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207 Pleasant Street
Village of Housatonic,
Great Barrington, Massachusetts
Site Location

Phase I Environmental Site Assessment

Prepared For:

Town of Great Barrington
Great Barrington, Massachusetts

September 2012

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SECTION 1

Section 1
Introduction

Tighe & Bond has completed a Phase I Environmental Site Assessment (Phase I ESA) for the property located at 207 Pleasant Street in the Village of Housatonic in Great Barrington, Berkshire County, Massachusetts (the site). This Phase I investigation was performed for the Town of Great Barrington in accordance with our agreement dated August 10, 2012. This Phase I investigation was performed in compliance with the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) and the American Society for Testing Materials (ASTM) Standard E1527-05 for Phase I Environmental Site Assessments (Phase I ESA). A Site Locus map, a Massachusetts Geographic Information System (MassGIS) map, and an Orthophotograph are provided in Appendix A as Figures 1, 2 and 3, respectively.

The site consists of two parcels. In general, the western parcel is improved by a two-story former elementary school building, and the eastern parcel consists of the school's field and playground areas. The purpose of the assessment was to identify existing or potential recognized environmental conditions (RECs) associated with current or past activities at the site. The tasks performed to evaluate the site included the following:

- An environmental database search of state and Federal records pertaining to the use, storage and release of petroleum products and hazardous substances in the subject site vicinity
- A review of available municipal records
- An environmental liens search
- Historical research, including a review of previous environmental reports for the site
- A review of geological publications and maps for the subject site area
- A subject site reconnaissance & interviews with persons knowledgeable about the subject site.

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 E1527-05 standard.

- 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 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 RECs – an environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently.
- Institutional Controls (IC) – A legal or administrative restriction on the use of, or access of, or access to, a 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.
- Key Site Manager – The person identified by the owner or operator of a property as having good knowledge of the uses and physical characteristics of the property.
- OHM – means oil and/or hazardous material.
- 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 on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property.

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SECTION 2

Section 2
General Site Description

Existing conditions at the site and in the surrounding area were evaluated through a review of background site information provided by the Town, a site reconnaissance visit, and a review of other municipal records. Environmental conditions were also evaluated through a review of other records and published mapping of the area surrounding the site.

Background site information provided by the Town included the following:

- A plan titled "Map Showing Division of Housatonic School Lot" prepared by Foresight Land Services of Pittsfield, Massachusetts (dated May 12, 2008)
- Building floor plans prepared by The Gillen Partnership of Amherst, Massachusetts
- "Reinspection and Reassessment" asbestos survey forms prepared for the Housatonic Elementary School in 1995 by Eco-Genesis of Pittsfield, Massachusetts

Copies of these documents are provided in Appendix B for reference.

Also as part of this Phase I investigation, an electronic data search of Sanborn Fire Insurance maps, historical topographic maps, aerial photographs, property tax maps and historical Town directories was conducted using the services provided by Environmental Data Resources, Inc. (EDR®) of Milford, Connecticut. General site information was also obtained from the EDR's Radius Map Report (see Section 3.2 below for further description). Copies of the EDR reports are provided in Appendix C.

2.1 Existing Conditions

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

2.1.1 Property Description and Site Use

The geographical location of the site is approximately 42.2552° north latitude and 73.3676° west longitude.

According to Great Barrington Assessor's records, the site is listed at 207 Pleasant Street in the Village of Housatonic, Great Barrington, Massachusetts. The site consists of two parcels identified on Assessor's Map 001 as Lot 0165 and 0165A, and the site contains a total of approximately 1.81 acres of land. The current owner of the site is the Town of Great Barrington. A copy of the Assessor's card is provided in Appendix D.

The western parcel is improved by a two-story, 7,644 square-foot building that was constructed circa 1903, and the eastern parcel is generally open field and playground areas (see surveyed in Appendix B for reference). The site was historically used as an elementary school. Further description of site conditions is provided below in Section 2.5.

The site is connected to the municipal water and sewer systems. Sewer infrastructure has been reportedly in place since the site building was constructed. The site currently utilizes a fuel oil-boiler system for heating the building.

2.1.2 Surrounding Property Description

The properties abutting the site include the following:

- East: Front Street, which is followed by a railroad spur and a commercial building (Country Curtains)
- South: Pleasant Street, which is followed by residences and mixed use commercial/residential buildings
- West: The Hoosiedome, a gym facility
- North: Meadow Street and residences

2.2 Physical Setting

2.2.1 Topography

The site location is illustrated on the USGS Topographic Map for the Stockbridge Quadrangle, Massachusetts (see Figure 1). The site is situated at an elevation ranging between approximately 737 and 757 feet above mean sea level with site topography sloping to the east. As also shown on Figure 1, topography in the general site area slopes to the east towards the Housatonic River.

2.2.2 Flood Plain and Wetland Information

According to the Flood Insurance Rate Map (FIRM) for the Town of Great Barrington, Massachusetts (Community Panel Number 250024 0002 B), the flood zone designation for the site is Zone C. Zone C is defined as area of minimal flood hazard. A zone A6 area, defined as an area of 100-year flood, is located within approximately 200 feet to the east of the site property line. A copy of the FIRM is provided in Appendix D.

According to the MassGIS Priority Resource Map (Figure 2, Appendix A), there are no mapped wetlands on the site. The nearest surface water body is the Housatonic River situated within 200 feet to the east of the site property line.

2.2.3 Soil Information

According to the EDR Radius Map Report, site soils are classified as fine sandy loam and loam. The soil component names are Copake and Pittsfield. The hydrologic group is Class B, which indicates moderate infiltration rates.

2.2.4 Geology

According to the *Bedrock Geologic Map of Massachusetts* by E-an Zen (USGS, 1983), bedrock beneath the site area is identified as Paleozoic Autochthonous and Parautochthonous sedimentary and volcanic rocks and their metamorphic equivalents. The bedrock is described as massive to finely laminated steel-gray calcitic dolomite marble containing a prominent zone of white quartz nodules near top.

2.2.5 Groundwater Quality and Flow

According to topographic map interpretation, the general direction of groundwater flow in the site area is to the east toward the Housatonic River.

2.2.6 Surrounding Resource Area Description

According to MassGIS mapping (see Figure 2), the site is not located within a Potentially Productive Aquifer, a Zone II, an Interim Wellhead Protection Area of a public water supply, or Sole Source Aquifer, or an Area of Critical Environmental Concern. Natural Heritage and Endangered Species Program (NHESP) Priority Habitat for Rare Species and Estimated Habitat for Rare Wildlife associated with the Housatonic River are located approximately 200 feet to the east of the site.

2.3 Site History

Site history information is provided in the EDR reports in Appendix C, and is summarized below.

2.3.1 Topographic Maps

Through the EDR database search, historic topographic maps for years 1890, 1897, 1900, 1948, 1959, 1973, 1987, and 1997 were reviewed. Pertinent observations from the historic topographic maps are summarized below:

- 1890, 1897 and 1900 – It is unclear if the subject site is developed due to the resolution of the topographic maps. However, it appears the area in the vicinity of the site is developed.
- 1948, 1959, 1973, 1987, and 1997 – The topographic maps depict the subject property as a school.

2.3.2 Directories

The 1964 directory for the Town of Great Barrington was reviewed in the Manning's City Directory. The directory was provided by EDR. No other directories were identified by EDR. There was no listing for the 207 Pleasant Street property in that directory.

Please refer to the EDR City Directory Abstract provided in Appendix C for a complete listing of nearby property details.

2.3.3 Aerial Photographs

Historical aerial photographs of the site area dated 1942, 1944, 1959, 1971, 1975, 1980, 1982, 1991, 1995, 1997, 2006, and 2008 were provided by EDR.

Pertinent site observations from the historic aerial photographs are summarized below:

- 1942 – Due to the resolution of the aerial photograph, specific site features are not discernible.
- 1944 and 1975 - Due to the resolution of the aerial photograph, specific site features are not discernible. However, it is clear that the site is developed with the current building, and the surrounding area is developed (buildings, roadways, etc.) in manner similar to current site area conditions.
- 1959, 1971, 1980, 1982, 1991, 1995, 1997, 2006, and 2008 - In general, the school building and school's open field area are discernible on these aerials.

2.3.4 Sanborn Maps

Sanborn Fire Insurance Maps of the subject site area dated 1912, 1923, 1947, and 1961 were provided by EDR.

On each of the four Sanborn maps, the site building is shown and is listed as two-story Public School heated by steam and containing a basement. The 1947 map indicates that the building was constructed in 1903. In each year, the eastern portion of the subject site is shown as vacant land. On the 1912, 1923, 1947 maps, there is a dwelling situated approximately 100 feet to the west of the school building, and on the two earlier maps it appears that this dwelling was located on the school building's parcel boundary at that time. That residence is not shown on the 1961 map, and the off-site auditorium building (currently occupied by "The Hoosiedome") is shown to the immediate north of where that dwelling had been located on this map. [Note: Based on the current parcel boundary outlay (see Figure 3 in Appendix A), it appears that that earlier dwelling was not located on the subject site.]

2.3.5 Tank History

According to the Great Barrington Fire Department, the site contained a 10,000 gallon fuel oil UST, which was removed in 2001 without incident and replaced with a 5,000 gallon UST that same year. Further discussion on tank history from our Fire Department records research is provided below in Section 3.4.

As part of this Phase I ESA, Tighe & Bond also conducted a review of UST listings for the site property using MADEP's UST Query Tool (http://public.dep.state.ma.us/UST). The site's former and current heating oil USTs were not listed in this MADEP database, and no other UST is currently registered for the 207 Pleasant Street property.

2.3.6 Historic Adjoining Property Use

In general, the historic uses of the adjoining properties has been consistent since the early 1900s with many of the abutting and/or nearby properties to the north, west, and south listed as residential dwellings on the Sanborn maps. Some stores and commercial operations occurred in the immediate site area, with the property to the immediate north of the school building containing a lumber shed, work shop, platform, coal pockets, grocery store, and an automotive garage-type building between the mapped years of 1912 to 1961. The downgradient property to the east across Front Street and the railroad spur also has historic commercial uses.

2.4 Site Ownership History

According to the Great Barrington Assessor's office, the current owner of the site property is the Town of Great Barrington. The Assessor's property card (see Appendix D) does not included property deed information (i.e., Book and Page reference), and Assessor's office personnel indicated that they do have those records for this school property. The surveyed plan of the site property does include deed references, with the most recent reference of Book 200, Page 29 (see Appendix B).

Using EDR's services, EDR conducted an environmental liens search of the property title for the subject site. Searching records back to 1940, EDR was unable to locate any property deed or probate filed for the subject property. A copy of EDR's Environmental LienSearch Report is provided in Appendix C.

2.5 Site Reconnaissance

Tighe & Bond personnel conducted a site reconnaissance visit on August 28, 2012. During our site visit, Michael Ball accompanied Tighe & Bond personnel. Mr. Ball works in the Facility Division of the Great Barrington Department of Public Works (DPW). A Photographic Log from our site reconnaissance visit is provided in Appendix E.

In summary, no release or threat of a release of OHM was observed during our site reconnaissance visit. In addition, no evidence of ASTs, equipment (i.e., transformers) that could contain polychlorinated biphenyls (PCBs), waste pits, ponds, lagoons, were observed. Evidence of the reported heating oil UST was observed off the western side of the site building, and miscellaneous storage of potential OHM (e.g., containers of cleaning chemicals) were observed in the site building, as further described below.

[Note: Under ASTM Standard E1527-05, an evaluation for the presence of asbestos-containing materials, radon, lead-based paint, and/or mold, and/or an evaluation of indoor air quality for site buildings are beyond the "all appropriate inquiry" criterion, and these potential concerns were not evaluated as part of this site reconnaissance visit.]

2.5.1 Exterior Portions

The site building is immediately surrounded by asphalt-paved driveways/parking areas. The eastern parcel contains grass field area, a basketball court, and playground areas (see copy of surveyed plan in appendix B for further reference).

The concrete slab with manhole cover and fill port for the reported 5,000-gallon heating oil UST were observed off the western side of the site building, and the tank's vent pipe was observed on this side of the building (see Photograph 4). No areas of staining or stressed vegetation were observed on the exterior portions of the building or in the open field, playground, or basketball court areas.

2.5.2 Interior Portions

For reference, see copies of building floor plans in Appendix B.

At the time of our visit, the first floor of the site building was being used by "The Bridge" for education and administrative purposes, and the second floor and basement areas were unoccupied. Minor amounts of cleaning chemicals were observed in the slop sink room in the basement (see Photograph 9).

Several floor drains were observed in the basement (see Photograph 10). According to Mr. Sokul, the floor drains are connected to the municipal sewer system and do not discharge directly to the subsurface.

Minor oil staining was observed on the concrete floor adjacent to the building's boiler unit (see Photograph 8). No evidence of significant staining or spills was observed in this area or in any other areas of the basement.

2.6 Interviews

Also on August 28, 2012, Tighe & Bond interviewed Joseph W. Sokul. Mr. Sokul is the Great Barrington DPW Superintendent. As part of this Phase I ESA, Mr. Sokul completed a Phase I User Questionnaire which is provided in Appendix E.

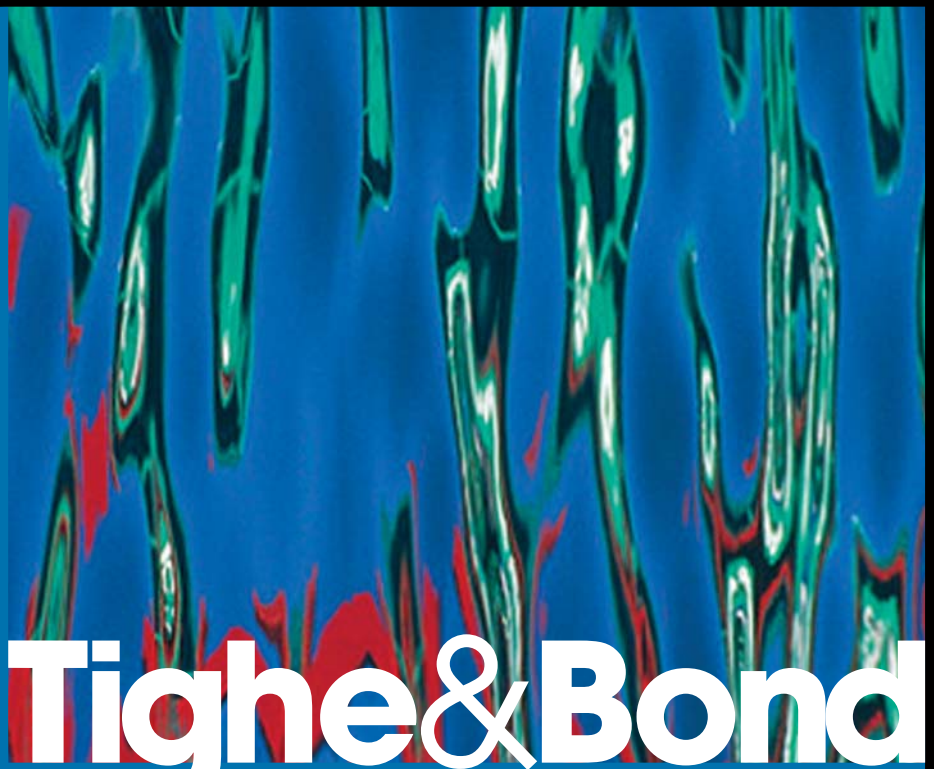
According to Mr. Sokul, the subject property building has been continuously operated as a school since its construction in the early 1900's, until the school was closed in the mid-2000s. Mr. Sokul was not aware of any environmental concerns associated with the site.

As part of this Phase I ESA, Tighe & Bond also interviewed Fire Department personnel via telephone. According to that official, a 10,000-gallon UST was removed from the site in 2001 without incident and that heating oil tank was replaced with a 5,000-gallon UST. Further review of Fire Department records is provided below in Section 3.4.

2.7 Previous Environmental Reports

No previous reports relative to subsurface environmental investigations at the subject site were reviewed as part of this Phase I ESA.

