.311 mi.) | C11 | 26 |

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 12/09/2014 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|-------------------------------|---------------------|--------------------------------|---------------|-------------|
| MR STRIPPER | 6 COLEMAN RD | NNE 0 - 1/8 (0.081 mi.) | A2 | 9 |

EXECUTIVE SUMMARY

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 03/23/2015 has revealed that there are 2 HW GEN sites within approximately 0.25 miles of the target property.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|--|----------------|-----------------------------|---------------|-------------|
| RITE AID 10058 EPA Id: MAC300020971 | 14 COLLEGE HWY | NNE 1/8 - 1/4 (0.146 mi.) | B5 | 16 |
| TRACTOR SUPPLY CO 60 State Generator Status: VQG-MA EPA Id: MV4135275566 | 2 COLLEGE HWY | NNE 1/8 - 1/4 (0.182 mi.) | 6 | 17 |

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist 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.

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

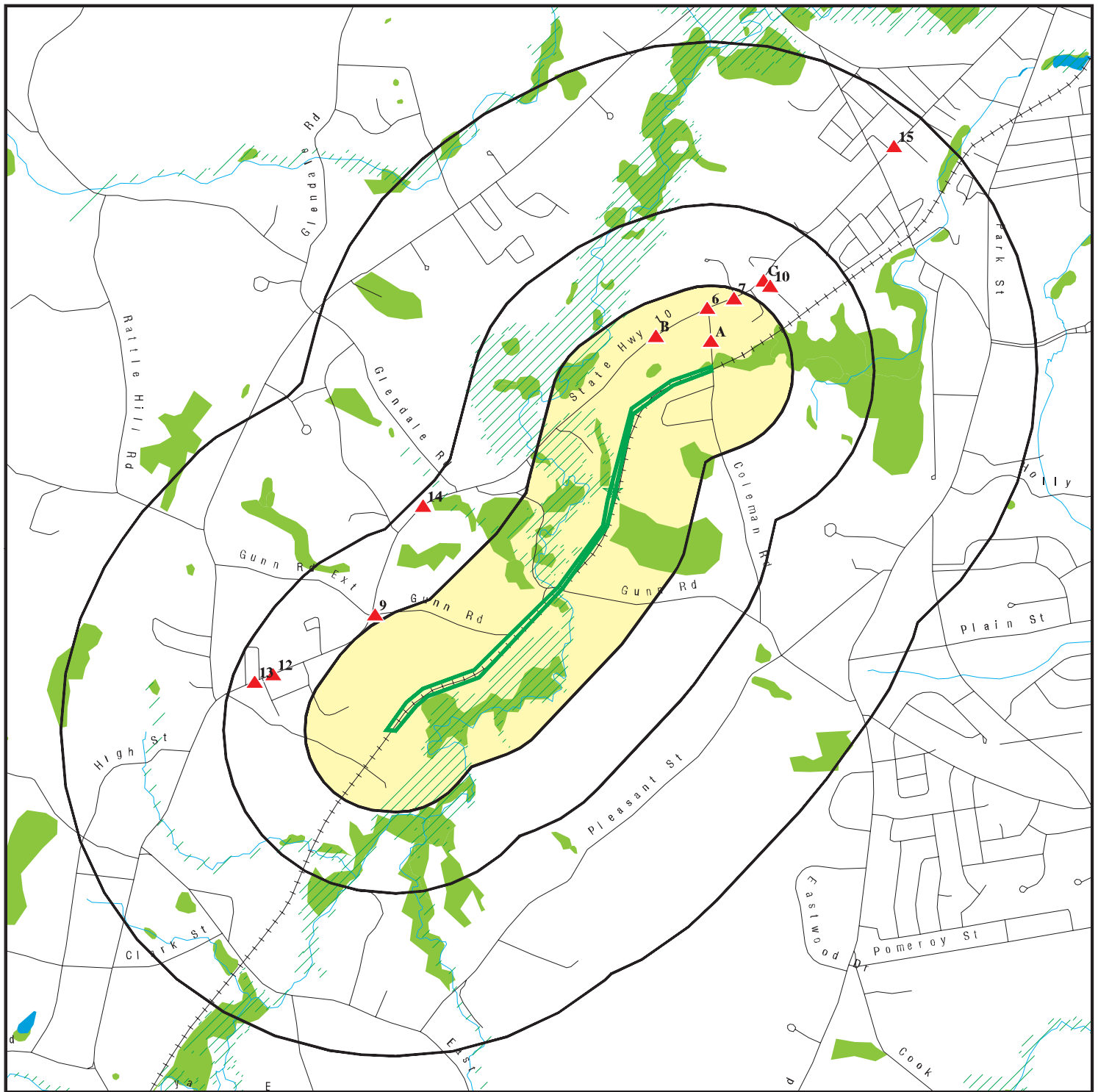
| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction / Distance</u> | <u>Map ID</u> | <u>Page</u> |
|-------------------------------|----------------|-----------------------------|---------------|-------------|
| Not reported | 15 COLLEGE HWY | NNE 1/8 - 1/4 (0.140 mi.) | B3 | 14 |

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 7 records.

| <u>Site Name</u> | <u>Database(s)</u> |
|-------------------------------|--------------------|
| TTU ACCIDENT | SHWS, RELEASE |
| POLE 188/44 | SHWS, RELEASE |
| MANHAN RAIL TRAIL | SHWS, RELEASE |
| POLE 18 | SHWS, RELEASE |
| POLE #18 58 | SHWS, RELEASE |
| SOUTHAMPTON ROUTE 10 LANDFILL | SWF/LF |
| SOUTHAMPTON TIRE PILE | SWF/LF |

OVERVIEW MAP - 04291372.2R



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Critical Environmental Concern

0 1/4 1/2 1 Miles

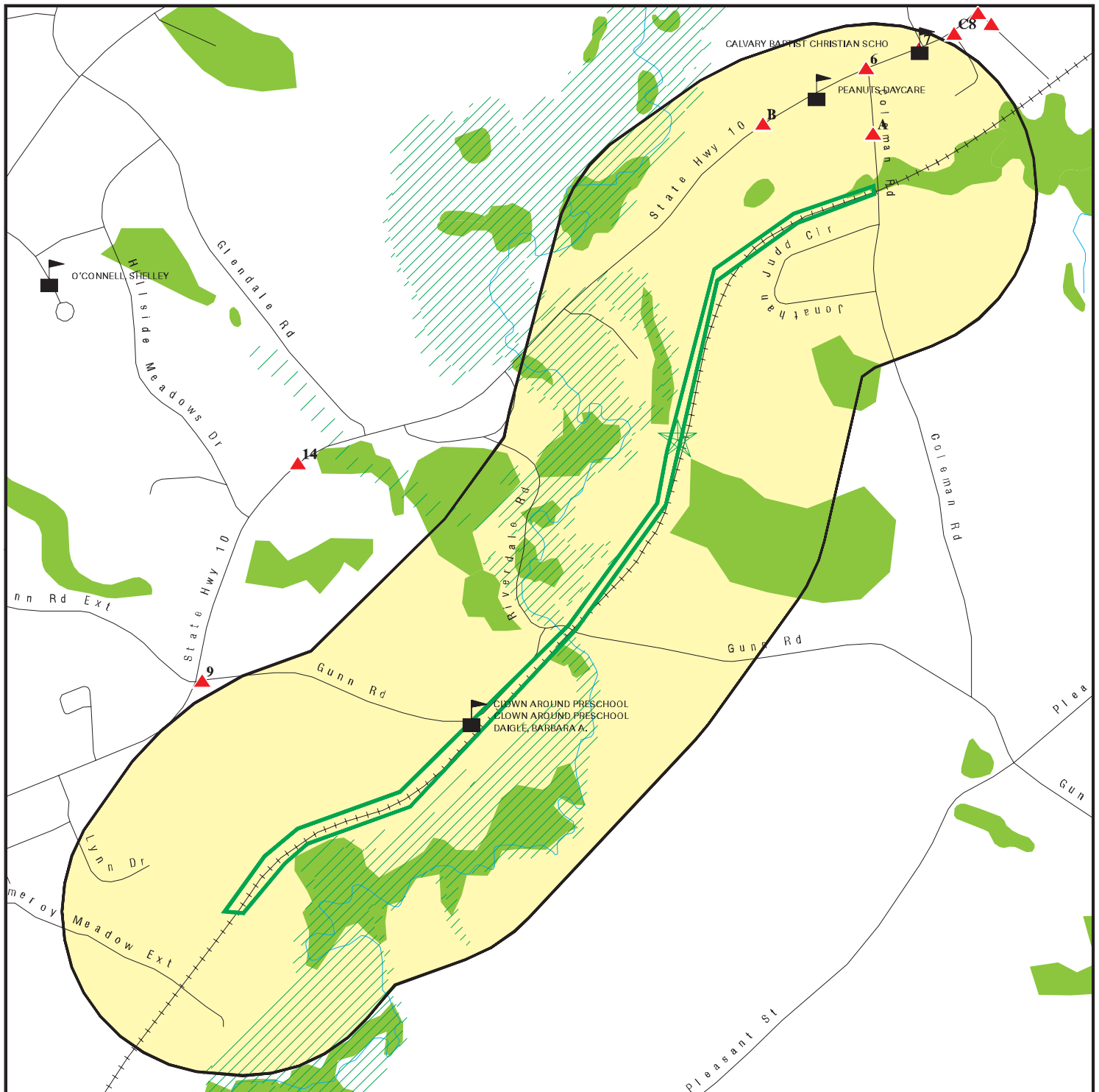


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Pioneer Valley Railroad
ADDRESS: COLEMAN RD
Southampton MA 01073
LAT/LONG: 42.2454 / 72.7014

CLIENT: Tighe & Bond
CONTACT: Nicholas Guidi
INQUIRY #: 04291372.2r
DATE: May 11, 2015 8:37 pm

DETAIL MAP - 04291372.2R



- 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

0 1/8 1/4 1/2 Miles

- 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: Pioneer Valley Railroad
ADDRESS: COLEMAN RD
Southampton MA 01073
LAT/LONG: 42.2454 / 72.7014

CLIENT: Tighe & Bond
CONTACT: Nicholas Guidi
INQUIRY #: 04291372.2r
DATE: May 11, 2015 8:38 pm

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 | 1 | NR | NR | 1 |
| FEDERAL FACILITY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| <i>Federal CERCLIS NFRAP site List</i> | | | | | | | | |
| CERC-NFRAP | 0.500 | | 1 | 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 | 1 | NR | NR | NR | 1 |
| RCRA-SQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| RCRA-CESQG | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| <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 | 3 | 1 | NR | 5 |
| <i>State and tribal landfill and/or solid waste disposal site lists</i> | | | | | | | | |
| SWF/LF | 0.500 | | 0 | 0 | 1 | NR | NR | 1 |
| <i>State and tribal leaking storage tank lists</i> | | | | | | | | |
| LUST | 0.500 | | 0 | 1 | 2 | NR | NR | 3 |
| 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 | | 0 | 0 | NR | NR | NR | 0 |

MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|--|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| 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 | 1 | NR | NR | 1 |
| State and tribal voluntary cleanup sites | | | | | | | | |
| INDIAN VCP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| State and tribal Brownfields sites | | | | | | | | |
| BROWNFIELDS | 0.500 | | 1 | 0 | 1 | NR | NR | 2 |
| 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 | | NR | NR | NR | NR | NR | 0 |
| SPILLS | TP | | NR | NR | NR | NR | NR | 0 |
| SPILLS 80 | TP | | NR | NR | NR | NR | NR | 0 |
| SPILLS 90 | 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 | | 0 | 0 | NR | NR | NR | 0 |

MAP FINDINGS SUMMARY

| Database | Search Distance (Miles) | Target Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Total Plotted |
|---------------------|-------------------------|-----------------|-------|-----------|-----------|---------|-----|---------------|
| 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 |
| TSD | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| MERCURY | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| US FIN ASSUR | TP | | NR | NR | NR | NR | NR | 0 |
| EPA WATCH LIST | TP | | NR | NR | NR | NR | NR | 0 |
| LEAD SMELTERS | TP | | NR | NR | NR | NR | NR | 0 |
| HW GEN | 0.250 | | 0 | 2 | NR | NR | NR | 2 |
| Financial Assurance | 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 |
| PCB TRANSFORMER | TP | | NR | NR | NR | NR | NR | 0 |
| COAL ASH DOE | TP | | NR | NR | NR | NR | NR | 0 |
| 2020 COR ACTION | 0.250 | | 0 | 0 | NR | NR | NR | 0 |
| PRP | 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 | 1 | NR | NR | NR | 1 |

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

| | | | | | | | | |
|----------|----|--|----|----|----|----|----|---|
| RGA HWS | TP | | NR | NR | NR | NR | NR | 0 |
| RGA LUST | TP | | NR | NR | NR | NR | NR | 0 |

| | | | | | | | | |
|-------------|--|---|---|---|---|---|---|----|
| - Totals -- | | 0 | 4 | 5 | 9 | 1 | 0 | 19 |
|-------------|--|---|---|---|---|---|---|----|

MAP FINDINGS SUMMARY

| <u>Database</u> | <u>Search Distance (Miles)</u> | <u>Target Property</u> | <u>< 1/8</u> | <u>1/8 - 1/4</u> | <u>1/4 - 1/2</u> | <u>1/2 - 1</u> | <u>> 1</u> | <u>Total Plotted</u> |
|-----------------|--|----------------------------|-----------------|------------------|------------------|----------------|---------------|--------------------------|
|-----------------|--|----------------------------|-----------------|------------------|------------------|----------------|---------------|--------------------------|

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
NNE
< 1/8
0.081 mi.
427 ft.
FORMER MR STRIPPER
6 COLEMAN RD
SOUTHAMPTON, MA 01073
Site 1 of 2 in cluster A

SHWS
RELEASE
BROWNFIELDS
S100829691
N/A

Relative:
Higher

SHWS:

Actual:
190 ft.