The "Reinspection and Reassessment" asbestos survey forms prepared for the Housatonic Elementary School in 1995 by Eco-Genesis indicate that areas of damaged or deteriorating asbestos containing materials were identified in the school building (see Appendix B). No further evaluation of these findings or the current condition of asbestos containing materials in the site building was performed under this Phase I ESA.



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SECTION 3

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 to determine the potential presence of environmental hazards at, or in close proximity to, the subject site. The database search was supplemented by an online file review using MADEP's Waste Site / Reportable Releases Look Up Website to confirm the database information and to review file data not otherwise available in the databases.

3.2 Database File Search

A Federal and state database search for the subject site and surrounding area was conducted using EDR's services and is included in the EDR Radius Map™ Report with GeoCheck® (Radius Map) 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. Those sites with adequate address information (geo-coded) are plotted on maps provided within the EDR report.

Sites 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 sites due to incomplete or inaccurate addresses. That list has been reviewed by Tighe & Bond and no sites were identified that would have a potential environmental impact on the subject site.

A summary of the Federal and state listings retrieved by the database search is provided at the beginning of the EDR report and in Table 3-1 below. All search distances, which are listed in the table, conform to the minimum requirements of the current ASTM and AAI site assessment standards.

TABLE 3-1
Database File Search Summary
207 Pleasant Street
Great Barrington, Massachusetts

Database Searched	Search Radius (mile)	Sites Listed
National Priority List	1.0	0
RCRA COR Facilities	1.0	0
LUST	0.5	1
RCRA NonGen	0.5	2
State Identified Hazardous Waste Sites	1.0	4
Federal CERCLIS List	0.5	0
State Listed Landfills and Solid Waste Facilities	0.5	0
RCRA TSD Facilities	0.5	0
RCRA Generators – Large and Small Quantity	0.25	0
State Registered UST/AST	0.25	1
Brownfields	0.5	0
Facility Index System (FINDS)	Target Property	1

3.2.1 Database Review

The subject site was identified in the FINDS database. No information was provided for this listing.

As shown above in Table 3-1 and as summarized on the Executive Summary of the EDR Radius Map Report in Appendix B, there are a limited number of listings (e.g., reported releases) for properties within one mile of the subject site. In our opinion, the listed sites from the database search are unlikely to have had an impact (if any) on environmental conditions beneath the subject site for one or more of the following reasons: the listed site release has been closed out; the severity of the release was limited; the distance to the subject site is relatively great; or the site is located hydraulically cross-gradient or downgradient relative to the subject site (i.e., in areas generally to the east of the subject site).

3.2.2 MADEP File Review

An online file review using MADEP's Waste Site / Reportable Releases Look Up Website was conducted on August 16, 2012 to identify any pertinent information for the subject site, to verify the relative locations of sites listed in the EDR Radius Map™ Report and to assess the potential impact to the subject site from documented releases on surrounding properties. There were no releases listings for the subject site or for the immediate surrounding properties in MADEP's on-line database.

3.3 Recorded Environmental Cleanup Liens & Activity and Use Limitations

Using EDR's services, EDR conducted an environmental liens search of the property title for the subject site. Searching records back to 1940, EDR was unable to locate any property deed or probate filed for the subject property. A copy of EDR's Environmental LienSearch Report is provided in Appendix C.

As mentioned above, MADEP has no records of the subject property being listed as a release site. Therefore, no Activity Use and Limitations have been recorded on the property to restrict site uses, etc. under the Massachusetts Contingency Plan, 310 CMR 40.0000.

3.4 Local File Review

As part of the local file review for environmental records or information regarding the subject site, Tighe & Bond contacted or visited the Great Barrington Assessor's office Health Department, Planning Department, Building Department, Fire Department and DPW.

[Note: An electronic data search of tax map information and building permit information were also conducted by EDR, but no information was collected as part of that search, as stated in the EDR reports provided in Appendix C.]

A summary of the municipal record findings is provided below.

3.4.1 Assessors

Site information from the Assessor's office was discussed in Sections 2.1 and 2.4 of this report, and property card information is included in Appendix D.

3.4.2 Health Department Records

In the Health Department records, there was an *Indoor Air Quality Reassessment* report (dated August 2002) prepared for the subject property by the Massachusetts Department of Public Health. In summary, that report concluded that there were several conditions that may adversely impact indoor air quality. As part of our Phase I ESA, no further evaluation of those findings is warranted. A copy of the report is included in Appendix D for reference.

3.4.3 Building Department Records

Building Department records indicate that the site building was constructed in approximately 1904, and that site building is connected to the municipal water and sewer, and contains two cast iron oil fired boilers. According to their records, the school closed in the mid-2000s, and there were several recent documents regarding the potential reuse the empty school building.

3.4.4 Department of Public Works

Mr. Sokul confirmed that the subject site is connected to municipal water and sewer service.

3.4.5 Fire Department

According to the Fire Department, one 10,000 gallon heating oil UST was removed from the property in August 2001, and one replacement heating oil UST (5,000 gallon capacity) was installed later that month. The Fire Department provided a copy of the removal application permit, which indicated that Miller's Petroleum Systems removed the 10,000 gallon UST from the site on August 15, 2001. The tank was disposed at Mass Tank Yard of Chicopee, Massachusetts. The Fire Department also provided a copy of a letter report prepared Maxymillian Technologies, Inc. (Maxymillian), which summarized their findings from soil sample collection upon removal of the tank. The letter report indicates that soil samples were collected from the sidewalls and base of the tank grave for field screening. Based on those screening results and on "observed site conditions," Maxymillian concluded that "no apparent release of #2 heating oil has occurred on-site." Copies of these Fire Department documents are provided in Appendix D for reference.

3.5 Environmental Permits

No environmental permits for the subject site were identified.

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SECTION 4

Section 4
Conclusions

Tighe & Bond has completed a Phase I investigation for the property located at 207 Pleasant Street, Village of Housatonic, in the Town of Great Barrington, Berkshire County, Massachusetts (the subject site). This Phase I investigation was performed for the Town of Great Barrington in accordance with our agreement dated August 10, 2012. The assessment was performed in compliance with the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries and the American Society for Testing Materials (ASTM) Standard E1527-05 for Phase I Environmental Site Assessments and Massachusetts General Laws (MGL) Chapter 21E.

4.1 Findings

The significant findings from our Phase I investigations are summarized as follows:

- The subject site consists of two parcels containing approximately 1.81 acres of land. The current owner of the parcels is the Town of Great Barrington.
- The western parcel is improved by a two-story site building constructed circa 1903. The eastern parcel is mostly fields and a playground.
- The site building was historically used as an elementary school through to its closing in the mid-2000s. The Bridge is currently using the first floor of the building for educational and administrative purposes. The remaining portions of the building are currently unused.
- One 10,000-gallon heat oil UST was removed from the site in August 2001, and was replaced by a 5,000-gallon UST. No evidence of a release was reported during the tank removal.
- During our site reconnaissance visit, no evidence of a release or threat of a release of OHM was observed. Floor drains present in the basement of the site building are reportedly connected to the Town's sewer system.
- The subject property is not a listed release site, and no Activity Use and Limitations have been recorded on the property. No property deed was located for records researched back to 1940 for any environmental liens placed on the school property.
- No previous environmental subsurface investigations for the site were reviewed. Previous assessment of asbestos containing materials and an indoor air sampling program were completed for the site building by other consultants. As part of our Phase I ESA, no further evaluation of those building conditions is warranted to meet AAI requirements.

4.2 Recommendations and Data Gaps

4.2.1 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 failure.

4.2.2 Recognized Environmental Conditions

No existing or potential RECs associated with current or past activities at the site were identified during this Phase I investigation.

4.2.3 Recommendations

Based on the findings stated herein, it is our opinion that no further environmental investigations are warranted at this time to determine whether a release or potential release of OHM to the environment has occurred at the site.

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SECTION 5

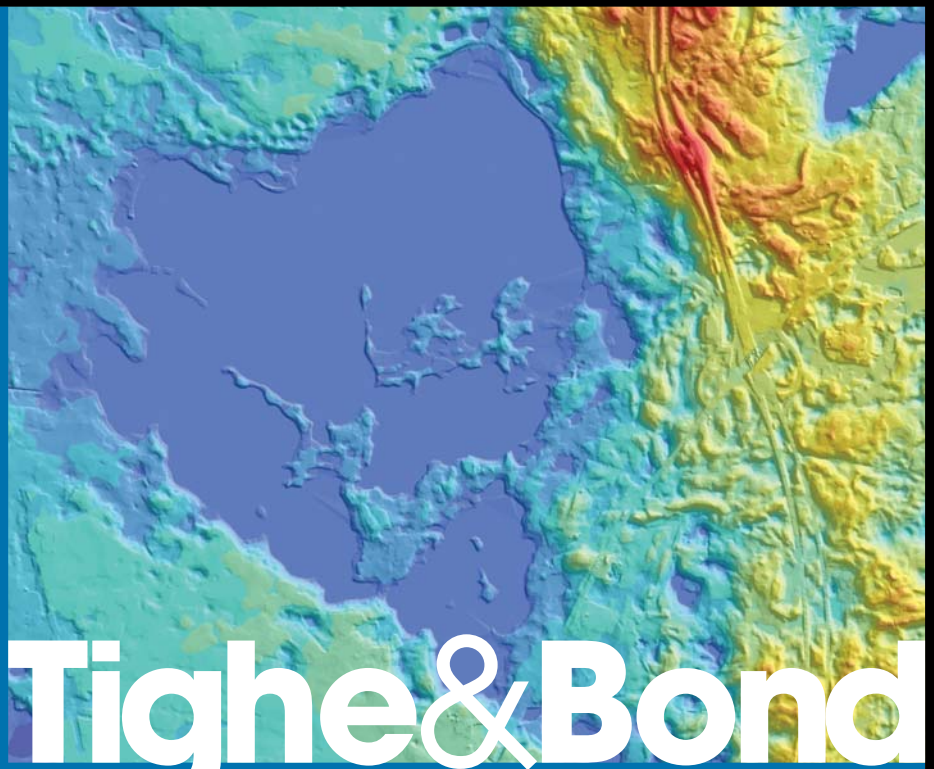
Section 5
EP Statement

I declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional, 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 property. I have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312.

The resume for the undersigned EP that conducted the assessment is included in Appendix G.

Todd D. Kirton, LSP
Senior Hydrogeologist
Tighe & Bond



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SECTION 6

Section 6
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Massachusetts GIS Mapping. GIS data valid as of August 2012.

Sokul, Joseph. Department of Public Works Superintendent. Interview and file review on August 28, 2012.

United States Geologic Survey, Historical Topographic Maps. 1890, 1897, 1900, 1948, 1959, 1973, 1987, and 1997. Provided by Environmental Data Resources, Inc.

United States Geologic Survey, Topographic Map for Stockbridge, MA Quadrangle. 1987.

United States Geologic Survey, *Geologic Map of Massachusetts* by E-an Zen (USGS, 1983.

Tighe&Bond

SECTION 7

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 Town of Great Barrington (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 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 entitites, and on information in the files of governmental agencies made available to Tighe & Bond at the time of the 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, authentication, 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 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 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 site, and Tighe & Bond assumes no responsibility for chemical constituents or parameters not analyzed.

If included, any database search is conducted under the Notice of Disclaimer/Waiver of Liability included in the database search report.

J:\G\G0581\Phase I Housatonic School\Report\Phase I ESA.doc

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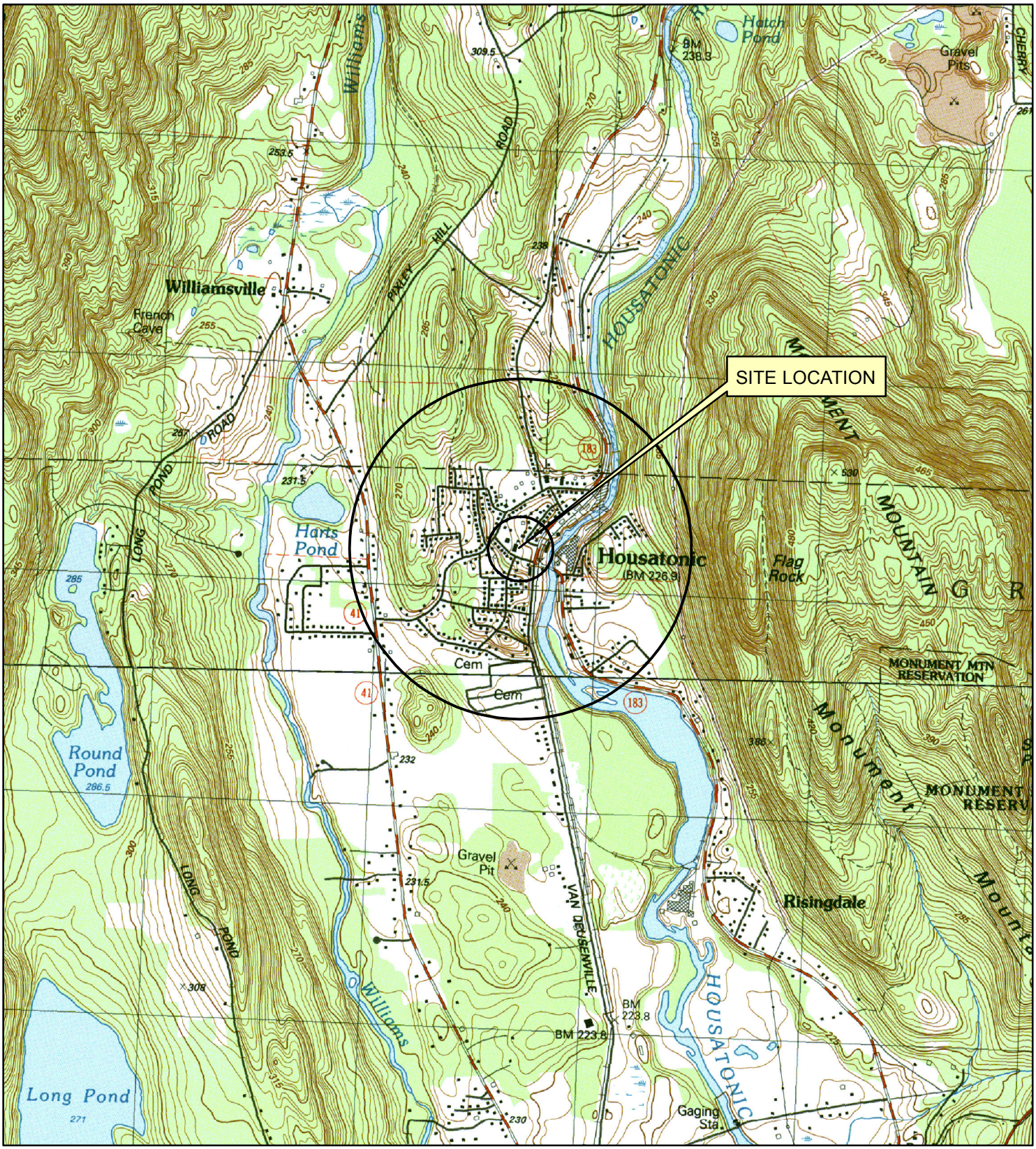
APPENDIX A



1:24,000

0 2,000

Feet

Based on USGS Topographic Map for Stockbridge, MA Quadrangle.
Revised 1987. 3-Meter Contour Interval.

Circles indicate 500-foot and half-mile radii

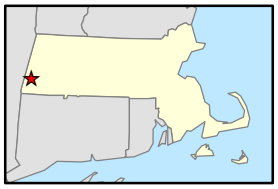
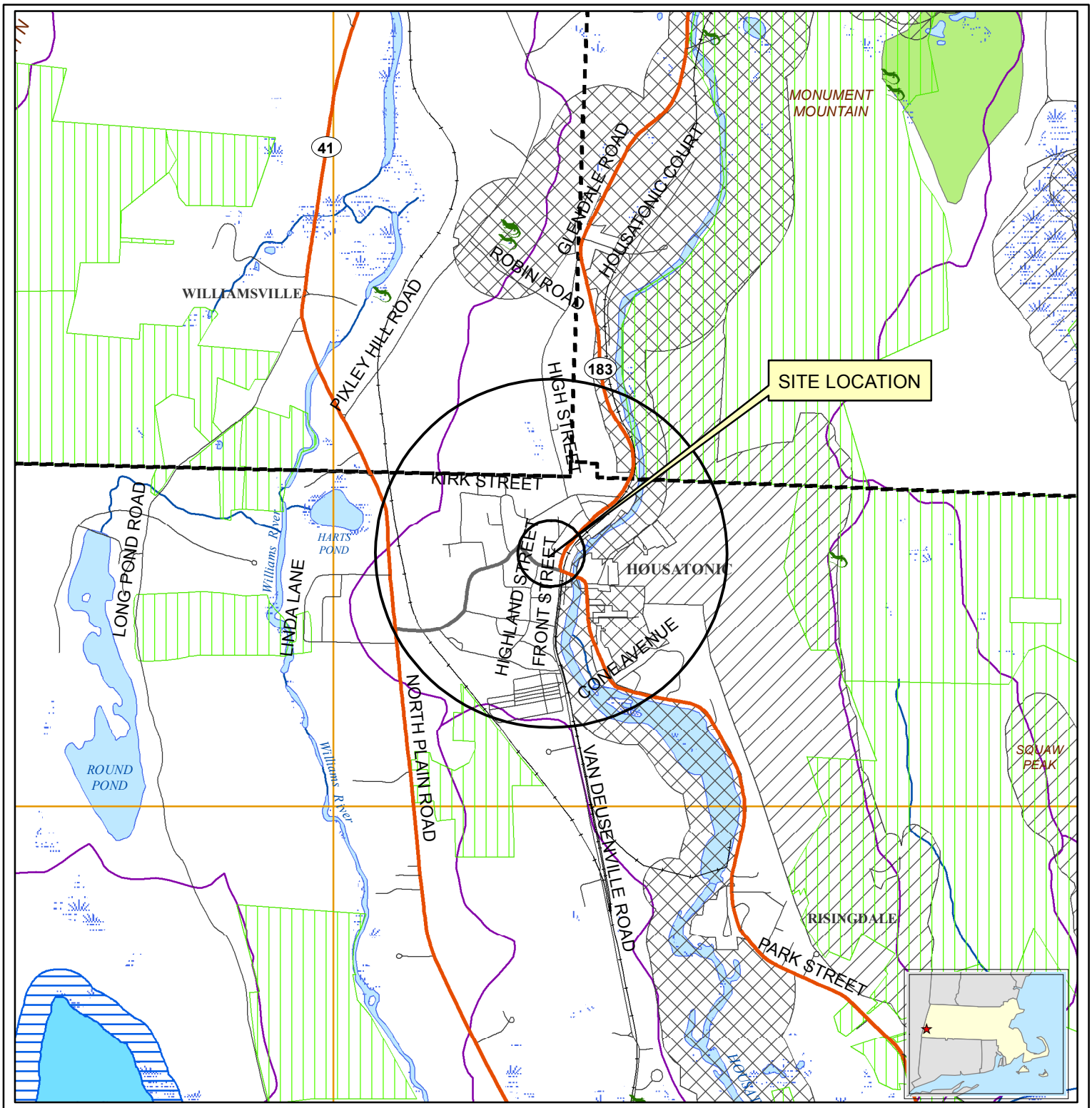


FIGURE 1
SITE LOCUS MAP

Former Housatonic School
207 Pleasant Street,
Village of Housatonic,
Great Barrington, Massachusetts

Tighe&Bond

August 2012



NHESP Certified Vernal Pools
Community Public Water Supply - Surface Water
Community Public Water Supply - Groundwater
Non-Community Non-Transient Public Water Supply
Non-Community Transient Public Water Supply
Non-Potential Drinking Water Source Area - High Yield
Non-Potential Drinking Water Source Area - Medium Yield
Potentially Productive Medium Yield Aquifer
Potentially Productive High Yield Aquifer
EPA Designated Sole Source Aquifer
DEP Approved Wellhead Protection Area (Zone II)
DEP Interim Wellhead Protection Area (IWPA)
NHESP Priority Habitats for Rare Species
NHESP Estimated Habitats for Rare Wildlife
Public Surface Water Supply Protection Area (Zone A)
Protected and Recreational Open Space
Area of Critical Environmental Concern (ACEC)
Solid Waste Landfill

Public Surface Water Supply (PSWS)
Fresh Water Non-Forested Wetland
Salt Water Wetland
Waterbodies
Major Drainage Basin
Sub Drainage Basin
Stream/Intermittent Stream
Limited Access Highway
Multi-Lane Highway, NOT Limited Access
Other Numbered Highway
Major Road - Collector
Minor Street or Road
Town Boundary
County Boundary
Quad Sheet Boundary
Track or Trail
Train
Powerline
Pipeline
Aquaduct

1:24,000
0 2,000
Feet

FIGURE 2
PRIORITY RESOURCE MAP

Former Housatonic School
207 Pleasant Street,
Village of Housatonic,
Great Barrington, Massachusetts

Tighe&Bond

August 2012

Data source: Office of Geographic and Environmental Information (MassGIS), Commonwealth of Massachusetts Executive Office of Environmental Affairs.
Data valid as of July 2012.
Circles indicate 500-foot and half mile radii.

Parcel Boundary

1:1,200

0 100

Feet

Based on MassGIS Color Orthophotography 30cm (April 2009)

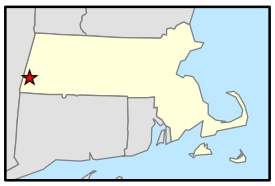


FIGURE 3
ORTHOPHOTOGRAPH

Former Housatonic School
207 Pleasant Street,
Village of Housatonic,
Great Barrington, Massachusetts

Tighe&Bond

August 2012

Tighe&Bond

APPENDIX B

General Notes:

1. This Plan of Land is intended solely to represent the boundary lines of the subject property.

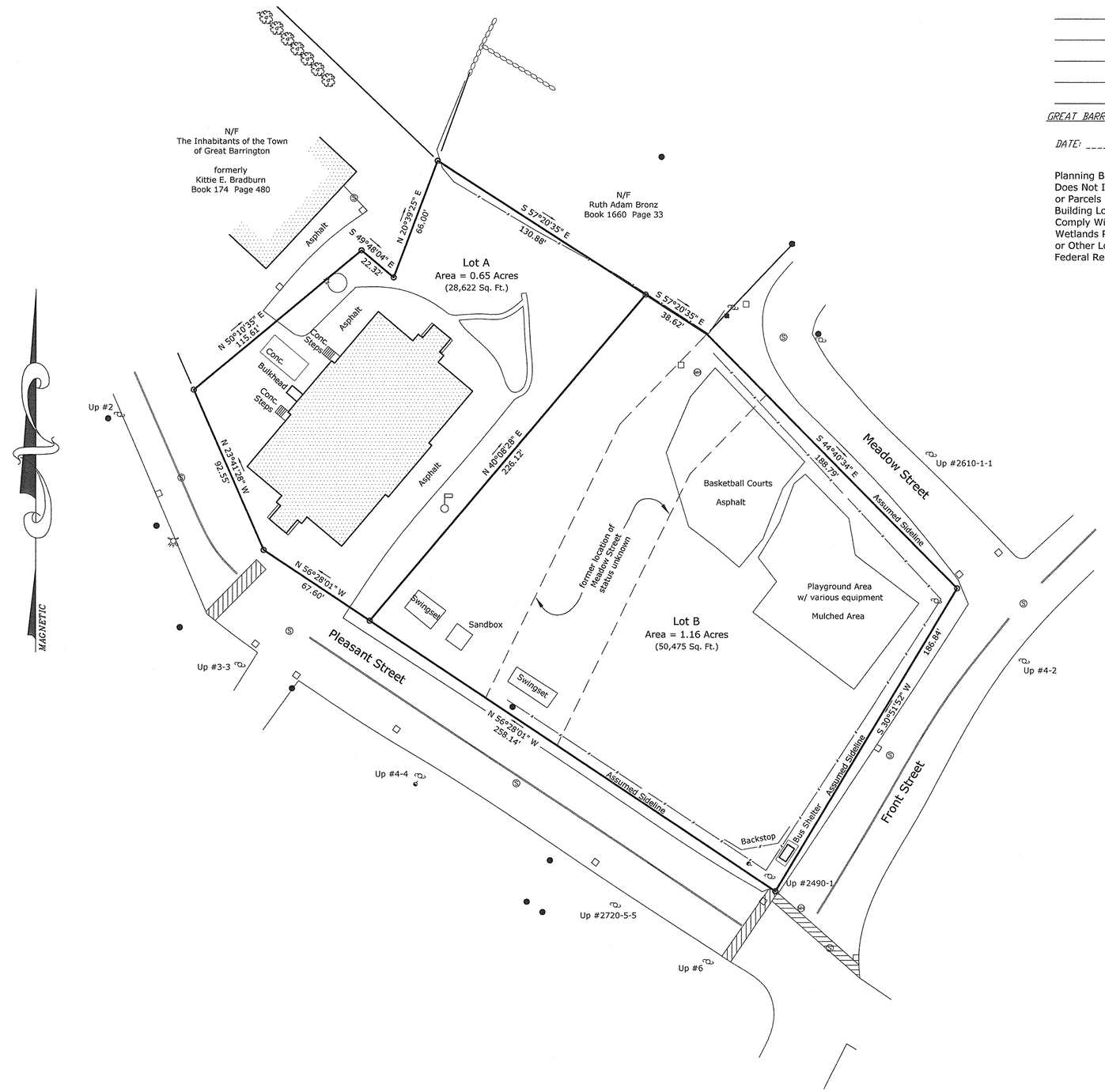
2. Unless otherwise noted hereon, this survey plan shall not be construed as depicting the presence, absence, or limits of any or all regulated wetlands or floodplains. Any surface water features shown, such as streams or ponds, are not represented as indicating limits of wetland resource areas.

3. No other permits, approvals, uses, site conditions or suitability are expressed or implied hereby, either directly or by omission.

4. All parcels are subject to and with the benefit of all rights, restrictions, conditions, easements, leases, encumbrances and appurtenances of record.

5. Endorsement does not imply compliance with Wetlands Protection Act or zoning.

6. Horizontal Datum is based upon Magnetic North, April 2008



Legend

- IRON PIPE FOUND
- BOUND FOUND
- IRON PIPE TO BE SET
- CATCH BASIN
- LAMP POST
- MANHOLE
- HYDRANT
- ANCHOR
- UTILITY POLE
- SEWER MANHOLE
- FLAGPOLE

UP = UTILITY POLE

- EXISTING BUILDING
- CROSSWALK
- EDGE OF ASPHALT
- DOUBLE YELLOW LINE
- STONEWALL
- FENCE
- PROPERTY LINE

APPROVAL NOT REQUIRED UNDER SUBDIVISION CONTROL LAW

GREAT BARRINGTON PLANNING BOARD

DATE: _____

Planning Board Endorsement Does Not Imply That The Lots or Parcels Shown Hereon Are Building Lots, Nor That They Comply With Zoning Bylaws, Wetlands Regulations, Title 5, or Other Local, State or Federal Regulations.

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS.

_____

DATE: _____

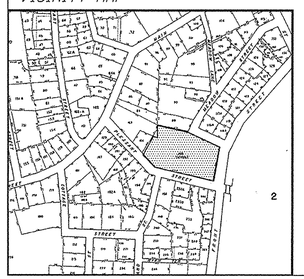
COMMONWEALTH OF MASSACHUSETTS
JOHN MAURICE CAMPETTI
No. 31303
REGISTERED PROFESSIONAL LAND SURVEYOR

RECORD OWNER

INHABITANTS OF THE TOWN OF GREAT BARRINGTON

BOOK 101	PAGE 496
BOOK 133	PAGE 413
BOOK 155	PAGE 445
BOOK 193	PAGE 354
BOOK 194	PAGE 378
BOOK 200	PAGE 29

VICINITY MAP



GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

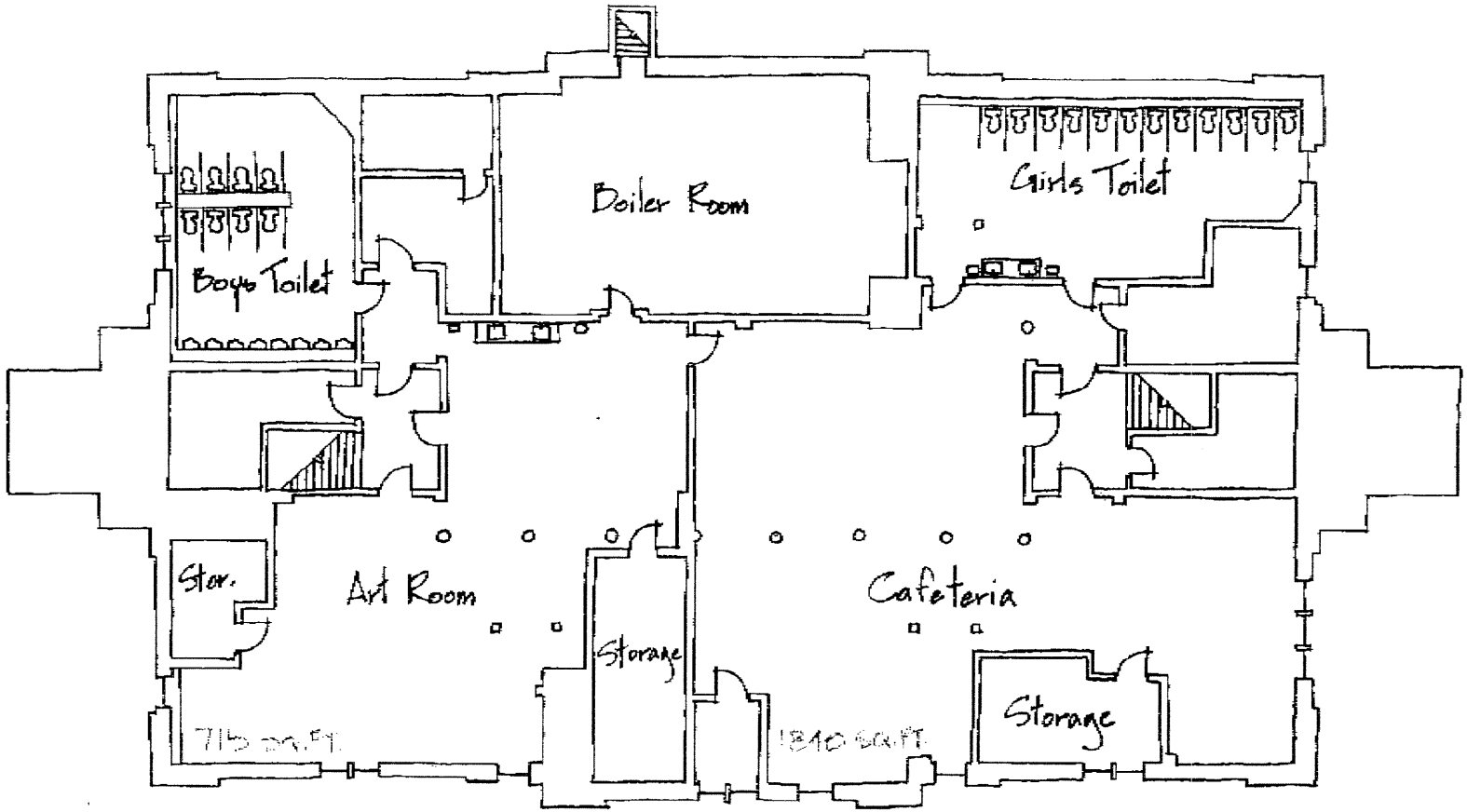
MARK	DATE	REVISION	BY	AP'VD

Map Showing Division of
Housatonic School Lot
Pleasant Street
Great Barrington, MA
Village of Housatonic

PREPARED BY:

FORESIGHT LAND SERVICES — ENGINEERING SURVEYING PLANNING
Division of Brown Associates, Inc.
Foresight Building • Pittsfield, MA 01201 • Tel (413) 499-1560

SCALE:	1" = 30'	DWN. BY: MTT	CHK. BY: JMC
DATE:	May 12, 2008	DWG. NO.	S2364W01
JOB NO.	S2364	TAB:	W01



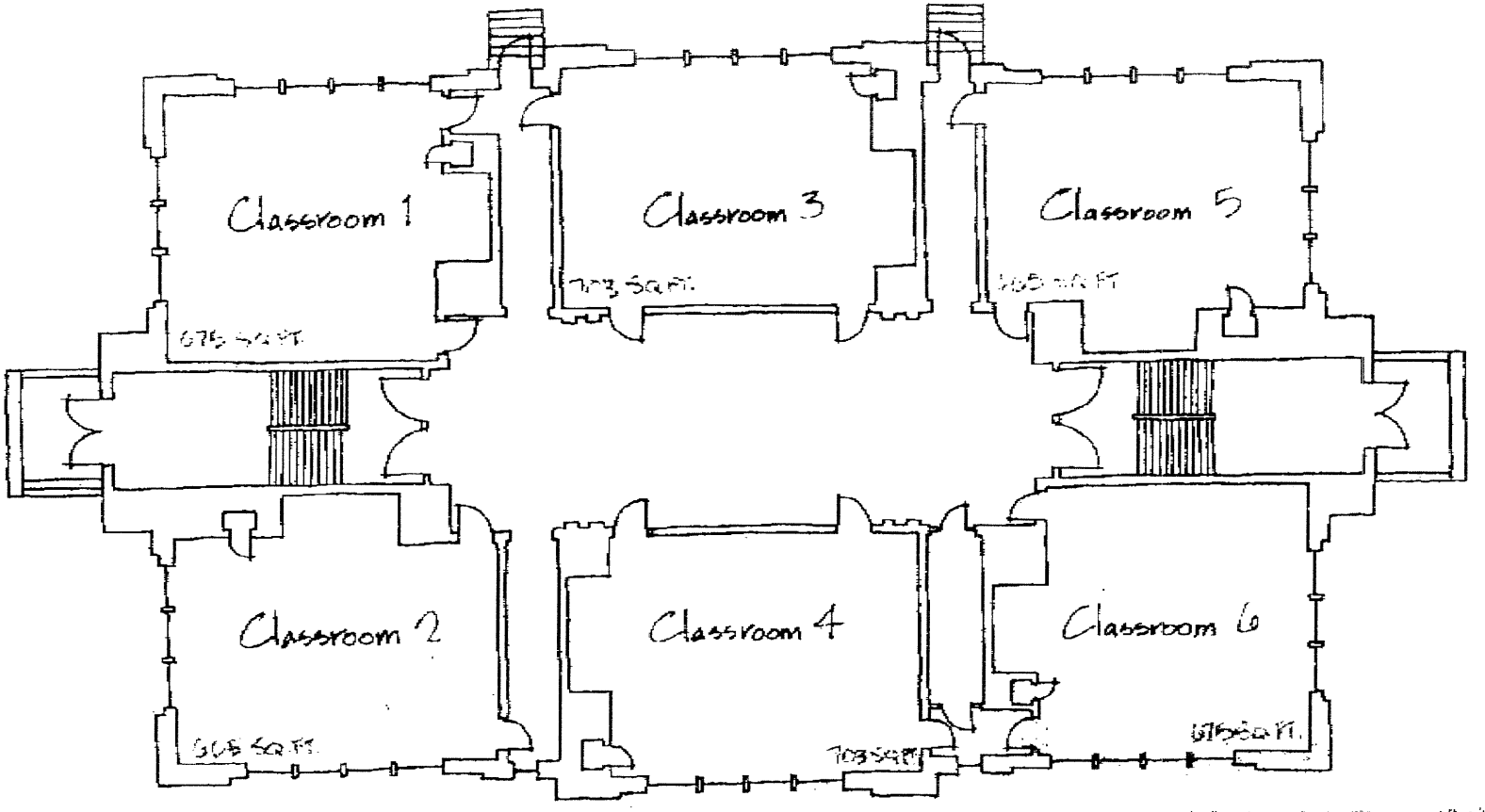
Housatonic School Basement Level

Gross Floor Area: 7130 Sq. Ft.

0' 10' 20' North

THE GILLEN PARTNERSHIP

PERI. 550 FT.



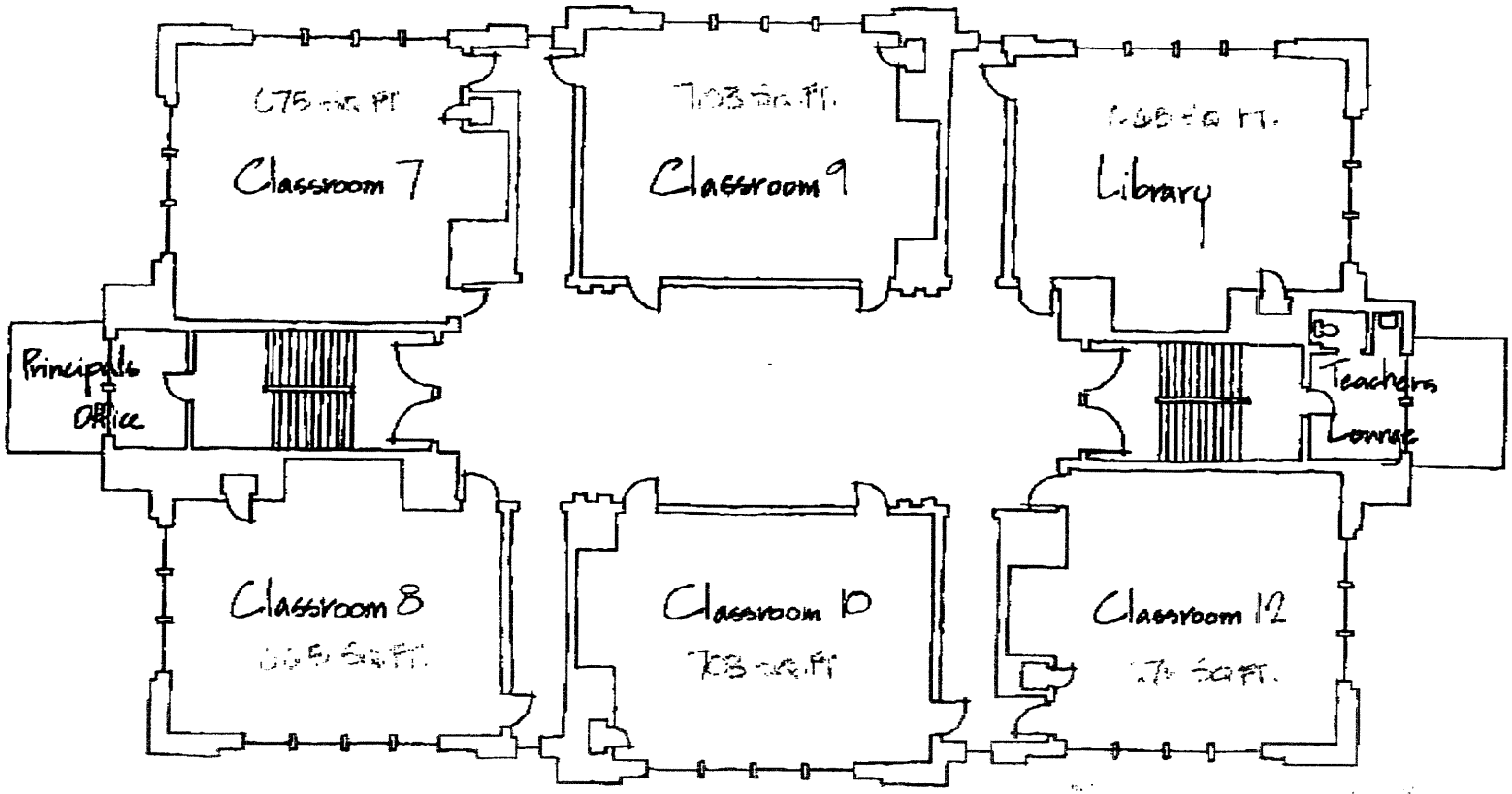
Housatonic School 1st Floor

Gross Floor Area: 7275 sq. ft.

0' 10' 20' North

THE GILLEN PARTNERSHI

36 SOUTH PROSPECT STREET • AMHERST, MASSACHUSETTS



Housatonic School 2nd Floor

Gross Floor Area: 72756 sq. Ft.

0' 10' 20'

North

THE GILLEN PARTNERSHIP

Eco-Genesis Corp.

Environmental Services & Consultation

Reinspection and Reassessment

Building and Address: Housatonic Elementary School
Pleasant Street, Housatonic, MA

Location in Building: Boiler Room

Type of Material: Cement Scratch Coat (Surfacing ACM)

Estimated Quantity (lin ft, sq ft): 1000

Noted Changes in Material's Condition: None

Has the Material Become Friable? No

Suspected Cause: Deterioration

Comments: The cement scratch coat is in fair condition and has an overall state of deterioration.

AC = 5

RA = 2

Accredited Inspector: Myron Ritrosky, Jr. Date: 6/25/92

Signature: Myron Ritrosky Jr. Accreditation State: MA & Number: MP01004

Date of Next Reinspection: 6/95

180-I Elm Street - #201 Pittsfield, Massachusetts 01201 (413) 445-7756
417 Springfield Street - #144 Agawam, Massachusetts 01001 (413) 789-1924

Eco-Genesis Corp.

Environmental Services & Consultation

Reinspection and Reassessment

Building and Address: Housatonic Elementary School
Pleasant Street, Housatonic, MA

Location in Building: Throughout

Type of Material: Floortiles (Miscellaneous ACM)

Estimated Quantity (lin ft, sq ft): 8000

Noted Changes in Material's Condition: Areas of damage and deterioration.

Has the Material Become Friable? No

Suspected Cause: Severe Wear, Aging, Water Damage

Comments: Many areas throughout the building are carpeted. Floortiles are believed to be under most of the carpeting. Cracking and buckling due to severe wear were observed on the landing outside the library (basement), both hallways leading to the exits on the west wall (first floor). Deterioration was observed around the sink on the first floor center hallway and in the south end doorway to the center hallway, first floor. Water damage was observed around the sink in the center hallway on the second floor.

AC = 5
RA = 2

Accredited Inspector: Myron Ritrosky, Jr. Date: 6/25/92

Signature: Myron Ritrosky, Jr. Accreditation State: MA & Number: MP01004

Date of Next Reinspection: 6/95

180-I Elm Street - #201 Pittsfield, Massachusetts 01201 (413) 445-7756
417 Springfield Street - #144 Agawam, Massachusetts 01001 (413) 789-1924

Eco-Genesis Corp.

Environmental Services & Consultation

Reinspection and Reassessment

Building and Address: Housatonic Elementary School
Pleasant Street, Housatonic, MA

Location in Building: Boiler Room

Type of Material: Pipe Insulation (TSI ACM)

Estimated Quantity (lin ft, sq ft): 1

Noted Changes in Material's Condition: None

Has the Material Become Friable? No

Suspected Cause: N/A

Comments: The remnants of the pipe insulation are still in place and are in good condition. ACM debris was observed under a fitting in the north end heater room off of the slop sink room.

AC = 5

RA = 3

Accredited Inspector: Myron Ritrosky, Jr. Date: 6/25/92

Signature: Myron Ritrosky, Jr. Accreditation State: MA & Number: MP01004

Date of Next Reinspection: 6/95

180-I Elm Street - #201 Pittsfield, Massachusetts 01201 (413) 445-7756
417 Springfield Street - #144 Agawam, Massachusetts 01001 (413) 789-1924

Eco-Genesis Corp.

Environmental Services & Consultation

Reinspection and Reassessment

Building and Address: Housatonic Elementary School
Pleasant Street, Housatonic, MA

Location in Building: Storage Under South End Stairs, Basement

Type of Material: Transite

Estimated Quantity (lin ft, sq ft): 65

Noted Changes in Material's Condition: Damage

Has the Material Become Friable? No

Suspected Cause: Physical Contact

Comments: Areas of damage were observed at the time of the reinspection. Debris was also observed in and around the storage area. Storage practices should be changed to avoid further disturbance. The transite was not previously identified.

AC = 5
RA = 2

Accredited Inspector: Myron Ritrosky, Jr. Date: 6/25/92

Signature: Myron Ritrosky, Jr. Accreditation State: MA & Number: MP01004

Date of Next Reinspection: 6/95

180-I Elm Street - #201 Pittsfield, Massachusetts 01201 (413) 445-7756
417 Springfield Street - #144 Agawam, Massachusetts 01001 (413) 789-1924

AHERA REINSPECTION

School Stockbridge Plains Building Elementary School Date(s) of Original AHERA Inspection 6/95

REINSPECTION FINDINGS FOR ACBM						MANAGEMENT PLANNER RECOMMENDATIONS		
Locations(s) of ACBM by assessment category	Quantity	Friability	Assessment category (1-7,X)	Justification of assessment category	Change in assess-ment	Preventive measures, response actions, and initial/additional cleanings	Schedule	
							Begin	Complete
Duct insulation Boiler room	400 ft/2	F	1	Damaged TSI Duct	Yes	Repair approx. 6 ft^2	11-1-99	9-1-00
TSI Pipe Insulation Throughout	1480 ft/2	F	6	Potential for Damage	Yes	Operations & Maintenance Plan	11-1-99	——
Ceiling Tile Glue Daubs Throughout	20,000 ft/2	NF	6	Potential for Damage	NO	Operations & Maintenance Plan	11-1-99	——
Floor Tiles Throughout	4,800 ft/2	NF	6	Potential for Damage	No	Operations & Maintenance Plan	11-1-99	——
Ceiling Plaster Boiler Room	1200 ft/2	F	6	Potential for Damage	No	Operations & Maintenance Plan	11-1-99	——
TSI Pipe Fitting insulation Kitchen & storage rooms	20 ea	F	6	Potential For Damage	No	Operations & Maintenance Plan	11-1-99	——

Were additional samples of this ACBM collected? No

Inspector name Robert F. Kirchherr

Inspector signature Robert Kell

Accreditation #/State AI70443 MA

Expiration Date 7/5/00

Date of management planner review: 11-1-99

Management planner name Robert F. Kirchherr

Management planner signature Robert Kell

Accreditation #/State AP71136 MA

Expiration Date 7/5/00

I, the LEA's Designated Person, have read and understand the recommendations made above: _____ Date _____

PARCEL ID: 113/001.0-0000-0164.0 MAP 001.0 BLOCK 0000 LOT 0164.0 PARCEL ADDRESS: 0 PLEASANT ST NOR as of. 10/9/2009

PARCEL INFORMATION

Owner#1: TOWN OF GREAT BARRINGTON
Owner#2:
Address#1: 334 MAIN ST RM 208
Address#2:
GT BARRINGTON MA 01230-1832

Use-Code:	930	Sale Price:	0	Book:	99999
Tax Class:	E	Sale Date:		Page:	9999
Tot Fin Area:	0	Sale Type:	L	Cert/Doc:	
Tot Land Area:	0.2	Sale Valid:	E		
		Grantor:			
Inspect Date:		Road Type:	T	Exempt-B/L%:	/
Meas Date:		Rd Condition:	P	Resid-B/L%:	/
Entrance:		Traffic:	M	Comm-B/L%:	/
Collect ID:		Water:		Indust-B/L%:	/
Inspect Reas:		Sewer:		Open Sp-B/L%:	/

COMMERCIAL SECTIONS/GROUPS

Section:	Section:	Section:	Section:
ID Use-Code	ID Use-Code	ID Use-Code	ID Use-Code
Category:	Category:	Category:	Category:
Grnd-Fl-Area:	Grnd-Fl-Area:	Grnd-Fl-Area:	Grnd-Fl-Area:
Story Height:	Story Height:	Story Height:	Story Height:
Bldg-Class:	Bldg-Class:	Bldg-Class:	Bldg-Class:
Yr-Built:	Yr-Built:	Yr-Built:	Yr-Built:
Eff-Yr-Built:	Eff-Yr-Built:	Eff-Yr-Built:	Eff-Yr-Built:
Cost Bldg:	Cost Bldg:	Cost Bldg:	Cost Bldg:
Id Cd B-FL-A Flrs Unt	Id Cd B-FL-A Flrs Unt	Id Cd B-FL-A Flrs Unt	Id Cd B-FL-A Flrs Unt