Release Tracking Number/Current Status: 1-0000264 / DEPNFA
Release Town: SOUTHAMPTON
Notification Date: 11/17/1986
Category: NONE
Associated ID: Not reported
Current Status: No Further Action (DEP Determined)
Status Date: 10/07/2002
Phase: Not reported
Response Action Outcome: -
Oil Or Haz Material: Not reported
Location Type: REFINISHER
Location Type: FORMER
Source: PIPE
Source: BURIED

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

Chemicals:

Chemical: UNKNOWN
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: 10/21/1986
Response Action Outcome: Not reported

Action Type: TREGS
Action Status: DEPNFA
Action Date: 10/7/2002
Response Action Outcome: Not reported

Action Type: Release Disposition
Action Status: Valid Transition Site
Action Date: 11/17/1986
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: 11/17/1986
Response Action Outcome: Not reported

Action Type: RLFA
Action Status: FLDRUN
Action Date: 6/17/1997
Response Action Outcome: Not reported

Action Type: Compliance and Enforcement Action
Action Status: NORA
Action Date: 8/21/1998
Response Action Outcome: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER MR STRIPPER (Continued)

S100829691

Release:

Release Tracking Number/Current Status: 1-0000264 / DEPNFA
Primary ID: Not reported
Official City: SOUTHAMPTON
Notification: 11/17/1986
Category: NONE
Status Date: 10/07/2002
Phase: Not reported
Response Action Outcome: -
Oil / Haz Material Type: Not reported

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

BROWNFIELDS 2:

RTN: 1-0000264
RAO Class: Not reported
Other RTNs: Not reported
Current Owner: Paone Albert E Jr
MCP Status: DEPNFA
AUL: Not reported
Former Use: Former, Refinisher
Current Use: Not reported
Total Acreage: 5.39

A2
NNE
< 1/8
0.081 mi.
427 ft.

MR STRIPPER
6 COLEMAN RD
SOUTHAMPTON, MA 01073

Site 2 of 2 in cluster A

CERC-NFRAP 1000389948
RCRA NonGen / NLR MAD981212616
ICIS
FINDS
PRP

Relative:
Higher

CERC-NFRAP:
Site ID: 0103146
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

Actual:
190 ft.

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 1335420.00000
Person ID: 1270187.00000

CERCLIS-NFRAP Assessment History:

Action: INFORMATION REPOSITORY ESTABLISHED
Date Started: / /
Date Completed: 01/10/02
Priority Level: Not reported

Action: Notice Letters Issued
Date Started: / /
Date Completed: 04/12/01
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 09/13/04
Priority Level: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MR STRIPPER (Continued)

1000389948

Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH
Date Started: 05/09/01
Date Completed: 12/24/02
Priority Level: Not reported

Action: Public Notice Published
Date Started: / /
Date Completed: 01/24/02
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 01/10/01
Date Completed: 03/30/01
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started: 11/05/01
Date Completed: 09/30/02
Priority Level: Stabilized

Action: Notice of Intent by All Parties
Date Started: / /
Date Completed: 08/31/01
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 07/31/01
Priority Level: Not reported

RCRA NonGen / NLR:

Date form received by agency: 07/25/1986
Facility name: MR STRIPPER
Facility address: 6 COLEMAN RD
SOUTHAMPTON, MA 01073
EPA ID: MAD981212616
Mailing address: 52 MAIN ST
HOLYOKE, MA 01040
Contact: VANCE PITKIN
Contact address: 52 MAIN ST
HOLYOKE, MA 01040
Contact country: US
Contact telephone: (413) 527-8654
Contact email: Not reported
EPA Region: 01
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MR STRIPPER
Owner/operator address: 52 MAIN ST
HOLYOKE, MA 01040
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MR STRIPPER (Continued)

1000389948

Owner/Operator Type: Operator
Owner/Op start date: 12/08/1991
Owner/Op end date: 06/30/1992

Owner/operator name: VANCE PITKIN
Owner/operator address: 52 MAIN ST
HOLYOKE, MA 01040

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

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

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: U080
. Waste name: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

. Waste code: U154
. Waste name: METHANOL (l) (OR) METHYL ALCOHOL (l)

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Formal Enforcement Agreement or Order
Date violation determined: 08/11/1986
Date achieved compliance: 08/12/1986
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
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

MR STRIPPER (Continued)

1000389948

Evaluation Action Summary:

Evaluation date: 02/21/1991
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/11/1986
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Formal Enforcement Agreement or Order
Date achieved compliance: 08/12/1986
Evaluation lead agency: State

ICIS:

Enforcement Action ID: 01-2001-0135
FRS ID: 110003467784
Program ID: FRS 110003467784
Action Name: MR STRIPPER SUPERFUND SITE
Full Address: 6 COLEMAN RD SOUTHAMPTON MA 01073
State: Massachusetts
Facility Name: MR STRIPPER
Facility Address: 6 COLEMAN RD
SOUTHAMPTON, MA 01073
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: HAMPSHIRE
EPA Region #: 1

Enforcement Action ID: 01-2001-0135
FRS ID: 110003467784
Program ID: RCRAINFO MAD981212616
Action Name: MR STRIPPER SUPERFUND SITE
Full Address: 6 COLEMAN RD SOUTHAMPTON MA 01073
State: Massachusetts
Facility Name: MR STRIPPER
Facility Address: 6 COLEMAN RD
SOUTHAMPTON, MA 01073
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: HAMPSHIRE
EPA Region #: 1

Enforcement Action ID: 01-2001-0135
FRS ID: 110003467784
Program ID: MA-EPICS 34704
Action Name: MR STRIPPER SUPERFUND SITE
Full Address: 6 COLEMAN RD SOUTHAMPTON MA 01073
State: Massachusetts
Facility Name: MR STRIPPER
Facility Address: 6 COLEMAN RD
SOUTHAMPTON, MA 01073
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: HAMPSHIRE
EPA Region #: 1

Program ID: FRS 110003467784
Facility Name: MR STRIPPER
Address: 6 COLEMAN RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MR STRIPPER (Continued)

1000389948

Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Program ID: MA-EPICS 34704
Facility Name: MR STRIPPER
Address: 6 COLEMAN RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Program ID: RCRAINFO MAD981212616
Facility Name: MR STRIPPER
Address: 6 COLEMAN RD
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FINDS:

Registry ID: 110003467784

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

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

PRP:

PRP name: PAONE ALBERT E JR
PAONE BRENDA A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

| | Site | Database(s) | EDR ID Number EPA ID Number |
|---|--|-----------------------------|--|
| B3 NNE 1/8-1/4 0.140 mi. 738 ft. | 15 COLLEGE HWY SOUTHAMPTON, MA 01073 Site 1 of 3 in cluster B | EDR US Hist Cleaners | 1014995674 N/A |
| Relative: Higher | EDR Historical Cleaners: Name: RED ROCK CLEANERS Year: 2008 Address: 15 COLLEGE HWY | | |
| Actual: 192 ft. | Name: RED ROCK CLEANERS Year: 2010 Address: 15 COLLEGE HWY | | |
| B4 NNE 1/8-1/4 0.146 mi. 772 ft. | RITE AID 10058 14 COLLEGE HWY SOUTHAMPTON, MA 01073 Site 2 of 3 in cluster B | RCRA-LQG | 1015743350 MAC300020971 |
| Relative: Higher | RCRA-LQG: Date form received by agency: 06/09/2014 Facility name: RITE AID 10058 Facility address: 14 COLLEGE HWY SOUTHAMPTON, MA 01073 EPA ID: MAC300020971 Mailing address: 30 HUNTER LANE ATTN: ENVIRONMENTAL HEALTH & S CAMP HILL, PA 170110000 Contact: STEPHANIE CAIATI Contact address: 30 HUNTER LANE ATTN: ENVIRONMENTAL HEALTH & S CAMP HILL, PA 170110000 Contact country: US Contact telephone: (717) 730-2633 Contact email: RSKSAFE@RITEAID.COM EPA Region: 01 Classification: Large Quantity Generator Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg 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; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; 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 more than 100 kg of that material at any time | | |
| | Owner/Operator Summary: Owner/operator name: MAXI DRUG INC Owner/operator address: 30 HUNTER LANE ATTN: ENVIRONMENTAL HEALTH & S CAMP HILL, PA 17011 Owner/operator country: US Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator | | |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID 10058 (Continued)

1015743350

Owner/Op start date: 08/01/2007
Owner/Op end date: Not reported

Owner/operator name: THE BIG Y TRUST
Owner/operator address: 30 HUNTER LANE ATTN: ENVIRONMENTAL HEALTH & S
CAMP HILL, PA 17011
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/28/2001
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

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D026
. Waste name: CRESOL

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS,
WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, &

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID 10058 (Continued)

1015743350

SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

- . Waste code: P075
- . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-(S)-, & SALTS
- . Waste code: MA95
- . Waste name: UNIVERSAL WASTE
- . Waste code: MA99
- . Waste name: NON-HAZARDOUS WASTE TO BE USED ONLY FOR NON-HW SHIPPED USING HW MANIFEST

Historical Generators:

Date form received by agency: 11/06/2012

Site name: RITE AID 10058

Classification: Small Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D009
- . Waste name: MERCURY
- . Waste code: D010
- . Waste name: SELENIUM
- . Waste code: D024
- . Waste name: M-CRESOL
- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
- . Waste code: P075
- . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-(S)-, & SALTS

Violation Status: No violations found

B5
NNE
1/8-1/4
0.146 mi.
772 ft.

RITE AID 10058
14 COLLEGE HWY
SOUTHAMPTON, MA 01073

HW GEN S113409519
N/A

Site 3 of 3 in cluster B

Relative:
Higher

HW GEN:
EPA Id: MAC300020971
RCRA Generator Status: LQG
State Generator Status: Not reported

Actual:
193 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

6
NNE
1/8-1/4
0.182 mi.
961 ft.

TRACTOR SUPPLY CO 604
2 COLLEGE HWY
SOUTHAMPTON, MA 01073

HW GEN **S112555544**
N/A

Relative:
Higher

HW GEN:
EPA Id: MV4135275566
RCRA Generator Status: VSQG
State Generator Status: VQG-MA

Actual:
206 ft.

7
NNE
1/8-1/4
0.223 mi.
1177 ft.

APARTMENT COMPLEX
420 MAIN ST
EASTHAMPTON, MA 01027

LUST **S106954432**
RELEASE **N/A**

Relative:
Higher

LUST:
Facility:
Release Tracking Number/Current Status: 1-0015750 / RAO
Status Date: 03/24/2006
Source Type: UST
Release Town: EASTHAMPTON
Notification Date: 05/05/2005
Category: 72 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
Location Type: RESIDENTIAL
Source: UST

Actual:
212 ft.

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

Chemicals:

Chemical: GASOLINE
Quantity: 165 parts per million

Actions:

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/6/2005
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: 3/24/2006
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: 3/24/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APARTMENT COMPLEX (Continued)

S106954432

| | |
|--------------------------|---|
| 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: | 3/27/2006 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background. |
| Action Type: | Immediate Response Action |
| Action Status: | Level I - Technical Screen Audit |
| Action Date: | 3/30/2006 |
| 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: | 5/5/2005 |
| 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: | 5/5/2005 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background. |
| Action Type: | RLFA |
| Action Status: | FLDD1A |
| Action Date: | 5/5/2005 |
| 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: | 5/6/2005 |
| 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: | 7/1/2005 |
| 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: | 7/21/2005 |
| 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: | 9/27/2005 |
| 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

APARTMENT COMPLEX (Continued)

S106954432

Release:

Release Tracking Number/Current Status: 1-0015750 / RAO
Primary ID: Not reported
Official City: EASTHAMPTON
Notification: 05/05/2005
Category: 72 HR
Status Date: 03/24/2006
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:](#)

**C8
NE
1/4-1/2
0.266 mi.
1403 ft.**

**JPS ELASTOMERICS CORP
412 MAIN ST
EASTHAMPTON, MA 01027**

Site 1 of 2 in cluster C

**SHWS
RELEASE
SPILLS
HW GEN
S101047357
N/A**

**Relative:
Higher**

SHWS:

Release Tracking Number/Current Status: 1-0011629 / RAO
Release Town: EASTHAMPTON
Notification Date: 12/10/1996
Category: TWO HR
Associated ID: Not reported
Current Status: **Response Action Outcome**
Status Date: 05/19/1997
Phase: Not reported
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.
Oil Or Haz Material: Not reported
Location Type: INDUSTRIAL

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

Chemicals:

Chemical: FREON 22
Quantity: 115 pounds

Actions:

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 1/29/1997
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/10/1996
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JPS ELASTOMERICS CORP (Continued)

S101047357

Action Date: 12/10/1996
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: 12/12/1996
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 12/19/1996
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Compliance and Enforcement Action
Action Status: Notice of Non-Compliance Issued
Action Date: 4/3/1997
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 5/19/1997
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 5/19/1997
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 5/19/1997
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 5/19/1997
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Release:

Release Tracking Number/Current Status: 1-0011629 / RAO
Primary ID: Not reported
Official City: EASTHAMPTON
Notification: 12/10/1996
Category: TWO HR
Status Date: 05/19/1997
Phase: Not reported
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JPS ELASTOMERICS CORP (Continued)

S101047357

Oil / Haz Material Type: Not reported

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

MA Spills:

| | | | |
|---------------|--|-----------------|--------------|
| Facility ID: | 0000 | Spill ID: | W93-0422 |
| Staff Lead: | SLOWICK, D | Date Entered: | Not reported |
| Last Entered: | 19930809 | First Response: | 19930806 |
| Spill Date: | 19930804 | Spill Time: | 12:30AM |
| Report Date: | 19930805 | Report Time: | 10:00AM |
| Case Closed: | YES | Mat Type: | PETROLEUM |
| Virgin Waste: | VIRGIN | Contam Soil: | Not reported |
| Env Impact: | Not reported | Other Impact: | Not reported |
| Material: | HYDRAULIC FLUID | Other Material: | Not reported |
| Qty Reported: | 1-10 | Qty Actual: | ----- |
| Qty Reported: | GALLONS | Qty Actual: | ----- |
| CAS No: | Not reported | PCB Lev (ppm): | NONE |
| Source: | HOSE | 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: | GREG PRENTICE/FAC CHEM CONTROL OFFICER | | |
| Notif Tel: | Not reported | | |
| Days/Close: | 0 | | |

HW GEN:

EPA Id: MAD000842724
RCRA Generator Status: VSQG
State Generator Status: VQG-MA

9
WSW
1/4-1/2
0.271 mi.
1431 ft.

SOUTHAMPTON MOOSE BROOK ROAD LANDFILL
MOOSE BROOK RD
SOUTHAMPTON, MA 01073

SWF/LF S101395276
N/A

Relative:
Higher

LF:
Facility Phone: (413)527-3666
Annual Tons for 1995: 2567
Annual Tons for 1996: Not reported
Annual Tons for 1997: Not reported
Annual Tons for 1998: Not reported
Annual Tons for 1999: Not reported
Annual Tons for 2000: Not reported
Annual Tons for 2001: Not reported
Annual Tons for 2002: Not reported
Annual Tons for 2003: Not reported
Annual Tons for 2004: Not reported
Annual Tons for 2005: Not reported
Annual Tons for 2006: Not reported
Annual Tons for 2007: Not reported
Annual Tons for 2008: Not reported
Annual Tons for 2009: Not reported
Annual Tons for 2010: Not reported
Annual Tons for 2011: Not reported

Actual:
240 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOUTHAMPTON MOOSE BROOK ROAD LANDFILL (Continued)

S101395276

Reg Obj Acct ID Num For Each Solid Waste Operation: Not reported
Days of Operation: Not reported
Note On The Physical Location Of The Site: Not reported
Acres: 9
Active Year: 1932
Classification Group: Land Disposal
Current Or Most Recent Closed Classification: CLF
Description Of The Last Classification: Closed Landfill with Env Monitoring Required
Close Year: 1997
Name Of The Organization: TOWN OF SOUTHAMPTON
Contacts Organization Type: Municipal
Contact Persons Name And Title: EDWARD CAULEY, HIWAY SUPT
Contact Phone Including Extension: (413)527-8392
Contact Mailing Street Address: 8 EAST ST, PO BOX 397
Contacts Mailing City, State, Zip: SOUTHAMPTON, MA 01073
Inactive Year: 1995
Land Disposal Closure Status: Capped
Land Disposal Only, Category Waste Disposed: MSW
Landfills Liner: Not Lined
Municipality That The Operation Is Located In: SOUTHAMPTON
Alpha-Numeric Identification Code: SL0276.001
Numeric-Only Portion Of The Identification Code: 0276.001
Region: WE
Org That Pays Any Annual Compliance Fee And/Or Permittee: Not reported
Responsible Party Organization Type: Not reported
Responsible Party Mailing Street Address Line 1: Not reported
Responsible Party Mailing Street Address Line 2: Not reported
Responsible Party Mailing City, State, Zip: Not reported
Responsible Party Telephone Inc Extension: Not reported
Maximum Permitted Tons Per Day: 25
Current Operational Status: Closed

LF PROFILES:

Site Type Code: MSW
Site Type Desc: Municipal Solid Waste
Status: Closed
Owner Type: Municipal
Stat Active Yr: 1932
Stat Inactive Yr: 1995
Stat Close Yr: 06/06/1997
Lined?: Not Lined
Cap Status: Capped
Cap Cert Date: 06/06/1997
Post Closure Permit: Not reported
Post Closure Use: Not reported
LF Gas Energy: Not reported
Acres: 4.86
Acres Doc: EWA
Acres Doc Desc: Extent of Waste (approximate/presumed)
Electrical Provider: WMECO
Dist To Trans Miles: 1.26
Wind Speed 30m: 3.6945
Wind Speed 50m: 4.2456
Wind Speed 100m: 5.1305
Wind Speed 70m: 4.6562
Mass DEP FMF DB Id: 39734

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

10
NE
1/4-1/2
0.309 mi.
1629 ft.

ZONOLITE PLANT/W.R GRACE FACILITY EASTHAMPTON MA
19 WEMELCO WAY
EASTHAMPTON, MA 01027

CERCLIS
LEAD SMELTERS
PRP
1012209740
MASFN0103055

Relative:
Higher

Actual:
202 ft.

CERCLIS:

Site ID: 0103055
EPA ID: MASFN0103055
Facility County: HAMPSHIRE
Short Name: ZONOLITE PLANT/W.R GRACE
Congressional District: 01
IFMS ID: 01FK
SMSA Number: Not reported
USGC Hydro Unit: Not reported
Federal Facility: Not a Federal Facility
DMNSN Number: 0.00000
Site Orphan Flag: Not reported
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: R
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 01
Classification: Not reported
Site Settings Code: Not reported
NPL Status: Not on the NPL
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)
Non NPL Status Date: 08/11/09
Site Fips Code: 25015
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 1270187.00000
Contact Name: Nancy Smith
Contact Tel: (617) 918-1436
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13001742.00000
Contact Name: John McKeown
Contact Tel: Not reported
Contact Title: On-Scene Coordinator (OSC)
Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: ZONOLITE PLANT (FORMER)
Alias Address: WEMELCO WAY
EASTHAMPTON', MA 010271935
Alias ID: 102

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZONOLITE PLANT/W.R GRACE FACILITY EASTHAMPTON MA (Continued)

1012209740

Alias Name: ZONOLITE PLANT (FORMER)
Alias Address: WEMELCO WAY
EASTHAMPTON, MA 010271935
Alias ID: 101
Alias Comments: NAME USED FOR SITE ASSESSMENT PRE-CERCLIS SCREENING
Site Description: Not reported

CERCLIS Assessment History:

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: 01/21/09
Date Completed: 05/22/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Notice Letters Issued
Date Started: / /
Date Completed: 07/15/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Comb Notice/104(e)
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Notice Letters Issued
Date Started: / /
Date Completed: 07/15/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 05/25/10
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZONOLITE PLANT/W.R GRACE FACILITY EASTHAMPTON MA (Continued)

1012209740

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started: 09/27/10
Date Completed: 10/28/11
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

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

Lead Smelter Sites:

Site ID: 0103055
Facility Region Id: 01
NPL Status: Not on the NPL
Federal Facility: No
Primary Site Type Category Description: Manufacturing/Processing/Maintenance
Site Type Category Description 1: Not reported
Site Type Category Description 2: Not reported
Site Type Category Description 3: Not reported
Latitude: Not reported
Longitude: Not reported

Site ID: 0103055
Facility Region Id: 01
NPL Status: Not on the NPL
Federal Facility: No
Primary Site Type Category Description: Manufacturing/Processing/Maintenance
Site Type Category Description 1: Not reported
Site Type Category Description 2: Not reported
Site Type Category Description 3: Not reported
Latitude: Not reported
Longitude: Not reported

PRP name: OLDON LIMITED PARTNERSHIP
OLDON LIMITED PARTNERSHIP
W R GRACE & COMPANY
W R GRACE & COMPANY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C11
NE
1/4-1/2
0.311 mi.
1643 ft.
FRM ZONOLITE PLANT
WEMELCO WAY
EASTHAMPTON, MA 01027
Site 2 of 2 in cluster C

SHWS
RELEASE
INST CONTROL
BROWNFIELDS
S104773969
N/A

Relative:
Higher

SHWS:

Release Tracking Number/Current Status: 1-0013515 / RAO

Release Town: EASTHAMPTON

Notification Date: 06/30/2000

Category: TWO HR

Associated ID: Not reported

Current Status: **Response Action Outcome**

Status Date: 10/01/2011

Phase: Not reported

Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Oil Or Haz Material: Hazardous Material

Location Type: INDUSTRIAL

Source: HISTORICAL

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

Chemicals:

Chemical: ASBESTOS

Quantity: Not reported

Actions:

Action Type: Tier Classification

Action Status: Tier 2 Transfer

Action Date: 1/12/2007

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification

Action Status: Tier 2 Extension

Action Date: 1/12/2007

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA

Action Status: FLDD1U

Action Date: 1/18/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Response Action Outcome - RAO

Action Status: RAO Statement Received

Action Date: 10/1/2011

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRM ZONOLITE PLANT (Continued)

S104773969

| | |
|--------------------------|---|
| Action Status: | Tier 2 Transfer |
| Action Date: | 10/12/2010 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | Phase 4 |
| Action Status: | Written Plan Received |
| Action Date: | 10/12/2010 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | RLFA |
| Action Status: | FLDRAN |
| Action Date: | 10/12/2010 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | RLFA |
| Action Status: | FOLFLD |
| Action Date: | 10/13/2009 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | RLFA |
| Action Status: | FLDRUN |
| Action Date: | 10/14/2010 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | RLFA |
| Action Status: | FLDRAN |
| Action Date: | 10/18/2010 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | RLFA |
| Action Status: | FLDDO |
| Action Date: | 10/2/2000 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | RLFA |
| Action Status: | FLDRAN |
| Action Date: | 10/25/2010 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | 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

FRM ZONOLITE PLANT (Continued)

S104773969

Action Date: 10/26/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 10/26/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRUN
Action Date: 10/27/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDDO
Action Date: 10/3/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDDO
Action Date: 10/4/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDDO
Action Date: 10/5/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRUN
Action Date: 10/7/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 11/10/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 11/15/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRM ZONOLITE PLANT (Continued)

S104773969

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 11/20/2001

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 11/22/2010

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 11/22/2010

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 11/29/2010

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 11/8/2010

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 12/13/2000

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 12/13/2010

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 12/20/2010

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

FRM ZONOLITE PLANT (Continued)

S104773969

reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 12/22/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 12/22/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 12/6/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 2/10/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 2/10/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 2/13/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 3/21/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDDO
Action Date: 3/24/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRM ZONOLITE PLANT (Continued)

S104773969

been implemented.

Action Type: RLFA
Action Status: FLDRUN
Action Date: 3/27/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRUN
Action Date: 4/18/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 4/18/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDDO
Action Date: 4/26/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 4/5/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 4/6/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 5/11/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/20/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRM ZONOLITE PLANT (Continued)

S104773969

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 5/24/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDDO
Action Date: 6/25/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 6/27/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification
Action Status: Tier 2 Extension
Action Date: 6/28/2011
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Immediate Response Action
Action Status: IRA Assessment Only
Action Date: 6/30/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 6/30/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 7/15/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 7/16/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Tier Classification

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRM ZONOLITE PLANT (Continued)

S104773969

| | |
|--------------------------|---|
| Action Status: | Tier 2 Classification |
| Action Date: | 7/2/2001 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | Phase 1 |
| Action Status: | Completion Statement Received |
| Action Date: | 7/2/2001 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | Tier Classification |
| Action Status: | Transmittal, Notice, or Notification Received |
| Action Date: | 7/2/2001 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | Compliance and Enforcement Action |
| Action Status: | Notice of Non-Compliance Issued |
| Action Date: | 7/31/2003 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | Compliance and Enforcement Action |
| Action Status: | Interim Deadline Letter Issued |
| Action Date: | 7/8/2011 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | Phase 3 |
| Action Status: | Completion Statement Received |
| Action Date: | 8/1/2007 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | Phase 2 |
| Action Status: | Completion Statement Received |
| Action Date: | 8/1/2007 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | Compliance and Enforcement Action |
| Action Status: | Notice of Non-Compliance Issued |
| Action Date: | 8/13/2008 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented. |
| Action Type: | A Notice sent to a Potentially Responsible Party (PRP) |
| Action Status: | A MassDEP piece of correspondence was issued (approvals, NORs, etc. |

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRM ZONOLITE PLANT (Continued)

S104773969

Action Date: 8/25/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action
Action Status: NORA
Action Date: 8/25/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 8/25/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Compliance and Enforcement Action
Action Status: NOIM
Action Date: 8/31/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 9/18/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 9/21/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 9/21/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDDO
Action Date: 9/22/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 9/22/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRM ZONOLITE PLANT (Continued)

S104773969

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 9/27/2010

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Phase 4
Action Status: Completion Statement Received
Action Date: 9/30/2011

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: Activity and Use Limitation
Action Status: Transmittal, Notice, or Notification Received
Action Date: 9/30/2011

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Action Type: RLFA
Action Status: FLDDO
Action Date: 9/6/2000

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Release:

Release Tracking Number/Current Status: 1-0013515 / RAO

Primary ID: Not reported
Official City: EASTHAMPTON
Notification: 06/30/2000
Category: TWO HR
Status Date: 10/01/2011
Phase: Not reported

Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL) has been implemented.

Oil / Haz Material Type: Hazardous Material

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

INST CONTROL:

Release Tracking Number: 1-0013515
Action Type: AUL
Action Stat: RECPT
Action Date: 09/30/2011

Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not been reduced to background and an Activity and use Limitation (AUL)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRM ZONOLITE PLANT (Continued)

S104773969

has been implemented.

BROWNFIELDS 2:

RTN: 1-0013515
RAO Class: Not reported
Other RTNs: Not reported
Current Owner: Oldon Lmt'd Partnership
MCP Status: TIER 2
AUL: Not reported
Former Use: Industrial
Current Use: Not reported
Total Acreage: 2.66

12
WSW
1/4-1/2
0.387 mi.
2043 ft.

BFI TRUCK
143 COLLEGE HWY
SOUTHAMPTON, MA 01073

SHWS **S105124770**
RELEASE **N/A**

Relative:
Higher

Actual:
283 ft.

SHWS:

Release Tracking Number/Current Status: 1-0013929 / RAO
Release Town: SOUTHAMPTON
Notification Date: 05/16/2001
Category: TWO HR
Associated ID: Not reported
Current Status: **Response Action Outcome**
Status Date: 07/23/2001
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: PIPE

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

Chemicals:

Chemical: HYDRAULIC FLUID
Quantity: 15 gallons

Actions:

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 5/16/2001
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: 5/16/2001
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: 5/22/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BFI TRUCK (Continued)

S105124770

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: 6/22/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 7/23/2001
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: 1-0013929 / RAO
Primary ID: Not reported
Official City: SOUTHAMPTON
Notification: 05/16/2001
Category: TWO HR
Status Date: 07/23/2001
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:](#)

13
WSW
1/4-1/2
0.431 mi.
2274 ft.

MID TOWN MOTORS
151 COLLEGE HWY
SOUTHAMPTON, MA 01073

RCRA-CESQG **1000134133**
FINDS **MAD981061872**
LUST
UST
RELEASE
Financial Assurance
HW GEN

Relative:
Higher

Actual:
281 ft.