LAND INFORMATION

NBHD CODE: 300 NBHD CLASS: ZONE: R3

Seg	Type	Code	Method	Sq-Ft	Acres	Influ-1/2/3	Value	Class
1	P	903	A		0.2	N	79107	

DETACHED STRUCTURE INFORMATION

Str	Unit	Msr-1	Msr-2	E-YR-Blt	Grade	Cond	%Good	P/F/E/R	Cost	Class

VALUATION INFORMATION

Current Total:	79100	Bldg:	0	Land:	79100	MktLnd.	79100
Prior Tot:	79100	Bldg:	0	Land:	79100	MktLnd:	79100

SKETCH

PHOTO

Tighe&Bond

APPENDIX C

Former Housatonic School Building
207 Pleasant Street
Great Barrington, MA 01230

Inquiry Number: 03387129.2r
August 14, 2012

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Detail Map	3
Map Findings Summary	4
Map Findings	7
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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-14
Physical Setting Source Map Findings	A-16
Physical Setting Source Records Searched	A-23

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 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

207 PLEASANT STREET
GREAT BARRINGTON, MA 01230

COORDINATES

Latitude (North):	42.2553000 - 42˚ 15' 19.08''
Longitude (West):	73.3674000 - 73˚ 22' 2.64''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	634671.8
UTM Y (Meters):	4679199.0
Elevation:	752 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	42073-C3 STOCKBRIDGE, MA
Most Recent Revision:	1997
South Map:	42073-B3 GREAT BARRINGTON, MA
Most Recent Revision:	1997
Southwest Map:	42073-B4 EGREMONT, MA NY
Most Recent Revision:	1997
West Map:	42073-C4 STATE LINE, MA NY
Most Recent Revision:	1997

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2009, 2010
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
HOUSATONIC GRAMMAR PLEASANT - P.O.BOX 596 HOUSATONIC, MA 01236	FINDS	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators
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

Federal ERNS list

ERNS ..... Emergency Response Notification System

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

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

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LAST ..... Leaking Aboveground Storage Tank Sites
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST ..... Aboveground Storage Tank Database
INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

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

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

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
LUCIS ..... Land Use Control Information System
LIENS ..... Liens Information Listing

Records of Emergency Release Reports

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

Other Ascertainable Records

RCRA-NonGen ..... RCRA - Non Generators
DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites

EXECUTIVE SUMMARY

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
NPDES	NPDES Permit Listing
DRYCLEANERS	Regulated Drycleaning Facilities
ENF	Enforcement Action Cases
AIRS	Permitted Facilities Listing
LEAD	Lead Inspection Database
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
GWDP	Ground Water Discharge Permits
US FIN ASSUR	Financial Assurance Information
FINANCIAL ASSURANCE	Financial Assurance Information Listing
COAL ASH DOE	Sleam-Electric Plan Operation Data
EPA WATCH LIST	EPA WATCH LIST
PRP	Potentially Responsible Parties
2020 COR ACTION	2020 Corrective Action Program List

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants

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

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 07/13/2012 has revealed that there are 4 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GENNARI RESIDENCE	***1047 MAIN ST***	***WSW 1/8 - 1/4 (0.131 mi.)***	***2***	***7***
Compliance Status: Release Action Outcome				

Lower Elevation	Address	Direction / Distance	Map ID	Page
FUEL OIL STORAGE TANK	***295 PARK ST***	***SSE 1/2 - 1 (0.974 mi.)***	***B6***	***18***
Compliance Status: Release Action Outcome				
FOX RIVER PAPER COMPANY RISING	***295 PARK ST***	***SSE 1/2 - 1 (0.974 mi.)***	***B7***	***21***
Compliance Status: Release Action Outcome				
HAZEN PAPER CO	***295 PARK ST***	***SSE 1/2 - 1 (0.974 mi.)***	***B8***	***23***
Compliance Status: Release Action Outcome				
Compliance Status: Release Action Outcome				

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 07/13/2012 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NO LOCATION AID	***174 FRONT ST***	***NE 1/8 - 1/4 (0.227 mi.)***	***A4***	***14***
Facility Status: Response Action Outcome				

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 04/20/2012 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JOHNNY'S GARAGE	***163 FRONT ST***	***NE 1/8 - 1/4 (0.227 mi.)***	***A3***	***11***

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

RELEASE: MA Release Tracking Database.

A review of the RELEASE list, as provided by EDR, and dated 07/13/2012 has revealed that there are 5 RELEASE sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GENNARI RESIDENCE	***1047 MAIN ST***	***WSW 1/8 - 1/4 (0.131 mi.)***	***2***	***7***
Facility Status: Response Action Outcome				

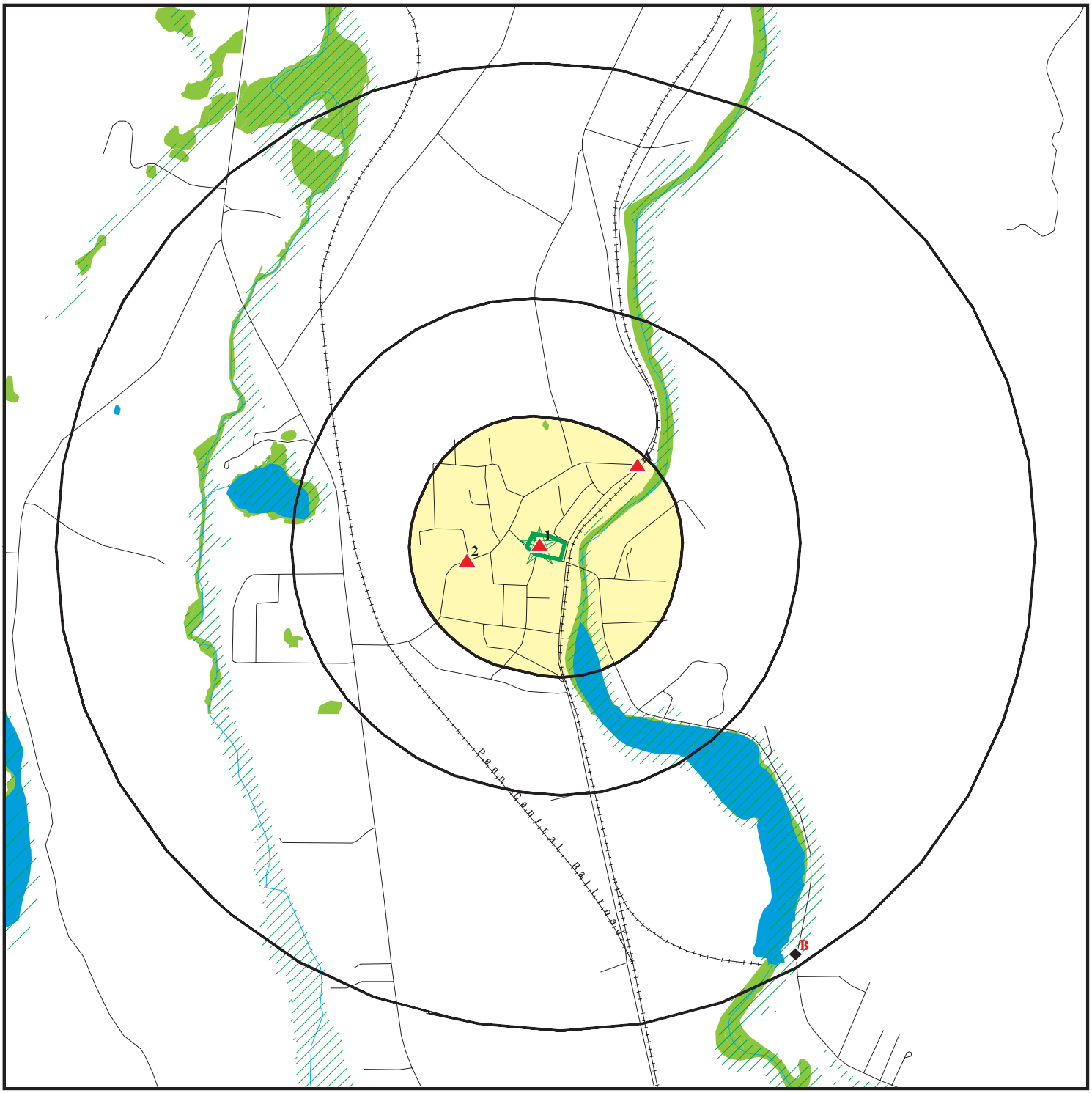
Lower Elevation	Address	Direction / Distance	Map ID	Page
NO LOCATION AID	***174 FRONT ST***	***NE 1/8 - 1/4 (0.227 mi.)***	***A4***	***14***
Facility Status: Response Action Outcome				
FUEL OIL STORAGE TANK	***295 PARK ST***	***SSE 1/2 - 1 (0.974 mi.)***	***B6***	***18***
Facility Status: Response Action Outcome				
FOX RIVER PAPER COMPANY RISING	***295 PARK ST***	***SSE 1/2 - 1 (0.974 mi.)***	***B7***	***21***
Facility Status: Response Action Outcome				
HAZEN PAPER CO	***295 PARK ST***	***SSE 1/2 - 1 (0.974 mi.)***	***B8***	***23***
Facility Status: Response Action Outcome				
Facility Status: Response Action Outcome				

EXECUTIVE SUMMARY

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

Site Name	Database(s)
EAGLETON SCHOOL	FTTS,HIST FTTS INSP,FINDS
SOUTH OF MONUMENT MT.	HWS,RELEASE
ADAMS BUDZ POST	HWS,RELEASE
LARKIN AUTO & TRUCK REPAIR	FINDS,MANIFEST,RCRA-NLR
JOHNS GARAGE MOBIL	FINDS,MANIFEST,MANIFEST,RCRA-NLR
PETES FIX-IT SHOP	FINDS,RCRA-NLR,MANIFEST
BERKSHIRE COUNTY TRANS & RPR	FINDS,MANIFEST,RCRA-CESQG
J D AUTOMOTIVE	FINDS,RCRA-CESQG,MANIFEST
BERKSHIRE AVIATION ENT INC	FINDS,MANIFEST,MANIFEST,RCRA-CESQG
RIVERBROOK SCHOOL	FINDS
E. OF BRIDGE AT HOUSATONIC RIV	MA SPILLS
COOKS GARAGE	MANIFEST
SEWARDS TIRE	MANIFEST
BERK COUNTY TRAN & REPAIR	MANIFEST
LARKINS AUTO REPAIR	MANIFEST
PETES FIX-IT SHOP	MANIFEST
BERTELLIS AUTO BODY	MANIFEST
BERKSHIRE AVIATION	MANIFEST
BERKSHIRE AVIATION ENTERPRISES	MANIFEST
BERKSHIRE AVIATION	MANIFEST

OVERVIEW MAP - 03387129.2r



- 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

0 1/4 1/2 1 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: Former Housatonic School Building ADDRESS: 207 Pleasant Street Great Barrington MA 01230 LAT/LONG: 42.2553 / 73.3674	CLIENT: Tighe & Bond CONTACT: Jesse Regnier INQUIRY #: 03387129.2r DATE: August 14, 2012 12:20 pm

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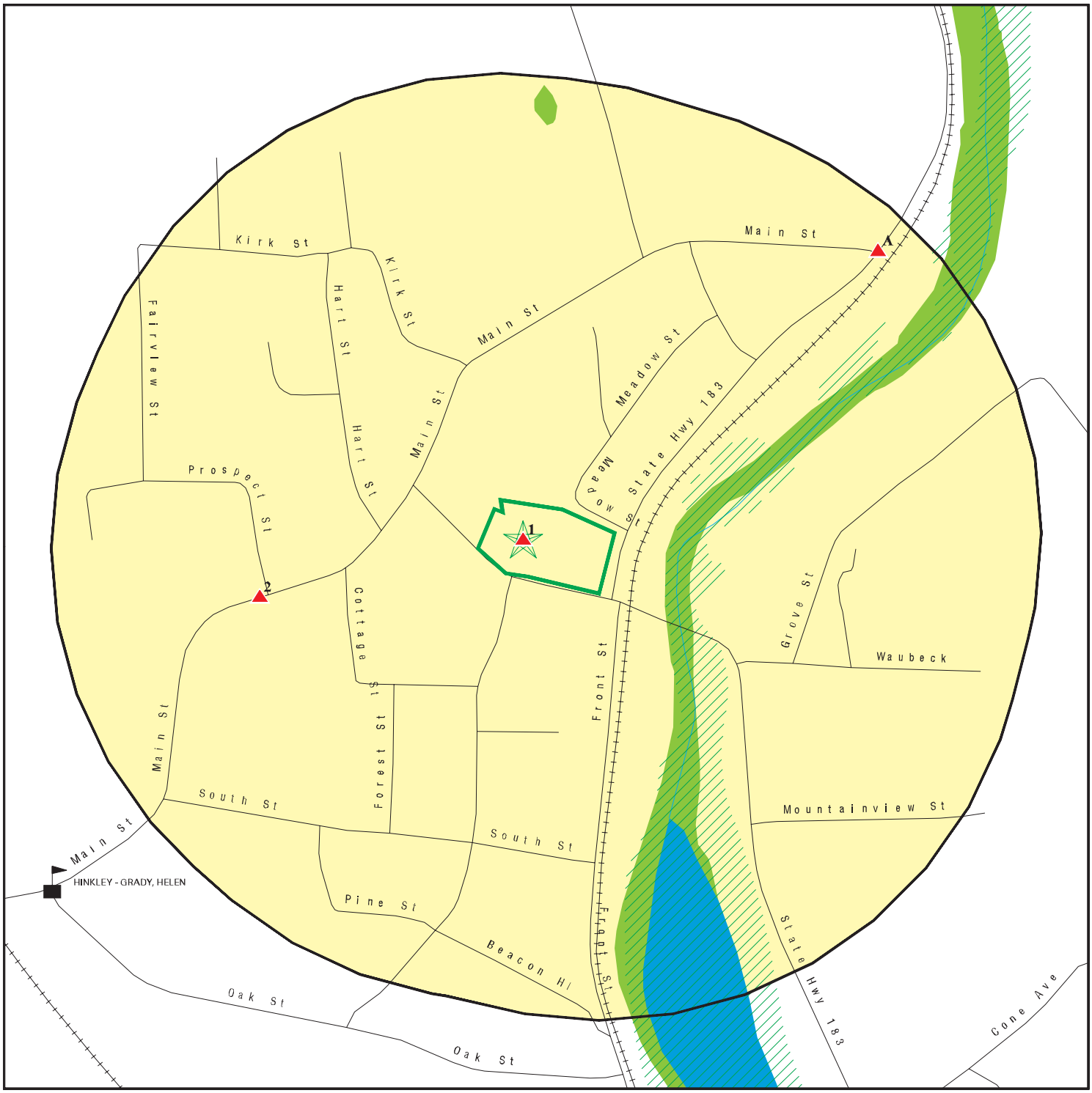
DETAIL MAP - 03387129.2r



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- Areas of Critical Environmental Concern

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

SITE NAME: Former Housatonic School Building	CLIENT: Tighe & Bond
ADDRESS: 207 Pleasant Street Great Barrington MA 01230	CONTACT: Jesse Regnier INQUIRY #: 03387129.2r
LAT/LONG: 42.2553 / 73.3674	DATE: August 14, 2012 12:21 pm

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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								
Federal NPL site list								
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
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	1	0	3	NR	4
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	1	0	NR	NR	1
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	1	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
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
LUCIS	0.500		0	0	0	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
RELEASE	1.000		0	2	0	3	NR	5
Other Ascertainable Records								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
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
MINES	0.250		0	0	NR	NR	NR	0
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

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
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	1	NR	NR	NR	NR	NR	1
RAATS	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
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
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
GWDP	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
Target
Property

HOUSATONIC GRAMMAR
PLEASANT - P.O.BOX 596
HOUSATONIC, MA 01236

FINDS **1008312395**
N/A

FINDS:

Actual:
752 ft.