RCRA-CESQG:
Date form received by agency: 04/01/1986
Facility name: MID TOWN MOTORS
Facility address: 151 COLLEGE HWY
SOUTHAMPTON, MA 01073
EPA ID: MAD981061872
Contact: DANIEL BELLVILLE
Contact address: 151 COLLEGE HWY
SOUTHAMPTON, MA 01073
Contact country: US
Contact telephone: (413) 527-4248
Contact email: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MID TOWN MOTORS (Continued)

1000134133

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: BELDAN CORPORATION
Owner/operator address: 151 COLLEGE HWY
SOUTHAMPTON, MA 01073
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: MID TOWN MOTORS
Owner/operator address: 151 COLLEGE HWY
SOUTHAMPTON, MA 01073
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

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MID TOWN MOTORS (Continued)

1000134133

Evaluation Action Summary:

Evaluation date: 12/07/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/13/1991
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110003459757

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

LUST:

Facility:

Release Tracking Number/Current Status: 1-0010766 / RAO
Status Date: 06/30/1995
Source Type: UST
Release Town: SOUTHAMPTON
Notification Date: 03/14/1995
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: 100 parts per million

Actions:

Action Type: Immediate Response Action

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MID TOWN MOTORS (Continued)

1000134133

| | |
|--------------------------|--|
| Action Status: | Oral Approval of Plan or Action |
| Action Date: | 3/14/1995 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated. |
| Action Type: | Release Disposition |
| Action Status: | Reportable Release under MGL 21E |
| Action Date: | 3/14/1995 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated. |
| Action Type: | RLFA |
| Action Status: | FOLOFF |
| Action Date: | 3/16/1995 |
| 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: | 3/16/1995 |
| 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: | RNF |
| Action Status: | Reportable Release under MGL 21E |
| Action Date: | 5/1/1995 |
| 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: | Completion Statement Received |
| Action Date: | 6/30/1995 |
| 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: | 6/30/1995 |
| Response Action Outcome: | A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated. |

UST:

Facility:

| | |
|---------------------|-----------------------|
| Facility ID: | 15575 |
| Owner Id: | 74905 |
| Owner: | DANIEL BELLEVILLE |
| Owner Address: | 100 EAST ST |
| Owner City,St,Zip: | SOUTHAMPTON, MA 01073 |
| Telephone: | (413) 527-3512 |
| Description: | Gas Station |
| Fire Dept. ID: | 15276 |
| Date of Inspection: | Not reported |

Tank ID: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MID TOWN MOTORS (Continued)

1000134133

Serial Number: Not reported
Tank Status: **Removed**
Status Date: 03/13/1995
Date Installed: 01/01/1960
Capacity: 3000
Contents: Gasoline
Tank Type: 1 Wall
Tank Usage: MV
Tank Material: Steel
Tank Leak Detection: Inventory Record-Keeping
Pipe Material: Steel
Pipe Container: Suction: Check Valve @ Tank
Pipe Leak Detection: Not reported
Above Ground: No

Tank ID: 2
Serial Number: Not reported
Tank Status: **Removed**
Status Date: 03/13/1995
Date Installed: 01/01/1960
Capacity: 4000
Contents: Gasoline
Tank Type: 1 Wall
Tank Usage: MV
Tank Material: Steel
Tank Leak Detection: Inventory Record-Keeping
Pipe Material: Steel
Pipe Container: Suction: Check Valve @ Tank
Pipe Leak Detection: Not reported
Above Ground: No

Release:

Release Tracking Number/Current Status: 1-0010766 / RAO
Primary ID: Not reported
Official City: SOUTHAMPTON
Notification: 03/14/1995
Category: 72 HR
Status Date: 06/30/1995
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:](#)

MA Financial Assurance 2:

Facility Id: 15575
Description: Gas Station
Work Phone: (413) 527-3512

HW GEN:

EPA Id: MAD981061872
RCRA Generator Status: VSQG
State Generator Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

14
West
1/4-1/2
0.470 mi.
2480 ft.

**RESIDENTIAL UST NEAR CANAL LANES
76 COLLEGE HWY
SOUTHAMPTON, MA**

**LUST S109948826
RELEASE N/A**

**Relative:
Higher**

LUST:

**Actual:
182 ft.**

Facility:

Release Tracking Number/Current Status: 1-0017567 / RAO
Status Date: 11/09/2009
Source Type: UST
Release Town: SOUTHAMPTON
Notification Date: 09/02/2009
Category: 72 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: RESIDENTIAL
Source: UST

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

Chemicals:

Chemical: #2 FUEL OIL
Quantity: 109 parts per million

Actions:

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 11/1/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 11/4/2010
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 11/9/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDD1A
Action Date: 9/2/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 9/2/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RESIDENTIAL UST NEAR CANAL LANES (Continued)

S109948826

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: 9/2/2009

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

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 9/3/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 1-0017567 / RAO
Primary ID: Not reported
Official City: SOUTHAMPTON
Notification: 09/02/2009
Category: 72 HR
Status Date: 11/09/2009
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:](#)

15
NE
1/2-1
0.882 mi.
4655 ft.

**MAIN STREET SERVICE
317 MAIN ST
EASTHAMPTON, MA 01027**

**SHWS U001005924
UST N/A
RELEASE
Financial Assurance**

**Relative:
Higher**

SHWS:

Release Tracking Number/Current Status: 1-0017190 / RAO
Release Town: EASTHAMPTON
Notification Date: 10/20/2008
Category: 120 DY
Associated ID: Not reported
Current Status: **Response Action Outcome**
Status Date: 10/29/2010
Phase: PHASE IV
Response Action Outcome: C1 - C1
Oil Or Haz Material: Oil

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

Chemicals:

Chemical: C9 THRU C10 AROMATIC HYDROCARBONS
Quantity: 1670 milligrams per kilogram
Chemical: C9 THRU C10 AROMATIC HYDROCARBONS
Quantity: 1.42 milligrams per liter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAIN STREET SERVICE (Continued)

U001005924

Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS
Quantity: 1710 milligrams per kilogram
Chemical: C5 THRU C8 ALIPHATIC HYDROCARBONS
Quantity: 1.52 milligrams per liter

Actions:

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 10/20/2008
Response Action Outcome: C1

Action Type: Tier Classification
Action Status: Tier 1C Classification
Action Date: 10/27/2009
Response Action Outcome: C1

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 10/27/2009
Response Action Outcome: C1

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/27/2009
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 10/29/2010
Response Action Outcome: C1

Action Type: Phase 2
Action Status: Completion Statement Received
Action Date: 10/29/2010
Response Action Outcome: C1

Action Type: Phase 3
Action Status: Completion Statement Received
Action Date: 10/29/2010
Response Action Outcome: C1

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 10/29/2010
Response Action Outcome: C1

Action Type: Phase 1
Action Status: Level I - Technical Screen Audit
Action Date: 11/17/2009
Response Action Outcome: C1

Action Type: Tier Classification
Action Status: Level I - Technical Screen Audit
Action Date: 11/17/2009
Response Action Outcome: C1

Action Type: Phase 2
Action Status: Scope of Work Received

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAIN STREET SERVICE (Continued)

U001005924

Action Date: 11/4/2009
Response Action Outcome: C1

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)
Action Date: 11/5/2008
Response Action Outcome: C1

Action Type: Tier Classification
Action Status: Permit Effective Date
Action Date: 12/22/2009
Response Action Outcome: C1

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 8/12/2009
Response Action Outcome: C1

Action Type: BWS03
Action Status: APPROV
Action Date: Not reported
Response Action Outcome: C1

UST:

Facility:

Facility ID: 8049
Owner Id: 42552
Owner: MAIN STREET SERVICE
Owner Address: 317 MAIN ST
Owner City,St,Zip: EASTHAMPTON, MA 01027
Telephone: (413) 527-3670
Description: Gas Station
Fire Dept. ID: 15087
Date of Inspection: 06/18/2012

Tank ID: 1
Serial Number: Not reported
Tank Status: Removed
Status Date: 10/10/1987
Date Installed: 03/20/1966
Capacity: 3000
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

Tank ID: 2
Serial Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAIN STREET SERVICE (Continued)

U001005924

Tank Status: Removed
Status Date: 10/10/1987
Date Installed: 03/20/1966
Capacity: 2000
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

Tank ID: 3
Serial Number: Not reported
Tank Status: Removed
Status Date: 10/10/1987
Date Installed: 03/20/1966
Capacity: 2000
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

Tank ID: 4
Serial Number: Not reported
Tank Status: Removed
Status Date: 10/10/1987
Date Installed: 03/20/1966
Capacity: 5000
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

Tank ID: 5
Serial Number: Not reported
Tank Status: Removed
Status Date: 10/10/1987
Date Installed: 03/21/1983
Capacity: 8000
Contents: Gasoline
Tank Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAIN STREET SERVICE (Continued)

U001005924

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: 6
Serial Number: 97959
Tank Status: In Use
Status Date: Not reported
Date Installed: 10/10/1988
Capacity: 10000
Contents: Gasoline
Tank Type: 1 Wall
Tank Usage: MV
Tank Material: Cathodic
Tank Leak Detection: Approved In-Tank Monitor
Pipe Material: Cathodic
Pipe Container: 1 Wall
Pipe Leak Detection: Product Line Leak Detector
Above Ground: No

Tank ID: 7
Serial Number: 97958
Tank Status: In Use
Status Date: Not reported
Date Installed: 10/10/1988
Capacity: 8000
Contents: Gasoline
Tank Type: 1 Wall
Tank Usage: MV
Tank Material: Cathodic
Tank Leak Detection: Approved In-Tank Monitor
Pipe Material: Cathodic
Pipe Container: 1 Wall
Pipe Leak Detection: Product Line Leak Detector
Above Ground: No

Tank ID: 8
Serial Number: 97957
Tank Status: In Use
Status Date: Not reported
Date Installed: 10/10/1988
Capacity: 8000
Contents: Gasoline
Tank Type: 1 Wall
Tank Usage: MV
Tank Material: Cathodic
Tank Leak Detection: Approved In-Tank Monitor
Pipe Material: Cathodic
Pipe Container: 1 Wall
Pipe Leak Detection: Product Line Leak Detector

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAIN STREET SERVICE (Continued)

U001005924

Above Ground: No

Release:

Release Tracking Number/Current Status: 1-0017190 / RAO
Primary ID: Not reported
Official City: EASTHAMPTON
Notification: 10/20/2008
Category: 120 DY
Status Date: 10/29/2010
Phase: PHASE IV
Response Action Outcome: C1 - C1
Oil / Haz Material Type: Oil

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

MA Financial Assurance 2:

Facility Id: 8049
Description: Gas Station
Work Phone: (413) 527-3670

Count: 7 records.

ORPHAN SUMMARY

| City | EDR ID | Site Name | Site Address | Zip | Database(s) |
|-------------|------------|-------------------------------|-----------------------|-------|---------------|
| EASTHAMPTON | S102403570 | TTU ACCIDENT | PARK ST | 01027 | SHWS, RELEASE |
| EASTHAMPTON | S106775631 | POLE 188/44 | WEST ST NEAR GLENDALE | 01027 | SHWS, RELEASE |
| EASTHAMPTON | S111277133 | MANHAN RAIL TRAIL | SOUTH STREET | 01027 | SHWS, RELEASE |
| SOUTHAMPTON | S101395278 | SOUTHAMPTON ROUTE 10 LANDFILL | RTE 10 | 01073 | SWF/LF |
| SOUTHAMPTON | S111085592 | SOUTHAMPTON TIRE PILE | GUNN RD | 01073 | SWF/LF |
| SOUTHAMPTON | S102083611 | POLE 18 | PLEASANT ST | 01073 | SHWS, RELEASE |
| WESTHAMPTON | S105735496 | POLE #18 58 | MAIN RD | 01027 | SHWS, RELEASE |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

| | |
|---|--|
| Date of Government Version: 12/16/2014 | Source: EPA |
| Date Data Arrived at EDR: 01/08/2015 | Telephone: N/A |
| Date Made Active in Reports: 02/09/2015 | Last EDR Contact: 04/08/2015 |
| Number of Days to Update: 32 | Next Scheduled EDR Contact: 07/20/2015 |
| | 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: 12/16/2014 | Source: EPA |
| Date Data Arrived at EDR: 01/08/2015 | Telephone: N/A |
| Date Made Active in Reports: 02/09/2015 | Last EDR Contact: 04/08/2015 |
| Number of Days to Update: 32 | Next Scheduled EDR Contact: 07/20/2015 |
| | 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: 12/16/2014 | Source: EPA |
| Date Data Arrived at EDR: 01/08/2015 | Telephone: N/A |
| Date Made Active in Reports: 02/09/2015 | Last EDR Contact: 04/08/2015 |
| Number of Days to Update: 32 | Next Scheduled EDR Contact: 07/20/2015 |
| | 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: 05/01/2015 |
| Number of Days to Update: 94 | Next Scheduled EDR Contact: 06/08/2015 |
| | 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: 04/08/2015 |
| Number of Days to Update: 13 | Next Scheduled EDR Contact: 07/20/2015 |
| | 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: 05/01/2015 |
| Number of Days to Update: 94 | Next Scheduled EDR Contact: 06/08/2015 |
| | 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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 02/26/2015 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 06/15/2015 |
| | 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: 02/26/2015 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 06/15/2015 |
| | Data Release Frequency: Varies |

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

| | |
|---|--|
| Date of Government Version: 12/03/2014 | Source: Department of the Navy |
| Date Data Arrived at EDR: 12/12/2014 | Telephone: 843-820-7326 |
| Date Made Active in Reports: 01/29/2015 | Last EDR Contact: 02/16/2015 |
| Number of Days to Update: 48 | Next Scheduled EDR Contact: 06/01/2015 |
| | 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: 09/29/2014 | Source: National Response Center, United States Coast Guard |
| Date Data Arrived at EDR: 09/30/2014 | Telephone: 202-267-2180 |
| Date Made Active in Reports: 11/06/2014 | Last EDR Contact: 03/31/2015 |
| Number of Days to Update: 37 | Next Scheduled EDR Contact: 07/13/2015 |
| | 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: 04/10/2015 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 04/16/2015 | Telephone: 617-292-5990 |
| Date Made Active in Reports: 04/30/2015 | Last EDR Contact: 04/16/2015 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 07/27/2015 |
| | 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: 01/29/2015
Date Data Arrived at EDR: 04/09/2015
Date Made Active in Reports: 04/21/2015
Number of Days to Update: 12

Source: Department of Environmental Protection
Telephone: 617-292-5989
Last EDR Contact: 04/09/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

LF PROFILES: Landfill Profiles Listing

This spreadsheet describes landfills that have actively accepted waste or have closed under MassDEP Solid Waste Regulations first adopted in 1971 (310 CMR 16.00 and 310 CMR 19.00). The list does not include landfills that closed before 1971 (and which never had a MassDEP permit or approval), or for which agency data is incomplete.