Registry ID: 110022003348

Environmental Interest/Information System
US Geographic Names Information System (GNIS) is the official vehicle for geographic names used by the federal government and the source for applying geographic names to federal maps and other printed and electronic documents.

2
WSW
1/8-1/4
0.131 mi.
690 ft.

GENNARI RESIDENCE
1047 MAIN ST
GREAT BARRINGTON, MA 01230

SHWS **S105735863**
RELEASE **N/A**
LEAD

Relative:
Higher

Actual:
802 ft.

SHWS:

Facility ID:	1-0014697
Release Town:	GREAT BARRINGTON
Notification Date:	01/06/2003
Category:	TWO HR
Associated ID:	Not reported
Current Status:	**Response Action Outcome**
Status Date:	01/30/2003
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

Chemical:

Chemical:	#2 FUEL OIL
Quantity:	60 gallons

Location:

Location Type:	RESIDNTIAL

Source:

Source Type:	Not reported

Action:

Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Stat:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	1/14/2003
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 Stat:	FLDD1A
Action Date:	1/6/2003
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 Stat:	Level I - Technical Screen Audit
Action Date:	3/20/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

GENNARI RESIDENCE (Continued) **S105735863**

Action Type: Release Disposition
Action Stat: Reportable Release under MGL 21E
Action Date: 1/6/2003
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 Stat: Oral Approval of Plan or Action
Action Date: 1/6/2003
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 Stat: FOLOFF
Action Date: 1/9/2003
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 Stat: RAO Statement Received
Action Date: 1/30/2003
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 Stat: Reportable Release under MGL 21E
Action Date: 1/27/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:
Facility ID: 1-0014697
Primary ID: Not reported
Official City: GREAT BARRINGTON
Notification: 01/06/2003
Category: TWO HR
Current Status: Response Action Outcome
Status Date: 01/30/2003
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

Action:
Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Stat: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 1/14/2003
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 Stat: FLDD1A
Action Date: 1/6/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

GENNARI RESIDENCE (Continued) **S105735863**

Action Type: Response Action Outcome - RAO
Action Stat: Level I - Technical Screen Audit
Action Date: 3/20/2003
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 Stat: Reportable Release under MGL 21E
Action Date: 1/6/2003
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 Stat: Oral Approval of Plan or Action
Action Date: 1/6/2003
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 Stat: FOLOFF
Action Date: 1/9/2003
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 Stat: RAO Statement Received
Action Date: 1/30/2003
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 Stat: Reportable Release under MGL 21E
Action Date: 1/27/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemical:
Chemical: #2 FUEL OIL
Quantity: 60 gallons

Location:
Location Type: RESIDNTIAL

Source:
Source Type: Not reported

LEAD:
Community: Great Barrington
Unit: Not reported
Inspector Name: Not reported
Inspector License Number: Not reported
Activity Type: INSPECT
Activity Date: 03/10/1995
Start Work Date: Not reported
Activity Descriptions: Comprehensive Initial Inspection
Outcomes: Completed - Contact CLPPP for more information

GENNARI RESIDENCE (Continued) **S105735863**

Community: Great Barrington
Unit: Not reported
Inspector Name: Not reported
Inspector License Number: Not reported
Activity Type: INSPECT
Activity Date: 06/05/1995
Start Work Date: Not reported
Activity Descriptions: Reinspection
Outcomes: Completed - Contact CLPPP for more information

Community: Great Barrington
Unit: Not reported
Inspector Name: Not reported
Inspector License Number: Not reported
Activity Type: INSPECT
Activity Date: 06/05/1995
Start Work Date: Not reported
Activity Descriptions: Reoccupancy Reinspection
Outcomes: Issued

Community: Great Barrington
Unit: Not reported
Inspector Name: Not reported
Inspector License Number: Not reported
Activity Type: INSPECT
Activity Date: 06/08/1995
Start Work Date: Not reported
Activity Descriptions: Reinspection
Outcomes: Completed - Contact CLPPP for more information

Community: Great Barrington
Unit: Not reported
Inspector Name: Not reported
Inspector License Number: Not reported
Activity Type: INSPECT
Activity Date: 08/08/1995
Start Work Date: Not reported
Activity Descriptions: Reinspection
Outcomes: Completed - Contact CLPPP for more information

Community: Great Barrington
Unit: Not reported
Inspector Name: Not reported
Inspector License Number: Not reported
Activity Type: INSPECT
Activity Date: 04/14/1998
Start Work Date: Not reported
Activity Descriptions: Reinspection
Outcomes: Completed - Contact CLPPP for more information

Community: Housatonic
Unit: Not reported
Inspector Name: Sharon Gilbert
Inspector License Number: 1315
Activity Type: INSPECT
Activity Date: 03/10/1995
Start Work Date: 05/30/1995

GENNARI RESIDENCE (Continued) **S105735863**

Activity Descriptions: Comprehensive Initial Inspection
Outcomes: Completed - Contact CLPPP for more information

A3
NE
1/8-1/4
0.227 mi.
1197 ft.

JOHNNY'S GARAGE
163 FRONT ST
HOUSATONIC, MA 01236

UST **U003531282**
FINANCIAL ASSURANCE **N/A**

Site 1 of 3 in cluster A

Relative:
Higher

Actual:
752 ft.

UST:
Facility ID: 2060

Facility:
Owner Id: 9893
Owner: REGINA W PEGORARI
Owner Address: PO BOX 512
Owner City,St,Zip: HOUSATONIC, MA 01236
Telephone: (413) 274-3328
Description: Gas Station
Fire Dept. ID: 3113
Date of Inspection: 03/22/2010

Date Installed: 05/06/1966
Status Date: Not reported
Tank ID: 1
Tank Status: Removed
Tank Useage: Not reported
Tank Material: Steel
Tank Contents: Not reported
Tank Leak Detection: Not reported
Pipe Material: Steel
Pipe Container: Not reported
Pipe Leak Detection: Not reported
Serial Number: Not reported
Aboveground: No
Capacity: 2000
Contents: Gasoline

Date Installed: 05/06/1966
Status Date: Not reported
Tank ID: 2
Tank Status: Removed
Tank Useage: Not reported
Tank Material: Steel
Tank Contents: Not reported
Tank Leak Detection: Not reported
Pipe Material: Steel
Pipe Container: Not reported
Pipe Leak Detection: Not reported
Serial Number: Not reported
Aboveground: No
Capacity: 2000
Contents: Gasoline

Date Installed: 05/06/1966

JOHNNY'S GARAGE (Continued) **U003531282**

Status Date:	Not reported
Tank ID:	3
Tank Status:	**Removed**
Tank Useage:	Not reported
Tank Material:	Steel
Tank Contents:	Not reported
Tank Leak Detection:	Not reported
Pipe Material:	Steel
Pipe Container:	Not reported
Pipe Leak Detection:	Not reported
Serial Number:	Not reported
Aboveground:	No
Capacity:	4000
Contents:	Diesel

Date Installed:	05/07/1983
Status Date:	Not reported
Tank ID:	4
Tank Status:	**Removed**
Tank Useage:	Not reported
Tank Material:	Steel
Tank Contents:	Not reported
Tank Leak Detection:	Not reported
Pipe Material:	Steel
Pipe Container:	Not reported
Pipe Leak Detection:	Not reported
Serial Number:	Not reported
Aboveground:	No
Capacity:	4000
Contents:	Gasoline

Date Installed:	04/04/1993
Status Date:	Not reported
Tank ID:	5
Tank Status:	**In Use**
Tank Useage:	MV
Tank Material:	Composite
Tank Contents:	2 Walls
Tank Leak Detection:	Interstitial Monitoring
Pipe Material:	Reinforced
Pipe Container:	1 Wall
Pipe Leak Detection:	Suction: Check Valve at Dispenser Only
Serial Number:	Not reported
Aboveground:	No
Capacity:	4000
Contents:	Gasoline

Date Installed:	04/04/1993
Status Date:	Not reported
Tank ID:	6
Tank Status:	**In Use**
Tank Useage:	MV
Tank Material:	Composite
Tank Contents:	2 Walls

JOHNNY'S GARAGE (Continued) **U003531282**

Tank Leak Detection:	Interstitial Monitoring
Pipe Material:	Steel
Pipe Container:	1 Wall
Pipe Leak Detection:	Suction: Check Valve at Dispenser Only
Serial Number:	Not reported
Aboveground:	No
Capacity:	4000
Contents:	Gasoline

Date Installed:	04/04/1993
Status Date:	Not reported
Tank ID:	7
Tank Status:	**In Use**
Tank Useage:	MV
Tank Material:	Composite
Tank Contents:	2 Walls
Tank Leak Detection:	Interstitial Monitoring
Pipe Material:	Steel
Pipe Container:	1 Wall
Pipe Leak Detection:	Suction: Check Valve at Dispenser Only
Serial Number:	Not reported
Aboveground:	No
Capacity:	4000
Contents:	Gasoline

Date Installed:	04/04/1993
Status Date:	Not reported
Tank ID:	8
Tank Status:	**In Use**
Tank Useage:	MV
Tank Material:	Composite
Tank Contents:	2 Walls
Tank Leak Detection:	Interstitial Monitoring
Pipe Material:	Steel
Pipe Container:	1 Wall
Pipe Leak Detection:	Suction: Check Valve at Dispenser Only
Serial Number:	Not reported
Aboveground:	No
Capacity:	2000
Contents:	Diesel

MA FINANCIAL ASSURANCE 2:

Facility Id:	2060
Description:	Gas Station
Work Phone:	(413) 274-3328

A4 NE 1/8-1/4 0.227 mi. 1199 ft. | **NO LOCATION AID 174 FRONT ST HOUSATONIC, MA 01236** | **LUST RELEASE** | **S104000237 N/A**

Site 2 of 3 in cluster A

Relative: Lower

Actual: 751 ft.

LUST:

Facility:

Facility ID:	1-0012997
Current Status:	**Response Action Outcome**
Status Date:	09/01/1999
Source Type:	UST
Release Town:	GREAT BARRINGTON
Notification Date:	06/28/1999
Category:	120 DY
Associated ID:	Not reported
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material:	Oil

Chemical:

Chemical:	#4 FUEL OIL
Quantity:	10 gallons

Location:

Location Type:	Not reported

Source:

Source Type:	UST

Action:

Action Type:	Release Abatement Measure
Action Stat:	Oral Approval of Plan or Action
Action Date:	6/28/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Stat:	FOLOFF
Action Date:	6/29/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Stat:	FOLOFF
Action Date:	6/30/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Stat:	Fee Received - FMCRA Use Only
Action Date:	9/2/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Stat:	Completion Statement Received
Action Date:	9/1/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

NO LOCATION AID (Continued) **S104000237**

Action Type: Release Disposition
Action Stat: Reportable Release under MGL 21E
Action Date: 6/28/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Stat: FOLOFF
Action Date: 7/2/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Stat: RAO Statement Received
Action Date: 9/1/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Stat: FOLOFF
Action Date: 7/1/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Stat: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/2/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Stat: Reportable Release under MGL 21E
Action Date: 8/10/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:
Facility ID: 1-0012997
Primary ID: Not reported
Official City: GREAT BARRINGTON
Notification: 06/28/1999
Category: 120 DY
Current Status: Response Action Outcome
Status Date: 09/01/1999
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

Action:
Action Type: Release Abatement Measure
Action Stat: Oral Approval of Plan or Action
Action Date: 6/28/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

NO LOCATION AID (Continued) **S104000237**

Action Type: RLFA
Action Stat: FOLOFF
Action Date: 6/29/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Stat: FOLOFF
Action Date: 6/30/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Stat: Fee Received - FMCRA Use Only
Action Date: 9/2/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure
Action Stat: Completion Statement Received
Action Date: 9/1/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Stat: Reportable Release under MGL 21E
Action Date: 6/28/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Stat: FOLOFF
Action Date: 7/2/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Stat: RAO Statement Received
Action Date: 9/1/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Stat: FOLOFF
Action Date: 7/1/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Stat: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/2/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Stat: Reportable Release under MGL 21E
Action Date: 8/10/1999

NO LOCATION AID (Continued) **S104000237**

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

Chemical:
Chemical: #4 FUEL OIL
Quantity: 10 gallons

Location:
Location Type: Not reported

Source:
Source Type: UST

A5 **DECORATIVE ARTS STUDIO** **MANIFEST** **1009222913**
NE **174 FRONT ST** **N/A**
1/8-1/4 **HOUSATONIC, MA 01236**
0.227 mi.
1199 ft. **Site 3 of 3 in cluster A**

Relative:
Lower

Actual:
751 ft.

NY MANIFEST:
EPA ID: MAP132746975
Country: USA
Mailing Name: DECORATIVE ARTS STUDIO
Mailing Contact: SAM SHAPZRO
Mailing Address: 174 FRONT ST
Mailing Address 2: Not reported
Mailing City: HOUSATONIC
Mailing State: MA
Mailing Zip: 01236
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 413-274-6975

Document ID: NYC5405084
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 10/15/1998
Trans1 Recv Date: 10/15/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/15/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: MAP132746975
Trans1 EPA ID: NYD986872869
Trans2 EPA ID: Not reported
TSDF ID: NYJR8766
Waste Code: F005 - UNKNOWN
Quantity: 00112
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: F005 - UNKNOWN
Quantity: 00036
Units: P - Pounds

DECORATIVE ARTS STUDIO (Continued) **1009222913**

Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

Document ID:	NYC5495602
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	Not reported
Generator Ship Date:	01/08/1999
Trans1 Recv Date:	01/08/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/08/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MAP132746975
Trans1 EPA ID:	NYD986872869
Trans2 EPA ID:	Not reported
TSDF ID:	NYGS5776
Waste Code:	F005 - UNKNOWN
Quantity:	00036
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	99

B6 **FUEL OIL STORAGE TANK** **SHWS** **S106510064**
SSE **295 PARK ST** **RELEASE** **N/A**
1/2-1 **HOUSATONIC, MA 01236**
0.974 mi.
5145 ft. **Site 1 of 3 in cluster B**

Relative:
Lower

Actual:
715 ft.

SHWS:

Facility ID:	1-0010962
Release Town:	GREAT BARRINGTON
Notification Date:	07/19/1995
Category:	TWO HR
Associated ID:	Not reported
Current Status:	**Response Action Outcome**
Status Date:	09/05/1995
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil Or Haz Material:	Oil

Chemical:

Chemical:	#6 FUEL OIL
Quantity:	50 gallons
Chemical:	#6 FUEL OIL
Quantity:	100 gallons

Location:

Location Type:	INDUSTRIAL

Source:

FUEL OIL STORAGE TANK (Continued) **S106510064**

Source Type: PIPE

Action:

Action Type: RLFA
Action Stat: FOLOFF
Action Date: 7/19/1995
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 Stat: Reportable Release under MGL 21E
Action Date: 9/5/1995
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 Stat: RAO Statement Received
Action Date: 9/5/1995
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 Stat: Reportable Release under MGL 21E
Action Date: 7/19/1995
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 Stat: FOLOFF
Action Date: 7/20/1995
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 Stat: Oral Approval of Plan or Action
Action Date: 7/19/1995
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 Stat: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/21/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Facility ID: 1-0010962
Primary ID: Not reported
Official City: GREAT BARRINGTON
Notification: 07/19/1995
Category: TWO HR
Current Status: Response Action Outcome
Status Date: 09/05/1995
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.