Date of Government Version: 06/26/2012
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/17/2014
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 617-292-5868
Last EDR Contact: 04/10/2015
Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Varies

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: 04/10/2015
Date Data Arrived at EDR: 04/16/2015
Date Made Active in Reports: 04/30/2015
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 07/27/2015
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: 04/10/2015
Date Data Arrived at EDR: 04/16/2015
Date Made Active in Reports: 04/30/2015
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 617-292-5500
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
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: 01/08/2015
Date Data Arrived at EDR: 01/08/2015
Date Made Active in Reports: 02/09/2015
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/08/2015
Next Scheduled EDR Contact: 05/11/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/28/2015 | Source: EPA Region 8 |
| Date Data Arrived at EDR: 01/30/2015 | Telephone: 303-312-6271 |
| Date Made Active in Reports: 03/13/2015 | Last EDR Contact: 04/27/2015 |
| Number of Days to Update: 42 | Next Scheduled EDR Contact: 08/10/2015 |
| | Data Release Frequency: Quarterly |

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

| | |
|---|--|
| Date of Government Version: 09/23/2014 | Source: EPA Region 7 |
| Date Data Arrived at EDR: 11/25/2014 | Telephone: 913-551-7003 |
| Date Made Active in Reports: 01/29/2015 | Last EDR Contact: 04/27/2015 |
| Number of Days to Update: 65 | Next Scheduled EDR Contact: 08/10/2015 |
| | 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: 01/23/2015 | Source: EPA Region 6 |
| Date Data Arrived at EDR: 02/10/2015 | Telephone: 214-665-6597 |
| Date Made Active in Reports: 03/13/2015 | Last EDR Contact: 01/26/2015 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 05/11/2015 |
| | 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: 09/30/2014 | Source: EPA Region 4 |
| Date Data Arrived at EDR: 03/03/2015 | Telephone: 404-562-8677 |
| Date Made Active in Reports: 03/13/2015 | Last EDR Contact: 04/27/2015 |
| Number of Days to Update: 10 | Next Scheduled EDR Contact: 08/10/2015 |
| | 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: 04/03/2015 |
| Number of Days to Update: 184 | Next Scheduled EDR Contact: 08/10/2015 |
| | Data Release Frequency: Varies |

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

| | |
|---|--|
| Date of Government Version: 01/30/2015 | Source: EPA, Region 5 |
| Date Data Arrived at EDR: 02/05/2015 | Telephone: 312-886-7439 |
| Date Made Active in Reports: 03/09/2015 | Last EDR Contact: 04/27/2015 |
| Number of Days to Update: 32 | Next Scheduled EDR Contact: 08/10/2015 |
| | Data Release Frequency: Varies |

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/2015
Date Data Arrived at EDR: 04/20/2015
Date Made Active in Reports: 04/30/2015
Number of Days to Update: 10

Source: Department of Fire Services, Office of the Public Safety
Telephone: 617-556-1035
Last EDR Contact: 04/20/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Database
Registered Aboveground Storage Tanks.

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: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
Data Release Frequency: Quarterly

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: 09/30/2014
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Semi-Annually

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: 04/28/2015
Next Scheduled EDR Contact: 08/10/2015
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: 01/23/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
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: 01/30/2015
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 36

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/03/2015
Date Data Arrived at EDR: 02/12/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
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: 12/14/2014
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 28

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/26/2015
Next Scheduled EDR Contact: 05/11/2015
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: 01/29/2015
Date Data Arrived at EDR: 01/30/2015
Date Made Active in Reports: 03/13/2015
Number of Days to Update: 42

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
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).

Date of Government Version: 09/23/2014
Date Data Arrived at EDR: 11/25/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 65

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
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: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
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: 04/10/2015
Date Data Arrived at EDR: 04/16/2015
Date Made Active in Reports: 04/30/2015
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 | Source: EPA, Region 7 |
| Date Data Arrived at EDR: 04/22/2008 | Telephone: 913-551-7365 |
| Date Made Active in Reports: 05/19/2008 | Last EDR Contact: 04/20/2009 |
| Number of Days to Update: 27 | 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.

| | |
|---|--|
| Date of Government Version: 09/29/2014 | Source: EPA, Region 1 |
| Date Data Arrived at EDR: 10/01/2014 | Telephone: 617-918-1102 |
| Date Made Active in Reports: 11/06/2014 | Last EDR Contact: 04/02/2015 |
| Number of Days to Update: 36 | Next Scheduled EDR Contact: 07/13/2015 |
| | 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: 11/01/2014 | Source: Office of the Attorney General |
| Date Data Arrived at EDR: 11/06/2014 | Telephone: 617-963-2423 |
| Date Made Active in Reports: 11/10/2014 | Last EDR Contact: 05/08/2015 |
| Number of Days to Update: 4 | Next Scheduled EDR Contact: 08/17/2015 |
| | Data Release Frequency: Annually |

BROWNFIELDS 2: Potential Brownfields Listing

A listing of potential brownfields site locations in the state.

| | |
|---|--|
| Date of Government Version: 10/01/2014 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 02/06/2015 | Telephone: 617-556-1007 |
| Date Made Active in Reports: 03/06/2015 | Last EDR Contact: 05/06/2015 |
| Number of Days to Update: 28 | Next Scheduled EDR Contact: 08/17/2015 |
| | Data Release Frequency: Varies |

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

| | |
|---|---|
| Date of Government Version: 12/22/2014 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 12/22/2014 | Telephone: 202-566-2777 |
| Date Made Active in Reports: 01/29/2015 | Last EDR Contact: 03/24/2015 |
| Number of Days to Update: 38 | Next Scheduled EDR Contact: 07/06/2015 |
| | Data Release Frequency: Semi-Annually |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/23/2015
Next Scheduled EDR Contact: 08/10/2015
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

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/01/2015
Next Scheduled EDR Contact: 08/17/2015
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: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/03/2015
Next Scheduled EDR Contact: 06/15/2015
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: 02/25/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/03/2015
Next Scheduled EDR Contact: 06/15/2015
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/27/2015 |
| Number of Days to Update: 37 | Next Scheduled EDR Contact: 08/10/2015 |
| | 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: 02/23/2015 |
| Number of Days to Update: 15 | Next Scheduled EDR Contact: 06/08/2015 |
| | Data Release Frequency: Varies |

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: 12/29/2014 | Source: U.S. Department of Transportation |
| Date Data Arrived at EDR: 12/30/2014 | Telephone: 202-366-4555 |
| Date Made Active in Reports: 03/09/2015 | Last EDR Contact: 03/31/2015 |
| Number of Days to Update: 69 | Next Scheduled EDR Contact: 07/13/2015 |
| | 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: 04/10/2015 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 04/16/2015 | Telephone: 617-292-5990 |
| Date Made Active in Reports: 04/30/2015 | Last EDR Contact: 04/16/2015 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 07/27/2015 |
| | 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/11/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/08/2013
Number of Days to Update: 36

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
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
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/05/2013
Number of Days to Update: 61

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 12/09/2014
Date Data Arrived at EDR: 12/29/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 03/31/2015
Next Scheduled EDR Contact: 07/13/2015
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: 05/05/2015
Next Scheduled EDR Contact: 08/17/2015
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: 04/14/2015
Next Scheduled EDR Contact: 07/27/2015
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: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/23/2015 | Source: Department of Justice, Consent Decree Library |
| Date Data Arrived at EDR: 02/13/2015 | Telephone: Varies |
| Date Made Active in Reports: 03/09/2015 | Last EDR Contact: 03/30/2015 |
| Number of Days to Update: 24 | Next Scheduled EDR Contact: 07/13/2015 |
| | 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 | Source: EPA |
| Date Data Arrived at EDR: 12/12/2013 | Telephone: 703-416-0223 |
| Date Made Active in Reports: 02/24/2014 | Last EDR Contact: 03/10/2015 |
| Number of Days to Update: 74 | Next Scheduled EDR Contact: 06/22/2015 |
| | 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.

| | |
|---|--|
| Date of Government Version: 09/14/2010 | Source: Department of Energy |
| Date Data Arrived at EDR: 10/07/2011 | Telephone: 505-845-0011 |
| Date Made Active in Reports: 03/01/2012 | Last EDR Contact: 02/27/2015 |
| Number of Days to Update: 146 | Next Scheduled EDR Contact: 06/08/2015 |
| | 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: 12/30/2014 | Source: Department of Labor, Mine Safety and Health Administration |
| Date Data Arrived at EDR: 12/31/2014 | Telephone: 303-231-5959 |
| Date Made Active in Reports: 01/29/2015 | Last EDR Contact: 03/06/2015 |
| Number of Days to Update: 29 | Next Scheduled EDR Contact: 06/15/2015 |
| | 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 | Source: EPA |
| Date Data Arrived at EDR: 07/31/2013 | Telephone: 202-566-0250 |
| Date Made Active in Reports: 09/13/2013 | Last EDR Contact: 01/29/2015 |
| Number of Days to Update: 44 | Next Scheduled EDR Contact: 06/08/2015 |
| | 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: 12/31/2012 | Source: EPA |
| Date Data Arrived at EDR: 01/15/2015 | Telephone: 202-260-5521 |
| Date Made Active in Reports: 01/29/2015 | Last EDR Contact: 03/27/2015 |
| Number of Days to Update: 14 | Next Scheduled EDR Contact: 07/06/2015 |
| | Data Release Frequency: Every 4 Years |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
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: 02/23/2015
Next Scheduled EDR Contact: 06/08/2015
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
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: 04/10/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

| | |
|---|---|
| Date of Government Version: 01/23/2015 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 02/06/2015 | Telephone: 202-564-5088 |
| Date Made Active in Reports: 03/09/2015 | Last EDR Contact: 04/09/2015 |
| Number of Days to Update: 31 | Next Scheduled EDR Contact: 07/27/2015 |
| | 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: 07/01/2014 | Source: EPA |
| Date Data Arrived at EDR: 10/15/2014 | Telephone: 202-566-0500 |
| Date Made Active in Reports: 11/17/2014 | Last EDR Contact: 04/17/2015 |
| Number of Days to Update: 33 | Next Scheduled EDR Contact: 07/27/2015 |
| | 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: 12/29/2014 | Source: Nuclear Regulatory Commission |
| Date Data Arrived at EDR: 01/08/2015 | Telephone: 301-415-7169 |
| Date Made Active in Reports: 01/29/2015 | Last EDR Contact: 03/09/2015 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 06/22/2015 |
| | Data Release Frequency: Quarterly |

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

| | |
|---|---|
| Date of Government Version: 02/27/2015 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 02/27/2015 | Telephone: 202-343-9775 |
| Date Made Active in Reports: 03/25/2015 | Last EDR Contact: 04/09/2015 |
| Number of Days to Update: 26 | Next Scheduled EDR Contact: 07/20/2015 |
| | 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: 01/18/2015 | Source: EPA |
| Date Data Arrived at EDR: 02/27/2015 | Telephone: (617) 918-1111 |
| Date Made Active in Reports: 03/25/2015 | Last EDR Contact: 03/09/2015 |
| Number of Days to Update: 26 | Next Scheduled EDR Contact: 06/22/2015 |
| | 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
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: 02/01/2015
Date Data Arrived at EDR: 02/13/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/27/2015
Next Scheduled EDR Contact: 08/10/2015
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
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: 02/24/2015
Next Scheduled EDR Contact: 06/08/2015
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: 01/01/2015
Date Data Arrived at EDR: 02/17/2015
Date Made Active in Reports: 03/05/2015
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 508-767-2781
Last EDR Contact: 02/17/2015
Next Scheduled EDR Contact: 06/01/2015
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: 04/21/2015
Date Data Arrived at EDR: 04/23/2015
Date Made Active in Reports: 04/30/2015
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 617-292-5633
Last EDR Contact: 04/16/2015
Next Scheduled EDR Contact: 08/03/2015
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: 02/16/2015
Date Data Arrived at EDR: 02/27/2015
Date Made Active in Reports: 03/05/2015
Number of Days to Update: 6

Source: Department of Environmental Quality
Telephone: 617-292-5979
Last EDR Contact: 05/04/2015
Next Scheduled EDR Contact: 08/17/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: Permitted Facilities Listing

A listing of Air Quality permit applications.

Date of Government Version: 01/26/2015

Date Data Arrived at EDR: 01/27/2015

Date Made Active in Reports: 02/10/2015

Number of Days to Update: 14

Source: Department of Environmental Protection

Telephone: 617-292-5789

Last EDR Contact: 04/16/2015

Next Scheduled EDR Contact: 08/03/2015

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: 12/31/2013

Date Data Arrived at EDR: 11/06/2014

Date Made Active in Reports: 12/04/2014

Number of Days to Update: 28

Source: Massachusetts Emergency Management Agency

Telephone: 508-820-2019

Last EDR Contact: 04/16/2015

Next Scheduled EDR Contact: 08/03/2015

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: 04/06/2015

Date Data Arrived at EDR: 04/10/2015

Date Made Active in Reports: 04/21/2015

Number of Days to Update: 11

Source: Department of Health & Human Services, Childhood Lead Poisoning Prevention Progr

Telephone: 617-624-5757

Last EDR Contact: 04/06/2015

Next Scheduled EDR Contact: 07/20/2015

Data Release Frequency: Varies

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

Date Data Arrived at EDR: 12/08/2006

Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710

Last EDR Contact: 04/14/2015

Next Scheduled EDR Contact: 07/27/2015

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

Date Data Arrived at EDR: 03/09/2011

Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599

Last EDR Contact: 02/18/2015

Next Scheduled EDR Contact: 06/01/2015

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

Date Data Arrived at EDR: 11/08/2011

Date Made Active in Reports: 12/05/2011

Number of Days to Update: 27

Source: MassGIS

Telephone: 617-556-1150

Last EDR Contact: 05/08/2015

Next Scheduled EDR Contact: 08/17/2015

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/14/2015 |
| Number of Days to Update: 339 | Next Scheduled EDR Contact: 07/27/2015 |
| | Data Release Frequency: N/A |

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

| | |
|---|--|
| Date of Government Version: 10/25/2013 | Source: EPA |
| Date Data Arrived at EDR: 10/17/2014 | Telephone: 202-564-6023 |
| Date Made Active in Reports: 10/20/2014 | Last EDR Contact: 02/13/2015 |
| Number of Days to Update: 3 | Next Scheduled EDR Contact: 05/25/2015 |
| | Data Release Frequency: Quarterly |

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 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 08/27/2014 | Telephone: 617-292-5632 |
| Date Made Active in Reports: 08/29/2014 | Last EDR Contact: 02/26/2015 |
| Number of Days to Update: 2 | Next Scheduled EDR Contact: 06/08/2015 |
| | 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 | Source: American Journal of Public Health |
| Date Data Arrived at EDR: 10/27/2010 | Telephone: 703-305-6451 |
| Date Made Active in Reports: 12/02/2010 | Last EDR Contact: 12/02/2009 |
| Number of Days to Update: 36 | 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: 11/25/2014 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 11/26/2014 | Telephone: 703-603-8787 |
| Date Made Active in Reports: 01/29/2015 | Last EDR Contact: 04/10/2015 |
| Number of Days to Update: 64 | Next Scheduled EDR Contact: 07/20/2015 |
| | Data Release Frequency: Varies |

HW GEN: List of Massachusetts Hazardous Waste Generators

Permanent generator identification numbers for all Massachusetts generators of hazardous waste and waste oil that have registered with or notified MassDEP of their hazardous waste activities.

| | |
|---|--|
| Date of Government Version: 03/23/2015 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 03/31/2015 | Telephone: 617-292-5500 |
| Date Made Active in Reports: 04/08/2015 | Last EDR Contact: 03/31/2015 |
| Number of Days to Update: 8 | Next Scheduled EDR Contact: 07/13/2015 |
| | Data Release Frequency: Semi-Annually |

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/22/2013 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/03/2015 | Telephone: 703-308-4044 |
| Date Made Active in Reports: 03/09/2015 | Last EDR Contact: 02/13/2015 |
| Number of Days to Update: 6 | Next Scheduled EDR Contact: 05/25/2015 |
| | 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 | Source: Environmental Protection Agency |
| Date Data Arrived at EDR: 03/21/2014 | Telephone: 617-520-3000 |
| Date Made Active in Reports: 06/17/2014 | Last EDR Contact: 05/07/2015 |
| Number of Days to Update: 88 | Next Scheduled EDR Contact: 08/24/2015 |
| | 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 | Source: Department of Environmental Protection |
| Date Data Arrived at EDR: 06/04/2013 | Telephone: 617-292-5580 |
| Date Made Active in Reports: 07/18/2013 | Last EDR Contact: 04/02/2015 |
| Number of Days to Update: 44 | Next Scheduled EDR Contact: 07/13/2015 |
| | 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: 04/16/2015 |
| Number of Days to Update: 24 | Next Scheduled EDR Contact: 08/03/2015 |
| | Data Release Frequency: Quarterly |

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: 05/01/2015 |
| Number of Days to Update: 83 | Next Scheduled EDR Contact: 08/10/2015 |
| | Data Release Frequency: Varies |

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/15/2015
Next Scheduled EDR Contact: 07/27/2015
Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

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: 10/01/2014
Date Data Arrived at EDR: 10/30/2014
Date Made Active in Reports: 11/10/2014
Number of Days to Update: 11

Source: Department of Environmental Protection
Telephone: 617-292-5970
Last EDR Contact: 04/13/2015
Next Scheduled EDR Contact: 07/27/2015
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: 03/09/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/25/2015
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/16/2015
Next Scheduled EDR Contact: 06/01/2015
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
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/22/2015
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
Date Data Arrived at EDR: 12/23/2010
Date Made Active in Reports: 02/03/2011
Number of Days to Update: 42

Source: Department of Environmental Protection
Telephone: 617-292-5970
Last EDR Contact: 03/13/2015
Next Scheduled EDR Contact: 06/29/2015
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/30/2015
Next Scheduled EDR Contact: 07/13/2015
Data Release Frequency: Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR 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
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR 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
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Massachusetts.

Date of Government Version: N/A

Date Data Arrived at EDR: 07/01/2013

Date Made Active in Reports: 12/24/2013

Number of Days to Update: 176

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 06/01/2012

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Massachusetts.

Date of Government Version: N/A

Date Data Arrived at EDR: 07/01/2013

Date Made Active in Reports: 12/24/2013

Number of Days to Update: 176

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 06/01/2012

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PIONEER VALLEY RAILROAD
COLEMAN RD
SOUTHAMPTON, MA 01073

TARGET PROPERTY COORDINATES

| | |
|--------------------------------|--------------------------|
| Latitude (North): | 42.2454 - 42° 14' 43.44" |
| Longitude (West): | 72.7014 - 72° 42' 5.04" |
| Universal Transverse Mercator: | Zone 18 |
| UTM X (Meters): | 689641.6 |
| UTM Y (Meters): | 4679367.5 |
| Elevation: | 171 ft. above sea level |

USGS TOPOGRAPHIC MAP

| | |
|-----------------------|--------------------------|
| Target Property Map: | 42072-B6 MOUNT TOM, MA |
| Most Recent Revision: | 1998 |
| North Map: | 42072-C6 EASTHAMPTON, MA |
| Most Recent Revision: | 1979 |

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).

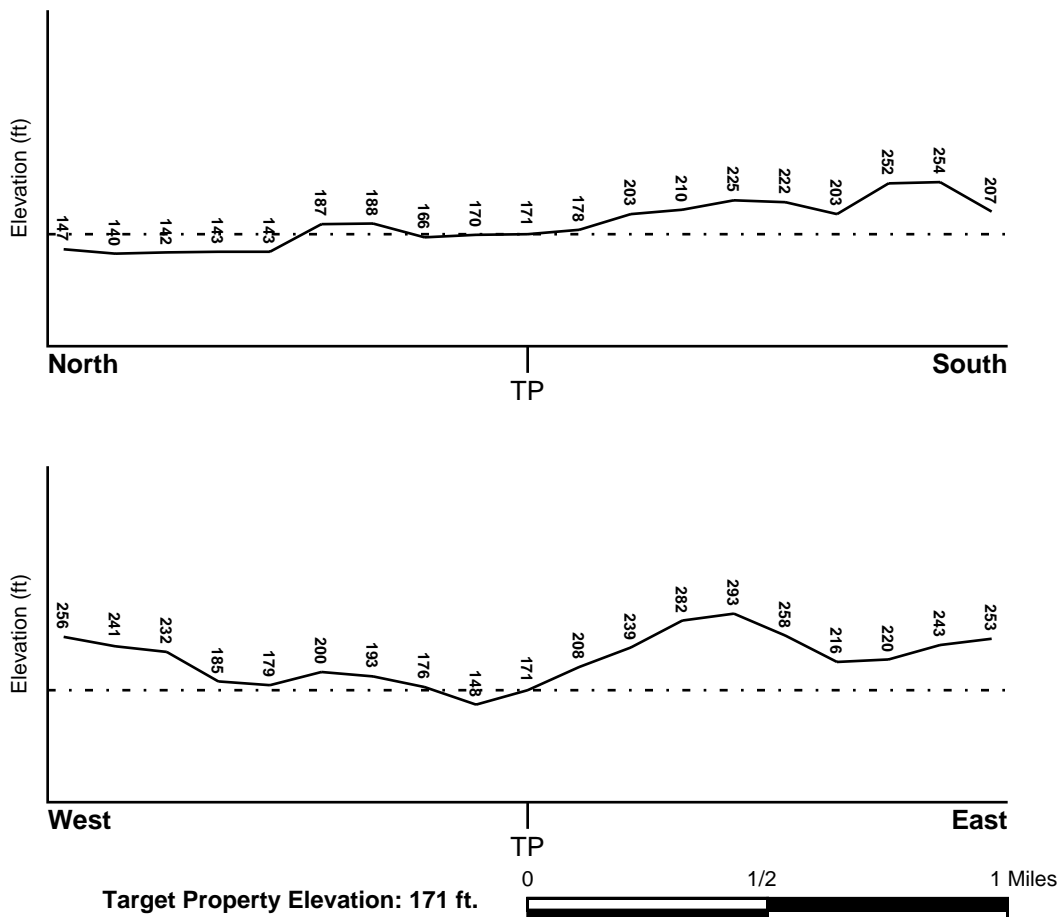
TOPOGRAPHIC INFORMATION

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 NW

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

Target Property County
HAMPSHIRE, MA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 2501710010A - FEMA Q3 Flood data

Additional Panels in search area: 2501600015B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
MOUNT TOM

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

| <u>MAP ID</u> | <u>LOCATION</u> <u>FROM TP</u> | <u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u> |
|---------------|-----------------------------------|---|
| Not Reported | | |

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Mesozoic
System: Triassic
Series: Triassic
Code: Tr (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

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: gravelly - sandy loam
fine sandy loam
muck
loamy fine sand
extremely gravelly - sand
silt loam
mucky - loamy sand

Surficial Soil Types: gravelly - sandy loam
fine sandy loam
muck
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
coarse sand
silt loam

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> |
|---------------|-----------------|-----------------------------|
| A1 | USGS40000470676 | 1/4 - 1/2 Mile WNW |

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

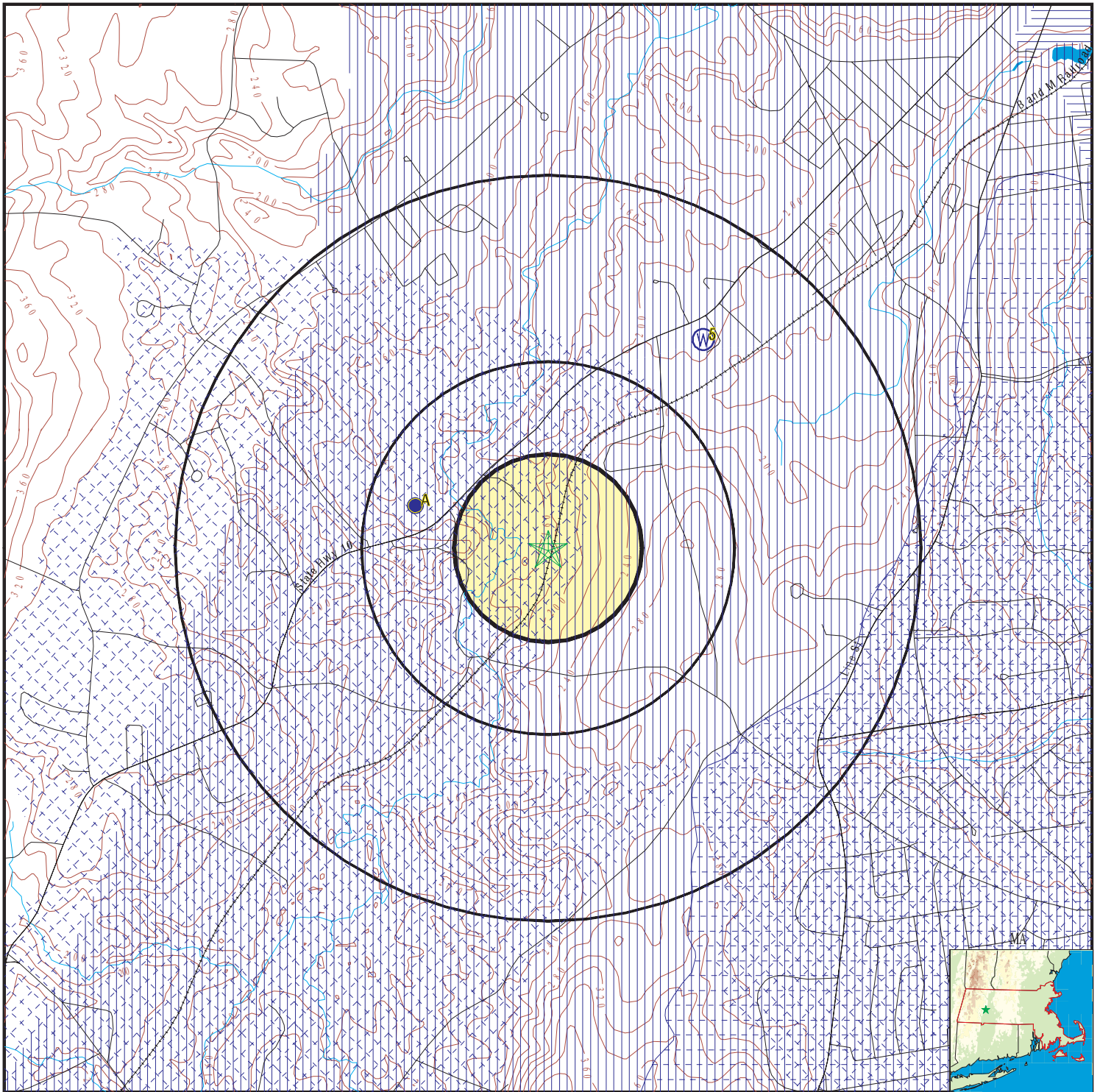
| <u>MAP ID</u> | <u>WELL ID</u> | <u>LOCATION FROM TP</u> |
|---------------|----------------|-----------------------------|
| A2 | MA1276000 | 1/4 - 1/2 Mile WNW |

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> |
|---------------|-----------------|-----------------------------|
| A3 | MA7000000002836 | 1/4 - 1/2 Mile WNW |
| A4 | MA7000000002837 | 1/4 - 1/2 Mile WNW |
| 5 | MA7000000002882 | 1/2 - 1 Mile NE |

PHYSICAL SETTING SOURCE MAP - 04291372.2r



- | | | |
|--|--|-------------------------------------|
| County Boundary | 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: Pioneer Valley Railroad
 ADDRESS: COLEMAN RD
 Southamptn MA 01073
 LAT/LONG: 42.2454 / 72.7014

CLIENT: Tighe & Bond
 CONTACT: Nicholas Guidi
 INQUIRY #: 04291372.2r
 DATE: May 11, 2015 8:38 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
WNW
1/4 - 1/2 Mile
Lower

FED USGS USGS40000470676

| | | | |
|-----------------------------|---|--------------------------|--------------|
| Org. Identifier: | USGS-MA | | |
| Formal name: | USGS Massachusetts Water Science Center | | |
| Monloc Identifier: | USGS-421449072423001 | | |
| Monloc name: | MA-SRW 50 | | |
| Monloc type: | Well | | |
| Monloc desc: | Not Reported | | |
| Huc code: | 01080201 | Drainagearea value: | Not Reported |
| Drainagearea Units: | Not Reported | Contrib drainagearea: | Not Reported |
| Contrib drainagearea units: | Not Reported | Latitude: | 42.2470347 |
| Longitude: | -72.70787 | 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: | Not Reported |
| Welldepth units: | Not Reported | Wellholedepth: | Not Reported |
| Wellholedepth units: | Not Reported | | |