FUEL OIL STORAGE TANK (Continued) **S106510064**

Oil / Haz Material Type: Oil

Action:

Action Type: RLFA
Action Stat: FOLOFF
Action Date: 7/19/1995
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 Stat: Reportable Release under MGL 21E
Action Date: 9/5/1995
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 Stat: RAO Statement Received
Action Date: 9/5/1995
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 Stat: Reportable Release under MGL 21E
Action Date: 7/19/1995
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 Stat: FOLOFF
Action Date: 7/20/1995
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 Stat: Oral Approval of Plan or Action
Action Date: 7/19/1995
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 Stat: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 7/21/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemical:

Chemical: #6 FUEL OIL
Quantity: 50 gallons
Chemical: #6 FUEL OIL
Quantity: 100 gallons

Location:

Location Type: INDUSTRIAL

Source:

Source Type: PIPE

B7 SSE 1/2-1 0.974 mi. 5145 ft. | **FOX RIVER PAPER COMPANY RISING PAPER DIV**
295 PARK ST
HOUSATONIC, MA 01236 | **SHWS RELEASE** | **S106510045 N/A**

Site 2 of 3 in cluster B

Relative: Lower

Actual: 715 ft.

SHWS:

Facility ID:	1-0010100
Release Town:	GREAT BARRINGTON
Notification Date:	12/06/1993
Category:	TWO HR
Associated ID:	Not reported
Current Status:	**Response Action Outcome**
Status Date:	04/06/1994
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil Or Haz Material:	Hazardous Material

Chemical:

Chemical:	HYPOCHLORITE SOLUTION
Quantity:	150 gallons

Location:

Location Type:	INDUSTRIAL

Source:

Source Type:	TANKER

Action:

Action Type:	Response Action Outcome - RAO
Action Stat:	RAO Statement Received
Action Date:	4/6/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Stat:	Fee Received - FMCRA Use Only
Action Date:	11/7/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Stat:	Reportable Release under MGL 21E
Action Date:	12/6/1993
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 Stat:	FOLOFF
Action Date:	12/9/1993
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 Stat:	Oral Approval of Plan or Action
Action Date:	12/6/1993
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)

FOX RIVER PAPER COMPANY RISING PAPER DIV (Continued) **S106510045**

Action Stat:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	12/9/1993
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 Stat:	Reportable Release under MGL 21E
Action Date:	1/12/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Stat:	Reportable Release under MGL 21E
Action Date:	1/31/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Facility ID:	1-0010100
Primary ID:	Not reported
Official City:	GREAT BARRINGTON
Notification:	12/06/1993
Category:	TWO HR
Current Status:	Response Action Outcome
Status Date:	04/06/1994
Phase:	Not reported
Response Action Outcome:	A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil / Haz Material Type:	Hazardous Material

Action:

Action Type:	Response Action Outcome - RAO
Action Stat:	RAO Statement Received
Action Date:	4/6/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Stat:	Fee Received - FMCRA Use Only
Action Date:	11/7/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Stat:	Reportable Release under MGL 21E
Action Date:	12/6/1993
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 Stat:	FOLOFF
Action Date:	12/9/1993
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

FOX RIVER PAPER COMPANY RISING PAPER DIV (Continued) **S106510045**

Action Stat:	Oral Approval of Plan or Action
Action Date:	12/6/1993
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 Stat:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	12/9/1993
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 Stat:	Reportable Release under MGL 21E
Action Date:	1/12/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Stat:	Reportable Release under MGL 21E
Action Date:	1/31/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemical:

Chemical:	HYPOCHLORITE SOLUTION
Quantity:	150 gallons

Location:

Location Type:	INDUSTRIAL

Source:

Source Type:	TANKER

B8 **HAZEN PAPER CO** **SHWS** **S108640809**
SSE **295 PARK ST** **RELEASE** **N/A**
1/2-1 **GREAT BARRINGTON, MA 01230** **AIRS**
0.974 mi.
5145 ft. **Site 3 of 3 in cluster B**

Relative:
Lower

Actual:
715 ft.

SHWS:

Facility ID:	1-0017221
Release Town:	GREAT BARRINGTON
Notification Date:	11/19/2008
Category:	120 DY
Associated ID:	Not reported
Current Status:	**Response Action Outcome**
Status Date:	09/09/2011
Phase:	PHASE II
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:	Hazardous Material

Chemical:

Chemical:	ARSENIC
Quantity:	660 milligrams per kilogram

Location:

Location Type:	INDUSTRIAL

HAZEN PAPER CO (Continued) **S108640809**

Source:
Source Type: Not reported

Action:
Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Stat: ALSENT
Action Date: 9/9/2009
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 Stat: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/3/2008
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 Stat: FLDD1A
Action Date: 12/2/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: An activity type that is related to an Audit
Action Stat: NOA
Action Date: 1/27/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Stat: Level III - Comprehensive Audit
Action Date: 3/9/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Stat: RAO Statement Received
Action Date: 9/9/2011
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 Stat: Level I - Technical Screen Audit
Action Date: 11/23/2011
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 Stat: FLDRAN
Action Date: 2/7/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF
Action Stat: Reportable Release under MGL 21E
Action Date: 11/19/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

HAZEN PAPER CO (Continued) **S108640809**

Action Type: Immediate Response Action
Action Stat: Written Approval of Plan
Action Date: 11/5/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Phase 1
Action Stat: Completion Statement Received
Action Date: 11/18/2009
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: Tier Classification
Action Stat: Transmittal, Notice, or Notification Received
Action Date: 11/18/2009
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: Tier Classification
Action Stat: Tier 2 Classification
Action Date: 11/18/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: An activity type that is related to an Audit
Action Stat: NAFNVD
Action Date: 3/9/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: An activity type that is related to an Audit
Action Stat: RFI
Action Date: 1/27/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action
Action Stat: Completion Statement Received
Action Date: 12/22/2009
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 Stat: Imminent Hazard Evaluation Received
Action Date: 12/22/2009
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 Stat: Reportable Release under MGL 21E
Action Date: 11/19/2008
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 Stat: FOLOFF
Action Date: 11/3/2009

HAZEN PAPER CO (Continued) **S108640809**

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

Facility ID: 1-0017222
Release Town: GREAT BARRINGTON
Notification Date: 11/19/2008
Category: 120 DY
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 11/19/2008
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: Hazardous Material

Chemical:
Chemical: 2-METHYLNAPHTHALENE
Quantity: 1.4 milligrams per kilogram
Chemical: NICKEL
Quantity: 22 milligrams per kilogram

Location:
Location Type: INDUSTRIAL

Source:
Source Type: Not reported

Action:
Action Type: RNF
Action Stat: Reportable Release under MGL 21E
Action Date: 11/19/2008
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition
Action Stat: Reportable Release under MGL 21E
Action Date: 11/19/2008
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO
Action Stat: RAO Statement Received
Action Date: 11/19/2008
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 Stat: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/3/2008
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Release:
Facility ID: 1-0017221
Primary ID: Not reported
Official City: GREAT BARRINGTON
Notification: 11/19/2008

HAZEN PAPER CO (Continued) **S108640809**

Category: 120 DY
Current Status: Response Action Outcome
Status Date: 09/09/2011
Phase: PHASE II
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: Hazardous Material

Action:

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Stat: ALSENT
Action Date: 9/9/2009
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 Stat: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/3/2008
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 Stat: FLDD1A
Action Date: 12/2/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: An activity type that is related to an Audit
Action Stat: NOA
Action Date: 1/27/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Stat: Level III - Comprehensive Audit
Action Date: 3/9/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Stat: RAO Statement Received
Action Date: 9/9/2011
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 Stat: Level I - Technical Screen Audit
Action Date: 11/23/2011
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 Stat: FLDRAN
Action Date: 2/7/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF

HAZEN PAPER CO (Continued) **S108640809**

Action Stat: Reportable Release under MGL 21E
Action Date: 11/19/2008
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 Stat: Written Approval of Plan
Action Date: 11/5/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Phase 1
Action Stat: Completion Statement Received
Action Date: 11/18/2009
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: Tier Classification
Action Stat: Transmittal, Notice, or Notification Received
Action Date: 11/18/2009
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: Tier Classification
Action Stat: Tier 2 Classification
Action Date: 11/18/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: An activity type that is related to an Audit
Action Stat: NAFNVD
Action Date: 3/9/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: An activity type that is related to an Audit
Action Stat: RFI
Action Date: 1/27/2012
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action
Action Stat: Completion Statement Received
Action Date: 12/22/2009
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 Stat: Imminent Hazard Evaluation Received
Action Date: 12/22/2009
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 Stat: Reportable Release under MGL 21E
Action Date: 11/19/2008
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

HAZEN PAPER CO (Continued) **S108640809**

to background or a threat of release has been eliminated.

Action Type: RLFA
Action Stat: FOLOFF
Action Date: 11/3/2009
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemical:
Chemical: ARSENIC
Quantity: 660 milligrams per kilogram

Location:
Location Type: INDUSTRIAL

Source:
Source Type: Not reported

Facility ID: 1-0017222
Primary ID: Not reported
Official City: GREAT BARRINGTON
Notification: 11/19/2008
Category: 120 DY
Current Status: Response Action Outcome
Status Date: 11/19/2008
Phase: Not reported
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.
Oil / Haz Material Type: Hazardous Material

Action:
Action Type: RNF
Action Stat: Reportable Release under MGL 21E
Action Date: 11/19/2008
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition
Action Stat: Reportable Release under MGL 21E
Action Date: 11/19/2008
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO
Action Stat: RAO Statement Received
Action Date: 11/19/2008
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 Stat: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/3/2008
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Chemical:
Chemical: 2-METHYLNAPHTHALENE
Quantity: 1.4 milligrams per kilogram

HAZEN PAPER CO (Continued) **S108640809**

Chemical: NICKEL
Quantity: 22 milligrams per kilogram

Location:
Location Type: INDUSTRIAL

Source:
Source Type: Not reported

AIRS:
Facility Status: APPROV
Permit Code: AQ02
Permit Name: NON-MAJOR COMPREHENSIVE PLAN APPLICATION
DEP Region: WE
Application Tracking Number: X226971
Date Closed: 05/26/2009
Applicant Name: HAZEN PAPER COMPANY
Applicant Address: 240 SOUTH WATER ST
Applicant City,St,Zip: HOLYOKE, MA 010400000
Applicant Telephone: 4135388204

Facility Status: APPROV
Permit Code: AQ11
Permit Name: OPERATING PERMIT ADMINISTRATIVE AMENDMENT
DEP Region: WE
Application Tracking Number: W129336
Date Closed: 05/10/2007
Applicant Name: FOX RIVER PAPER CO-RISING MILL
Applicant Address: 295 PARK ST
Applicant City,St,Zip: GREAT BARRINGTON, MA 012300000
Applicant Telephone: 4132743345

Facility Status: APPROV
Permit Code: AQ16
Permit Name: OP GROUP B SOURCES
DEP Region: WE
Application Tracking Number: 109037
Date Closed: 09/16/2004
Applicant Name: FOX RIVER PAPER COMPANY
Applicant Address: PO BOX 2215
Applicant City,St,Zip: APPLETON, WI 549130000
Applicant Telephone: 4147338223

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HOUSATONIC	1000217472	PETES FIX-IT SHOP	FRONT STREET-ROUTE 183	01236	FINDS,RCRA-NLR,MANIFEST
GREAT BARRINGTON	1000272547	BERKSHIRE AVIATION ENT INC	ROUTE 71	01230	FINDS,MANIFEST,MANIFEST,RCRA-
HOUSATONIC	1000317743	JOHNS GARAGE MOBIL	FRONT STREET	01236	FINDS,MANIFEST,MANIFEST,RCRA-
GREAT BARRINGTON	1000881661	LARKIN AUTO & TRUCK REPAIR	ROUTE 7 BOX 100 A	01230	FINDS,MANIFEST,RCRA-NLR
STOCKBRIDGE	1004519520	RIVERBROOK SCHOOL	ICE GLEN ROAD	01262	FINDS
GRETA BARRINGTON	1004717101	BERKSHIRE COUNTY TRANS & RPR	ROUTE 7	01230	FINDS,MANIFEST,RCRA-CESQG
GREAT BARRINGTON	1004717109	J D AUTOMOTIVE	ROUTE 7	01230	FINDS,RCRA-CESQG,MANIFEST
GREAT BARRINGTON	1008156639	EAGLETON SCHOOL	4461 MONTERAY RD	01230	FTTS,HIST FTTS INSP,FINDS
HOUSATONIC	1009221830	COOKS GARAGE	3 PARK STREET	01236	MANIFEST
GREAT BARRINGTON	1009222036	SEWARDS TIRE	4525 MAIN STREET	01250	MANIFEST
GREAT BARRINGTON	1009222053	BERK COUNTY TRAN & REPAIR	ROUTE 7	01230	MANIFEST
GREAT BARRINGTON	1009222143	LARKINS AUTO REPAIR	ROUTE 7 BOX 100 A	01230	MANIFEST
HOUSATONIC	1009222210	PETES FIX-IT SHOP	FRONT STREET ROUTE 183	01236	MANIFEST
STOCKBRIDGE	1009222918	BERTELLIS AUTO BODY	ROUTE 102 STOCKBRIDGE IND PK	01262	MANIFEST
GREAT BARRINGTON	S101036299	E. OF BRIDGE AT HOUSATONIC RIV	RTE. 7/41	01230	MA SPILLS
GREAT BARRINGTON	S105198716	ADAMS BUDZ POST	RTE 183 PARK ST	01230	HWS,RELEASE
GREAT BARRINGTON	S109760729	BERKSHIRE AVIATION	RTE 71	01230	MANIFEST
GREAT BARRINGTON	S109760730	BERKSHIRE AVIATION ENTERPRISES	RTE 71	01230	MANIFEST
GREAT BARRINGTON	S109769654	BERKSHIRE AVIATION	RTE 71		MANIFEST
GREAT BARRINGTON	S110822112	SOUTH OF MONUMENT MT.	ROUTE 7	01230	HWS,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: 05/08/2012
Date Data Arrived at EDR: 05/10/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 5

Source: EPA
Telephone: N/A
Last EDR Contact: 07/05/2012
Next Scheduled EDR Contact: 10/22/2012
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: 03/30/2012
Date Data Arrived at EDR: 04/05/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 07/05/2012
Next Scheduled EDR Contact: 10/22/2012
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
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/30/2012	Source: EPA
Date Data Arrived at EDR: 04/05/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/22/2012
	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: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/10/2012
	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: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/13/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/22/2012
	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: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
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: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

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: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
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: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
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: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
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: 07/13/2012
Date Data Arrived at EDR: 07/17/2012
Date Made Active in Reports: 08/14/2012
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Quarterly

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

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: 04/01/2012
Date Data Arrived at EDR: 04/09/2012
Date Made Active in Reports: 05/11/2012
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 617-292-5989
Last EDR Contact: 07/27/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Listing
Sites within the Leaking Underground Storage Tank Listing that have a UST listed as its source.

Date of Government Version: 07/13/2012
Date Data Arrived at EDR: 07/17/2012
Date Made Active in Reports: 08/14/2012
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 10/29/2012
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: 07/13/2012
Date Data Arrived at EDR: 07/17/2012
Date Made Active in Reports: 08/14/2012
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 617-292-5500
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 10/29/2012
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: 05/25/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/07/2012
Date Data Arrived at EDR: 05/08/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
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: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Summary Listing of all the Tanks Registered in the State of Massachusetts
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 04/20/2012
Date Data Arrived at EDR: 04/26/2012
Date Made Active in Reports: 05/11/2012
Number of Days to Update: 15

Source: Department of Fire Services, Office of the Public Safety
Telephone: 617-556-1035
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/05/2012
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: 07/17/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/07/2012
Date Data Arrived at EDR: 05/08/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 69

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
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: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 42

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

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: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

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: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
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: 02/28/2012
Date Data Arrived at EDR: 02/29/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 76

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
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: 07/12/2012
Next Scheduled EDR Contact: 10/29/2012
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: 07/13/2012
Date Data Arrived at EDR: 07/17/2012
Date Made Active in Reports: 08/14/2012
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 02/17/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 42

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
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: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/25/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/08/2012
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: 08/03/2012
Next Scheduled EDR Contact: 11/19/2012
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: 03/16/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 34

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/04/2012
Next Scheduled EDR Contact: 09/17/2012
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: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/27/2012
Next Scheduled EDR Contact: 11/12/2012
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: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

LIENS: Liens Information Listing

A listing of environmental liens.