Ground-water levels, Number of Measurements: 0

A2
WNW
1/4 - 1/2 Mile
Lower

FRDS PWS MA1276000

| | | | |
|-------------------|------------------------------|-------------------|---------------------|
| Epa region: | 01 | State: | MA |
| Pwsid: | MA1276000 | | |
| Pwsname: | SOUTHAMPTON WATER DEPT | | |
| City served: | Not Reported | State served: | MA |
| Zip served: | Not Reported | Fips county: | 25015 |
| Status: | Active | Pop srvd: | 3967 |
| Pwssvconn: | 1251 | Source: | Purch_surface_water |
| Pws type: | CWS | Owner: | Local_Govt |
| Contact: | JOSEPH SLATTERY | | |
| Contact or gname: | SOUTHAMPTON WATER DEPARTMENT | | |
| Contact phone: | 4135273666 | Contact address1: | P.O. BOX 379 |
| Contact address2: | 8 FOMER ROAD | Contact city: | SOUTHAMPTON |
| Contact state: | MA | Contact zip: | 01073 |
| Activity code: | A | | |

| | | | |
|----------------|-------------------------|--------------------|---------------|
| Facid: | 5 | | |
| Facname: | GILBERT RD PUMP STATION | | |
| Facility type: | Treatment_plant | Activity code: | A |
| Treatment obj: | corrosion control | Treatment process: | ph adjustment |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Location Information:

| | | | |
|------------|------------------------|------------|------------|
| Name: | SOUTHAMPTON WATER DEPT | | |
| Pwstypcd: | CWS | Prmsrccd: | SWP |
| Popservd: | 4012 | | |
| Add1: | P.O. BOX 379 | | |
| Add2: | 8 FOMER ROAD | | |
| City: | SOUTHAMPTON | State: | MA |
| Zip: | 01073 | Phone: | 4135273666 |
| Cityserv: | SOUTHAMPTON | Cnty serv: | Hampshire |
| Stateserv: | MA | Zip serv: | 01073 |

Enforcement Information:

| | | | |
|-----------------|----------------------------|---------------|--------------|
| Violation id: | Not Reported | Orig cd: | S |
| Enf fy: | 2000 | Enf act date: | 06/19/2000 |
| Enf act detail: | St AO (w/o penalty) issued | Enf act cat: | Not Reported |

Enforcement Information:

| | | | |
|-----------------|----------------------------|---------------|--------------|
| Violation id: | Not Reported | Orig cd: | S |
| Enf fy: | 2000 | Enf act date: | 05/04/2000 |
| Enf act detail: | St AO (w/o penalty) issued | Enf act cat: | Not Reported |

Enforcement Information:

| | | | |
|-----------------|--------------------------|---------------|--------------|
| Violation id: | Not Reported | Orig cd: | S |
| Enf fy: | 2005 | Enf act date: | 08/30/2005 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat: | Not Reported |

Enforcement Information:

| | | | |
|-----------------|--------------------------|---------------|--------------|
| Violation id: | Not Reported | Orig cd: | S |
| Enf fy: | 2012 | Enf act date: | 01/31/2012 |
| Enf act detail: | St AO (w/penalty) issued | Enf act cat: | Not Reported |

Enforcement Information:

| | | | |
|-----------------|----------------------------|---------------|--------------|
| Violation id: | Not Reported | Orig cd: | S |
| Enf fy: | 2005 | Enf act date: | 06/17/2005 |
| Enf act detail: | St AO (w/o penalty) issued | Enf act cat: | Not Reported |

Enforcement Information:

| | | | |
|-----------------|----------------------------|---------------|--------------|
| Violation id: | Not Reported | Orig cd: | S |
| Enf fy: | 2010 | Enf act date: | 11/04/2009 |
| Enf act detail: | St AO (w/o penalty) issued | Enf act cat: | Not Reported |

Enforcement Information:

| | | | |
|-----------------|----------------------------|---------------|------------|
| Violation id: | 2 | Orig cd: | S |
| Enf fy: | 2014 | Enf act date: | 03/20/2014 |
| Enf act detail: | St AO (w/o penalty) issued | Enf act cat: | Formal |

Enforcement Information:

| | | | |
|-----------------|----------------------------|---------------|------------|
| Violation id: | 1 | Orig cd: | S |
| Enf fy: | 2014 | Enf act date: | 03/20/2014 |
| Enf act detail: | St AO (w/o penalty) issued | Enf act cat: | Formal |

Enforcement Information:

| | | | |
|-----------------|----------------------------|---------------|------------|
| Violation id: | 1 | Orig cd: | S |
| Enf fy: | 2013 | Enf act date: | 05/08/2013 |
| Enf act detail: | St AO (w/o penalty) issued | Enf act cat: | Formal |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Enforcement Information:

| | | | |
|-----------------|----------------------------|---------------|------------|
| Violation id: | 01V0002 | Orig cd: | S |
| Enf fy: | 2001 | Enf act date: | 08/23/2001 |
| Enf act detail: | St AO (w/o penalty) issued | Enf act cat: | Formal |

Enforcement Information:

| | | | |
|-----------------|------------------------|---------------|------------|
| Violation id: | 01V0002 | Orig cd: | S |
| Enf fy: | 2001 | Enf act date: | 08/23/2001 |
| Enf act detail: | St Compliance achieved | Enf act cat: | Resolving |

Enforcement Information:

| | | | |
|-----------------|------------------------|---------------|------------|
| Violation id: | 01V0001 | Orig cd: | S |
| Enf fy: | 2004 | Enf act date: | 12/31/2003 |
| Enf act detail: | St Compliance achieved | Enf act cat: | Resolving |

Enforcement Information:

| | | | |
|-----------------|----------------------------|---------------|------------|
| Violation id: | 01V0001 | Orig cd: | S |
| Enf fy: | 2001 | Enf act date: | 05/23/2001 |
| Enf act detail: | St AO (w/o penalty) issued | Enf act cat: | Formal |

Violations Information:

| | | | |
|-----------------|--------------------|-------------|--------------|
| Violocation id: | 2 | 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 |
| State mcl: | Not Reported | Cmpbdt: | 09/01/2013 |
| Cmpedt: | 09/30/2013 | | |

Violations Information:

| | | | |
|-----------------|--------------------|-------------|--------------|
| Violocation id: | 1 | 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 |
| State mcl: | Not Reported | Cmpbdt: | 04/01/2013 |
| Cmpedt: | 04/30/2013 | | |

Violations Information:

| | | | |
|-----------------|--------------------------|-------------|--------------|
| Violocation id: | 01V0002 | Orig cd: | S |
| State: | MA | Viol fy: | 2001 |
| Contamcd: | 7000 | | |
| Contamnm: | Consumer Confidence Rule | | |
| Viol code: | 72 | | |
| Viol name: | CCR Inadequate Reporting | | |
| Rule code: | 420 | | |
| Rule name: | CCR | | |
| Violmeasur: | Not Reported | Unitmeasur: | Not Reported |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|---|--|---------------------|---------------|
| State mcl: | Not Reported | Cmpbdt: | 07/01/2001 |
| Cmpedt: | Not Reported | | |
| Violations Information: | | | |
| Violocation id: | 01V0001 | Orig cd: | S |
| State: | MA | Viol fy: | 1997 |
| Contamcd: | 5000 | | |
| Contamnm: | Lead and Copper Rule | | |
| Viol code: | 58 | | |
| Viol name: | OCCT/SOWT Treatment Installation/Demonstration | | |
| Rule code: | 350 | | |
| Rule name: | LCR | | |
| Violmeasur: | Not Reported | Unitmeasur: | Not Reported |
| State mcl: | Not Reported | Cmpbdt: | 01/01/1997 |
| Cmpedt: | Not Reported | | |
| PWS ID: MA1276000 | | | |
| Date Initiated: | Not Reported | Date Deactivated: | Not Reported |
| PWS Name: | SOUTHAMPTON WATER DEPARTMENT 17 GILBERT RD SOUTHAMPTON, MA 010730000 | | |
| Addressee / Facility: Mailing SOUTHAMPTON WATER DEPARTMENT PO BOX 379 GILBERT RD SOUTHAMPTON, MA 010730000 | | | |
| Facility Latitude: | 42 14 50.0000 | Facility Longitude: | 72 42 30.0000 |
| City Served: | Not Reported | | |
| Treatment Class: | Mixed (treated and untreated) | Population: | 2430 |

Violations information not reported.

ENFORCEMENT INFORMATION:

| | | | |
|---------------------------------------|---------------------------------|--------------|--------------------|
| Truedate: | 03/31/2009 | Pwsid: | MA1276000 |
| Pwsname: | SOUTHAMPTON WATER DEPT | | |
| Retpopsrvd: | 3545 | Pwstypecod: | C |
| Void: | 01V0001 | Contaminant: | LEAD & COPPER RULE |
| Viol. Type: | OCCT Installation/Demonstration | | |
| Complperbe: | 1/1/1997 0:00:00 | | |
| Complperen: | 12/31/2003 0:00:00 | Enfdate: | 12/31/2003 0:00:00 |
| Enf action: | State Compliance Achieved | | |
| Violmeasur: | Not Reported | | |
| Truedate: 03/31/2009 Pwsid: MA1276000 | | | |
| Pwsname: | SOUTHAMPTON WATER DEPT | | |
| Retpopsrvd: | 3545 | Pwstypecod: | C |
| Void: | 01V0001 | Contaminant: | LEAD & COPPER RULE |
| Viol. Type: | OCCT Installation/Demonstration | | |
| Complperbe: | 1/1/1997 0:00:00 | | |
| Complperen: | 12/31/2003 0:00:00 | Enfdate: | 5/23/2001 0:00:00 |
| Enf action: | State AO (w/o Penalty) Issued | | |
| Violmeasur: | Not Reported | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------|--------------------------|--------------|-------------------|
| Truedate: | 03/31/2009 | Pwsid: | MA1276000 |
| Pwsname: | SOUTHAMPTON WATER DEPT | | |
| Retpopsrvd: | 3545 | Pwstypecod: | C |
| Void: | 01V0002 | Contaminant: | 7000 |
| Viol. Type: | CCR Inadequate Reporting | | |
| Complperbe: | 7/1/2001 0:00:00 | | |
| Complperen: | 8/23/2001 0:00:00 | Enfdate: | 8/23/2001 0:00:00 |
| Enf action: | State Formal NOV Issued | | |
| Violmeasur: | Not Reported | | |

| | | | |
|-------------|---------------------------|--------------|-------------------|
| Truedate: | 03/31/2009 | Pwsid: | MA1276000 |
| Pwsname: | SOUTHAMPTON WATER DEPT | | |
| Retpopsrvd: | 3545 | Pwstypecod: | C |
| Void: | 01V0002 | Contaminant: | 7000 |
| Viol. Type: | CCR Inadequate Reporting | | |
| Complperbe: | 7/1/2001 0:00:00 | | |
| Complperen: | 8/23/2001 0:00:00 | Enfdate: | 8/23/2001 0:00:00 |
| Enf action: | State Compliance Achieved | | |
| Violmeasur: | Not Reported | | |

| | | | |
|--------------------|---------------------------------|--------------|-------------------------------|
| System Name: | SOUTHAMPTON WATER DEPARTMEN | | |
| Violation Type: | OCCT Installation/Demonstration | | |
| Contaminant: | LEAD & COPPER RULE | | |
| Compliance Period: | 1997-01-01 - 2015-12-31 | | |
| Violation ID: | 01V0001 | | |
| Enforcement Date: | 2001-05-23 | Enf. Action: | State AO (w/o Penalty) Issued |

| | | | |
|--------------------|---------------------------------|--------------|-------------------------------|
| System Name: | SOUTHAMPTON WATER DEPARTMENT | | |
| Violation Type: | OCCT Installation/Demonstration | | |
| Contaminant: | LEAD & COPPER RULE | | |
| Compliance Period: | 1997-01-01 - 2015-12-31 | | |
| Violation ID: | 01V0001 | | |
| Enforcement Date: | 2001-05-23 | Enf. Action: | State AO (w/o Penalty) Issued |

| | | | |
|--------------------|---------------------------------------|--------------|-------------------------------|
| System Name: | SOUTHAMPTON WATER DEPT | | |
| Violation Type: | OCCT Installation/Demonstration | | |
| Contaminant: | LEAD & COPPER RULE | | |
| Compliance Period: | 1/1/1997 0:00:00 - 12/31/2025 0:00:00 | | |
| Violation ID: | 01V0001 | | |
| Enforcement Date: | 5/23/2001 0:00:00 | Enf. Action: | State AO (w/o Penalty) Issued |

| | | | |
|--------------------|---------------------------------------|--------------|-------------------------------|
| System Name: | SOUTHAMPTON WATER DEPT | | |
| Violation Type: | OCCT Installation/Demonstration | | |
| Contaminant: | LEAD & COPPER RULE | | |
| Compliance Period: | 1/1/1997 0:00:00 - 12/31/2025 0:00:00 | | |
| Violation ID: | 01V0001 | | |
| Enforcement Date: | 5/23/2001 0:00:00 | Enf. Action: | State AO (w/o Penalty) Issued |

| | | | |
|--------------------|--------------------------------------|--------------|---------------------------|
| System Name: | SOUTHAMPTON WATER DEPT | | |
| Violation Type: | CCR Inadequate Reporting | | |
| Contaminant: | 7000 | | |
| Compliance Period: | 7/1/2001 0:00:00 - 8/23/2001 0:00:00 | | |
| Violation ID: | 01V0002 | | |
| Enforcement Date: | 8/23/2001 0:00:00 | Enf. Action: | State Compliance Achieved |

| | | | |
|--------------------|--------------------------------------|--------------|---------------------------|
| System Name: | SOUTHAMPTON WATER DEPT | | |
| Violation Type: | CCR Inadequate Reporting | | |
| Contaminant: | 7000 | | |
| Compliance Period: | 7/1/2001 0:00:00 - 8/23/2001 0:00:00 | | |
| Violation ID: | 01V0002 | | |
| Enforcement Date: | 8/23/2001 0:00:00 | Enf. Action: | State Compliance Achieved |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

| | | | |
|--------------------|--------------------------------------|--------------|-------------------------|
| System Name: | SOUTHAMPTON WATER DEPT | | |
| Violation Type: | CCR Inadequate Reporting | | |
| Contaminant: | 7000 | | |
| Compliance Period: | 7/1/2001 0:00:00 - 8/23/2001 0:00:00 | | |
| Violation ID: | 01V0002 | | |
| Enforcement Date: | 8/23/2001 0:00:00 | Enf. Action: | State Formal NOV Issued |
| | | | |
| System Name: | SOUTHAMPTON WATER DEPT | | |
| Violation Type: | CCR Inadequate Reporting | | |
| Contaminant: | 7000 | | |
| Compliance Period: | 7/1/2001 0:00:00 - 8/23/2001 0:00:00 | | |
| Violation ID: | 01V0002 | | |
| Enforcement Date: | 8/23/2001 0:00:00 | Enf. Action: | State Formal NOV Issued |

CONTACT INFORMATION:

| | | | |
|------------|------------------------|-------------|------------|
| Name: | SOUTHAMPTON WATER DEPT | Population: | 3545 |
| Contact: | JOSEPH F SLATTERY | Phone: | 4135274333 |
| | | | |
| Address: | PO BOX 379 | | |
| Address 2: | 8 FOMER ROAD | | |
| | SOUTHAMPTON, MA 01073 | | |

A3
WNW
1/4 - 1/2 Mile
Lower

MA WELLS MA7000000002836

| | | | |
|------------|--------------|------------|-----------------|
| Objectid: | 1992 | | |
| Fac name: | Not Reported | | |
| Address: | Not Reported | | |
| Town: | SOUTHAMPTON | Region: | 1 |
| 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: | 1276000-01G | Site name: | WELL #1 |
| Latitude: | 42.24690569 | | |
| Longitude: | -72.70876668 | | |
| Type: | GW | Zii num: | 201 |
| Pws id: | 1276000 | Site id: | MA7000000002836 |

| | | | |
|------------|---|--|--------------------------------|
| Objectid: | 1992 | | |
| Source id: | 1276000-01G | | |
| 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 | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------|-------------|-------------|---|
| Objectid: | 1169 | Pws name: | SOUTHAMPTON WATER DEPT |
| Source id: | 1276000-01G | Pws status: | A |
| S name: | WELL #1 | Pws class: | Community surface and groundwater sources |
| S status: | A | | |
| S availabi: | ACTIVE | | |

| | | | |
|-------------|-------------------------|------------|----------------------|
| Objectid: | 743 | Wellname: | COLLEGE HIGHWAY WELL |
| Town: | SOUTHAMPTON | Basin: | CONNECTICUT LOWLANDS |
| Purveyor: | SOUTHAMPTON WATER DEPT. | Method: | NUMERICAL/MODFLOW |
| Region: | Western | Prg: | ALA |
| Aquifer: | CONFINED | App date: | 30-JUL-93 |
| Sub date: | Not Reported | Status: | Current |
| Gpm: | 550* | Whp cntrl: | No |
| System: | Community | Source id: | 1276000-01G |
| Bylaw date: | Not Reported | | |
| Zii num: | 201 | | |

A4 WNW 1/4 - 1/2 Mile Lower

MA WELLS MA7000000002837

| | | | |
|------------|--------------|------------|-----------------|
| Objectid: | 3410 | Region: | 1 |
| Fac name: | Not Reported | Hw id: | Not Reported |
| Address: | Not Reported | | |
| Town: | SOUTHAMPTON | Air: | Not Reported |
| Rtn: | Not Reported | Hwr: | Not Reported |
| Sw id: | Not Reported | Lqg rcra: | Not Reported |
| Sseis id: | 0 | Tsdf: | Not Reported |
| Npdes id: | Not Reported | | |
| Gwd: | Not Reported | Site name: | WELL #2 |
| Lqg ma: | Not Reported | | |
| Lqtu: | Not Reported | | |
| Swd: | Not Reported | | |
| Fac id: | 0 | | |
| Source id: | 1276000-02G | | |
| Latitude: | 42.24696495 | | |
| Longitude: | -72.70884179 | | |
| Type: | GW | Zii num: | 201 |
| Pws id: | 1276000 | Site id: | MA7000000002837 |

| | | | |
|------------|---|--|---|
| Objectid: | 3410 | | |
| Source id: | 1276000-02G | | |
| Base Map: | Digitized on screen using digital orthophoto base map (DOQ) | | |
| L acc est: | Estimated horizontal accuracy is +L 100ft (30.5m) | | Approximate location of public water supply (PWS) groundw |
| L meth: | PHO | | |
| L src 1: | MassGIS 1:5,000 digital orthophotography | | |
| L src 2: | Not Reported | | |
| L src 3: | Not Reported | | |

| | | | |
|-------------|-------------|-------------|---|
| Objectid: | 1170 | Pws name: | SOUTHAMPTON WATER DEPT |
| Source id: | 1276000-02G | Pws status: | A |
| S name: | WELL #2 | Pws class: | Community surface and groundwater sources |
| S status: | A | | |
| S availabi: | ACTIVE | | |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

| | | | |
|-------------|-------------------------|------------|-------------------|
| Objectid: | 1051 | Wellname: | WELL #2 |
| Town: | SOUTHAMPTON | Basin: | CONNECTICUT |
| Purveyor: | SOUTHAMPTON WATER DEPT. | Method: | NUMERICAL/MODFLOW |
| Region: | Western | Prg: | NSA |
| Aquifer: | CONFINED | App date: | Not Reported |
| Sub date: | Not Reported | Status: | Current |
| Gpm: | **** | Whp cntrl: | Not Reported |
| System: | Community | Source id: | 1276000-02G |
| Bylaw date: | Not Reported | | |
| Zii num: | 201 | | |

5
NE
1/2 - 1 Mile
Higher

MA WELLS MA7000000002882

| | | | |
|------------|-----------------------|------------|-----------------|
| Objectid: | 1637 | | |
| Fac name: | JPS ELASTOMERICS CORP | | |
| Address: | 412 MAIN ST RTE 10 | | |
| Town: | EASTHAMPTON | Region: | 1 |
| 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: | Y | | |
| Fac id: | 132013 | | |
| Source id: | Not Reported | Site name: | Not Reported |
| Latitude: | 0 | | |
| Longitude: | 0 | | |
| Type: | Not Reported | Zii num: | 0 |
| Pws id: | Not Reported | Site id: | MA7000000002882 |

| | |
|------------|---|
| Objectid: | 845 |
| Base Map: | Digitized on screen using digital orthophoto base map (DOQ) |
| L acc est: | Estimated horizontal accuracy is +/-16ft (5m) |
| L type: | CB |
| L meth: | MAP |
| L src 1: | USGS topographic quadrangle map |
| L src 2: | MassGIS 1:5,000 digital orthophotography |
| L src 3: | Not Reported |
| L date: | 25-MAR-04 |
| Fac id: | 132013 |

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: MA Radon

Radon Test Results

| County | % of sites > 4 pCi/L | Median |
|-----------|----------------------|--------|
| HAMPSHIRE | 23 | 1.6 |

Federal EPA Radon Zone for HAMPSHIRE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 01073

Number of sites tested: 1

| Area | Average Activity | % < 4 pCi/L | % 4-20 pCi/L | % > 20 pCi/L |
|-------------------------|------------------|--------------|--------------|--------------|
| Living Area - 1st Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Living Area - 2nd Floor | Not Reported | Not Reported | Not Reported | Not Reported |
| Basement | 0.400 pCi/L | 100% | 0% | 0% |

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (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.

OTHER STATE DATABASE INFORMATION

RADON

State Database: MA Radon

Source: Department of Health

Telephone: 413-586-7525

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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YEARS OF EXPERIENCE

29

SPECIALTIES

**Environmental Site Assessment
Wetlands & Ecological Services
Emergency Response & Remediation
Power Utilities
Natural Resources Conservation &
Restoration
River Systems & Fish Passage
Improvements**

LICENSES/REGISTRATIONS

**Professional Wetlands Scientist
(#1227)
Licensed Site Professional—MA (#9999)**

EDUCATION

**Bachelor of Science
Environmental Sciences
University of Massachusetts Amherst
Master of Science
Natural Resource Management
and Administration
Antioch University - New England
40-Hour OSHA HAZWOPER Training**

PROFESSIONAL AFFILIATIONS

**Society of Wetland Scientists
River Management Society—
Northeast Chapter, Vice President
Association of Massachusetts
Wetland Scientists (Education and
Government Affairs Committee)
Licensed Site Professional
Association (LSPA)
Massachusetts River Alliance –
Board of Directors
Trout Unlimited, MA / RI
Council – Vice President**

Paul Beaulieu has 29 years of environmental consulting experience. He has served as the Technical Practice Group Leader for Tighe & Bond's environmental site assessment and wetlands and ecological services groups, overseeing the technical work of these groups. He is a registered Professional Wetlands Scientist (PWS), and as a Licensed Site Professional (LSP), has also managed hundreds of site assessment and emergency response projects to remediate spills of oil and hazardous materials. His detailed knowledge of site assessment, wetlands science, and state and federal regulations makes him uniquely qualified to manage the cleanup of spills into wetland resource areas.

Paul has a passion for river systems and is active at both a statewide and regional level in organizations whose missions are to assess, restore, and enhance the ecological quality of streams and rivers. His role for these groups transfers well to Tighe & Bond's reputation as a regional leader in providing multi-disciplined and innovative environmental consulting solutions to our clientele. His work has included managing stream condition surveys, stream barrier removal projects, and fish passage improvement projects.

Professional Experience

Site Assessment/Emergency Response

- **Site Assessment and Cleanup:** Serve as LSP and project manager on numerous contaminated site assessments and cleanup projects each year. Sites have included 100,000+ gallons oil storage tanks; dry cleaners, electrical transformers, cutlery factories, auto repair facilities and other industries.
- **Emergency Spill Response:** Serve as project manager and LSP for emergency spill response projects for two major electrical utility companies in western Massachusetts. Assign staff, develop cleanup plans, and coordinate required agency reporting for numerous spill projects each year. During 2011, managed the efforts of 18 staff members who responded to over 500 separate releases of oil from electrical transformers associated with numerous severe weather related events, including the June 1, 2011 tornado that struck western Massachusetts, Hurricane Irene and the October snowstorm.
- **Due Diligence Projects:** Provide project management for client due diligence projects associated with the sale and or transfer of real estate aimed at limiting client environmental liability. Well versed in requirements of the American Society of Testing and Materials E-1527-05 standard and the All Appropriate Inquiries requirements for environmental due diligence.

Brownfields

- **Bennington County Site Assessments:** Coordinated selection of sites, and managed Phase I and Phase II site assessments, for a multi-site federally-funded Brownfields project in Bennington County, VT.
- **Windham County Corrective Action Plans:** Developed Corrective Action Plans for contaminated sites for two Brownfields project sites in Windham County, VT.

- **Easthampton Environmental Assessments:** Managed Phase I, II, III, and IV environmental assessments at a former automotive repair facility in Easthampton, MA. Designed and implemented a remediation program that has achieved site closure and made the property available for redevelopment.

Natural Resources Conservation and Restoration

- **Wild & Scenic Westfield River Committee:** Serving as project manager for this committee, developed culvert replacement conceptual plans, and opinion of probable costs, to improve fish passage at three culvert locations in the watershed (2013).
- **PCB Contamination Research:** Researched historical PCB contamination levels in the Housatonic River system and developed a Sediment Management Plan to support a potential removal of the Columbia Mill Dam in Lee, Massachusetts for the Massachusetts Division of Ecological Restoration (DER). (2011)
- **Alternative Analysis Development:** Served as the project manager for the development of detailed Alternatives Analysis and Opinion of Probable Costs for (alternatives to rebuilding) breached dams on the Green River (Greenfield, MA) and the North River (Colrain, MA) for DER. Performed after Hurricane Irene in August 2011.
- **Tel-Electric Dam:** Served as the project manager for DER's Tel-Electric Dam project in Pittsfield, MA, developing detailed sediment cross-section plans, a longitudinal and cross-section survey plan, sediment volume estimates, and LSP analysis of sediment quality. Assisted DER with evaluating in-stream sediment quality on the west branch of the Housatonic River in 2013.
- **River Restoration:** As a past President of the Board of Directors of the Pioneer Valley Chapter of Trout Unlimited, conceived of, designed, permitted, and coordinated the removal of a rock barrier that restricted fish passage on the Swift River in Belchertown/Ware, MA. As Vice Chair for Conservation for the MA/RI Council of T.U., works with key decision makers at the statewide and regional levels to set priorities for river restoration and conservation projects.
- **Kestrel Land Trust:** Serve as Vice Chair of a western Massachusetts regional land trust helping to identify ecologically significant parcels and develop strategies for acquisition efforts with landowners.
- **Wildlife Conservation:** During a one-year sabbatical leave worked for DOPPS-BirdLife Slovenia, the Slovenian partner of BirdLife International. Co-authored successful 600,000€ grant application to the European Union's Life Commission for conservation measures aimed at protecting the globally threatened Corncrake (*Crex crex*); co-authored/edited monitoring reports for the E.U.-funded ecological restoration of the 130-hectare Škocjanski Zatok estuary in Koper, Slovenia.

Wetlands

- **Peer Review Services:** Provides peer review services to Tighe & Bond's municipal conservation clients for complex development projects proposed within their communities.
- **Resource Area Surveys and Site Restoration:** Conducted resource area surveys and prepared site restoration plans and environmental permit applications for the demolition of an 1800's era abandoned mill facility along the banks of the Connecticut River in South Hadley, MA. Served as a liaison between the client and environmental regulatory agencies to advance the project toward completion.
- **MWRA Connecticut Valley Aqueduct:** Conducted wetland delineations, designed restoration plans, prepared permits, coordinated regulatory agency meetings, and provided construction monitoring for the MWRA's Connecticut Valley Aqueduct pipeline redundancy project, which included approximately two acres of wetland restoration along a 2,500-foot cross-country section of the 5-mile pipeline route.
- **Invasive Species:** Designed and implemented a 5-year plan to monitor invasive wetland plant species at the groundwater supply well in Cheshire, MA to study the potential effects of water withdrawal on adjacent wetland areas.

Publications and Presentations

1. Beaulieu, P.G. "Improving Fish Passage and Stream Flow on the Swift River - One Project at a Time." *River Management Society News*, Volume 21, No. 1, Spring 2008.
2. Beaulieu, P.G., N. Salaja, and B. Mozetic. "The Restoration of the Škocjanski Zatok Nature Reserve (Koper Slovenia) – Meeting Competing Demands for Freshwater" *Journal of the New England Water Works Association*, Vol. 121, No. 3, September 2007.
3. Beaulieu, P.G., "Emergency Response Actions and Bioremediation of a 700-Gallon Diesel Fuel Spill, Palmer Railroad Yard, Palmer, Massachusetts," *Proceedings of the 17th Annual International Conference on Contaminated Soils, Sediments and Water*, University of Massachusetts, Amherst, MA, October 2001.
4. Beaulieu, P.G., M.J. Matilainen, J. Kidwell, "Demolition and Site Closure of the Hampden Steam Power Plant: A Lesson in Regulatory Cooperation," *Proceedings from the New England Environmental Exposition*, Boston, MA, April 1994.

Tighe & Bond

Offices are located
throughout New England.

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