Date of Government Version: 07/12/2011
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 10/05/2011
Number of Days to Update: 34

Source: Department of Environmental Protection
Telephone: 617-292-5628
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/10/2012
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: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Annually

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
Date Data Arrived at EDR: 12/03/2003
Date Made Active in Reports: 12/31/2003
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 617-292-5720
Last EDR Contact: 12/03/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

RELEASE: Reportable Releases

Contains information on all releases of oil and hazardous materials that have been reported to DEP

Date of Government Version: 07/13/2012
Date Data Arrived at EDR: 07/17/2012
Date Made Active in Reports: 08/14/2012
Number of Days to Update: 28

Source: Department of Environmental Protection
Telephone: 617-292-5990
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (888) 372-7341
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 94

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/19/2012
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: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
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: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 01/25/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 36

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
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: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/13/2012
Next Scheduled EDR Contact: 09/24/2012
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
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/29/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/05/2012
Next Scheduled EDR Contact: 09/17/2012
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: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/29/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 05/23/2012
Next Scheduled EDR Contact: 09/10/2012
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: 05/23/2012
Next Scheduled EDR Contact: 09/10/2012
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: 07/27/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 06/21/2012
Next Scheduled EDR Contact: 10/08/2012
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: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
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: 06/21/2011
Date Data Arrived at EDR: 07/15/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 60

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
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: 01/10/2012
Date Data Arrived at EDR: 01/12/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/11/2012
Next Scheduled EDR Contact: 10/22/2012
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: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (617) 918-1111
Last EDR Contact: 06/12/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
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

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: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: 09/10/2012
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: 04/04/2012
Date Data Arrived at EDR: 05/22/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: 508-767-2781
Last EDR Contact: 05/22/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

DRYCLEANERS: Regulated Drycleaning Facilities
A listing of Department of Environmental Protection regulated drycleaning facilities that use perchloroethylene under the Environmental Results Program.

Date of Government Version: 07/17/2012
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 08/14/2012
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: 617-292-5633
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Varies

ENFORCEMENT: Enforcement Action Cases
A listing of enforcement action cases tracked by Department of Environmental Protection programs, including Solid Waste and Hazardous Waste.

Date of Government Version: 08/01/2004
Date Data Arrived at EDR: 09/01/2004
Date Made Active in Reports: 10/01/2004
Number of Days to Update: 30

Source: Department of Environmental Quality
Telephone: 617-292-5979
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

AIRS: Permitted Facilities Listing
A listing of Air Quality permit applications.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 06/07/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 14

Source: Department of Environmental Protection
Telephone: 617-292-5789
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Varies

LEAD: Lead Inspection Database
The Massachusetts Childhood Lead Poisoning Prevention Program data of lead inspection for the state.

Date of Government Version: 07/03/2012
Date Data Arrived at EDR: 07/12/2012
Date Made Active in Reports: 08/14/2012
Number of Days to Update: 33

Source: Department of Health & Human Services, Childhood Lead Poisoning Prevention Progr
Telephone: 617-624-5757
Last EDR Contact: 06/25/2012
Next Scheduled EDR Contact: 09/24/2012
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: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
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: 07/19/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Varies

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 02/27/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
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: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/12/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
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: 03/31/2012
Date Data Arrived at EDR: 05/17/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

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: 05/24/2012
Date Data Arrived at EDR: 06/05/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 10/25/2011
Date Made Active in Reports: 11/18/2011
Number of Days to Update: 24

Source: Office of State Fire Marshal
Telephone: 978-567-3100
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Quarterly

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
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: 07/16/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 3: Financial Assurance Information listing
Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 04/12/2012
Date Made Active in Reports: 05/11/2012
Number of Days to Update: 29

Source: Department of Environmental Protection
Telephone: 617-292-5970
Last EDR Contact: 07/24/2012
Next Scheduled EDR Contact: 10/15/2012
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: 08/10/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: N/A

2020 COR ACTION: 2020 Corrective Action Program List
The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/18/2012
Next Scheduled EDR Contact: 08/27/2012
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: 08/03/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: 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

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/21/2012
Date Data Arrived at EDR: 05/22/2012
Date Made Active in Reports: 05/31/2012
Number of Days to Update: 9

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/22/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/09/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 04/27/2012
Date Made Active in Reports: 06/05/2012
Number of Days to Update: 39

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 05/11/2012
Date Data Arrived at EDR: 05/24/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/23/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Annually

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.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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 and 2005 from the U.S. Fish and Wildlife Service.

Areas of Critical Environmental Concern Datalayer: The Areas of Critical Environmental Concern (ACEC) datalayer shows the location of areas that have been designated ACECs by the Secretary of Environmental Affairs. ACEC designation requires greater environmental review of certain kinds of proposed development under state jurisdiction within the ACEC boundaries. The ACEC Program is administered by the Department of Environmental Management (DEM) on behalf of the Secretary of Environmental Affairs. The Massachusetts Coastal Zone Management (MCZM) Office managed the original Coastal ACEC Program from 1978 to 1993, and continues to play a key role in monitoring coastal ACECs. Procedures for ACEC designation and the general policies governing the effects of designation are contained in the ACEC regulations (301 CMR 12.00). The ACEC datalayer has been compiled by MCZM and DEM and includes both coastal and inland areas.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FORMER HOUSATONIC SCHOOL BUILDING
207 PLEASANT STREET
GREAT BARRINGTON, MA 01230

TARGET PROPERTY COORDINATES

Latitude (North):	42.2553 - 42˚ 15' 19.08''
Longitude (West):	73.3674 - 73˚ 22' 2.64''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	634671.8
UTM Y (Meters):	4679199.0
Elevation:	752 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	42073-C3 STOCKBRIDGE, MA
Most Recent Revision:	1997
South Map:	42073-B3 GREAT BARRINGTON, MA
Most Recent Revision:	1997
Southwest Map:	42073-B4 EGREMONT, MA NY
Most Recent Revision:	1997
West Map:	42073-C4 STATE LINE, MA NY
Most Recent Revision:	1997

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

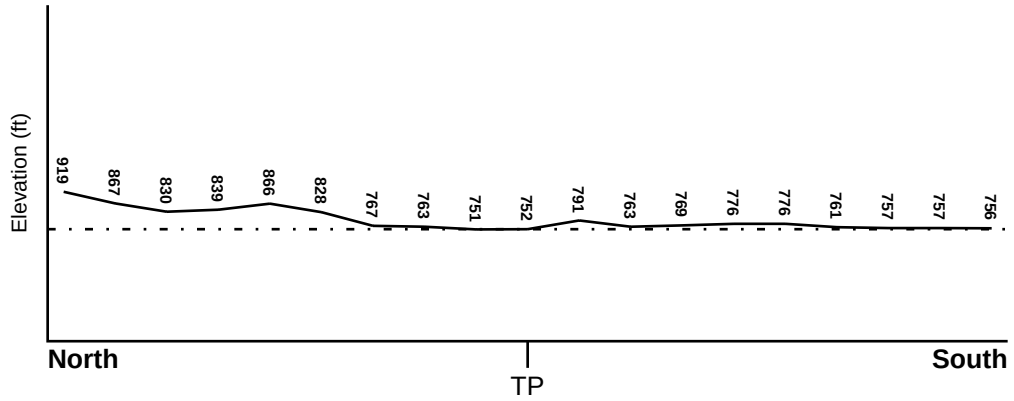
TOPOGRAPHIC INFORMATION

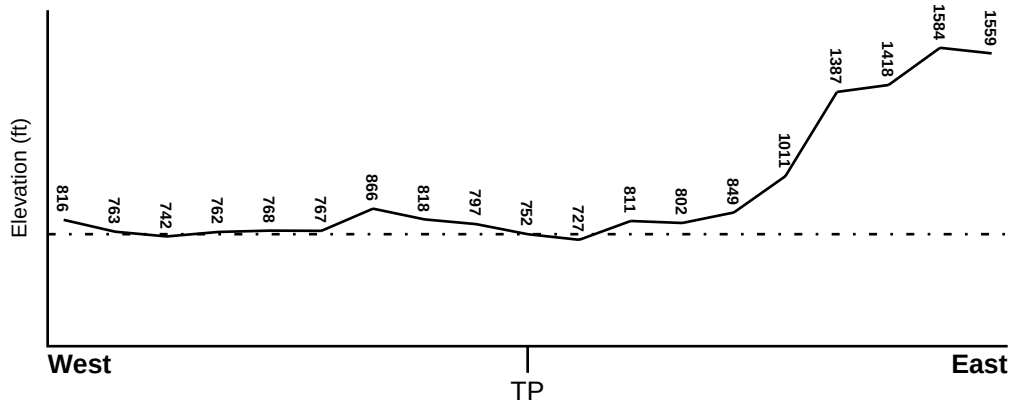
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 752 ft.

0 1/2 1 Miles

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

Flood Plain Panel at Target Property:	2500240002B - FEMA Q3 Flood data
Additional Panels in search area:	2500420008B - FEMA Q3 Flood data 2500450018B - FEMA Q3 Flood data 2500240001B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
STOCKBRIDGE	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
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

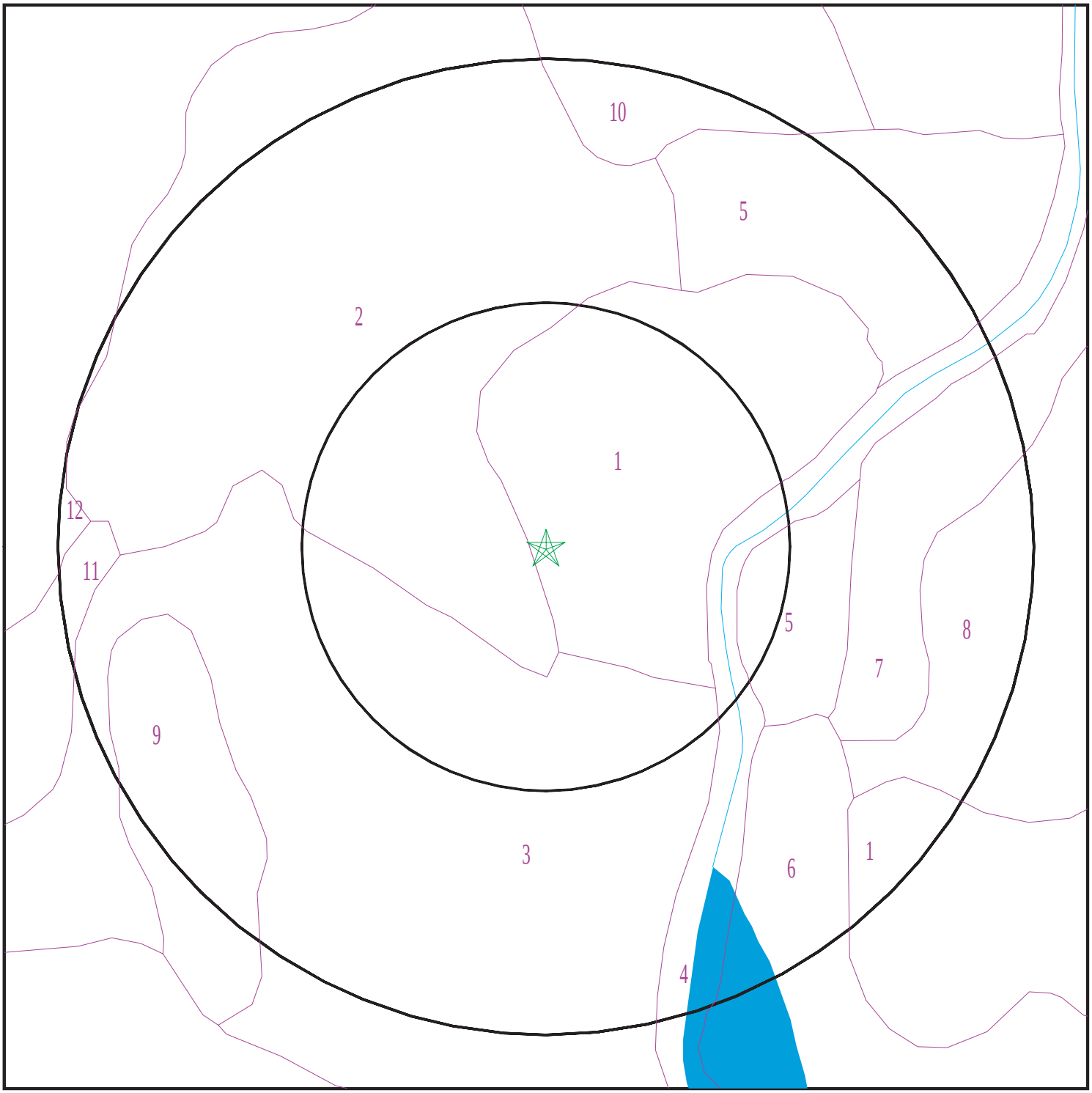
Era:	Paleozoic
System:	Ordovicias
Series:	Lower Ordovician and Cambrian carbonate rocks
Code:	OC *(decoded above as Era, System & Series)*

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).

SSURGO SOIL MAP - 03387129.2r



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME: Former Housatonic School Building ADDRESS: 207 Pleasant Street Great Barrington MA 01230 LAT/LONG: 42.2553 / 73.3674	CLIENT: Tighe & Bond CONTACT: Jesse Regnier INQUIRY #: 03387129.2r DATE: August 14, 2012 12:21 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Copake

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	fine sandy loam	Not reported	Not reported	Max: 705 Min: 141.14	Max: 8.4 Min: 6.1
2	3 inches	25 inches	gravelly fine sandy loam	Not reported	Not reported	Max: 705 Min: 141.14	Max: 8.4 Min: 6.1
3	25 inches	64 inches	sr to gravelly loamy fine sand to very gravelly coarse sand	Not reported	Not reported	Max: 705 Min: 141.14	Max: 8.4 Min: 6.1

Soil Map ID: 2

Soil Component Name: Pittsfield

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Not reported	Not reported	Max: 42.34 Min: 4.23	Max: 8.4 Min: 5.6
2	9 inches	31 inches	fine sandy loam	Not reported	Not reported	Max: 42.34 Min: 4.23	Max: 8.4 Min: 5.6
3	31 inches	64 inches	gravelly sandy loam	Not reported	Not reported	Max: 42.34 Min: 4.23	Max: 8.4 Min: 5.6

Soil Map ID: 3

Soil Component Name: Pittsfield

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Not reported	Not reported	Max: 42.34 Min: 4.23	Max: 8.4 Min: 5.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	9 inches	31 inches	fine sandy loam	Not reported	Not reported	Max: 42.34 Min: 4.23	Max: 8.4 Min: 5.6
3	31 inches	64 inches	gravelly sandy loam	Not reported	Not reported	Max: 42.34 Min: 4.23	Max: 8.4 Min: 5.6

Soil Map ID: 4

Soil Component Name: Cwater

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 5

Soil Component Name: Urban land

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 6

Soil Component Name: Copake

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	3 inches	fine sandy loam	Not reported	Not reported	Max: 705 Min: 141.14	Max: 8.4 Min: 6.1
2	3 inches	25 inches	gravelly fine sandy loam	Not reported	Not reported	Max: 705 Min: 141.14	Max: 8.4 Min: 6.1
3	25 inches	64 inches	sr to gravelly loamy fine sand to very gravelly coarse sand	Not reported	Not reported	Max: 705 Min: 141.14	Max: 8.4 Min: 6.1

Soil Map ID: 7

Soil Component Name: Pittsfield

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Not reported	Not reported	Max: 42.34 Min: 4.23	Max: 8.4 Min: 5.6
2	9 inches	31 inches	fine sandy loam	Not reported	Not reported	Max: 42.34 Min: 4.23	Max: 8.4 Min: 5.6
3	31 inches	64 inches	gravelly sandy loam	Not reported	Not reported	Max: 42.34 Min: 4.23	Max: 8.4 Min: 5.6

Soil Map ID: 8

Soil Component Name: Stockbridge

Soil Surface Texture: gravelly silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	gravelly silt loam	Not reported	Not reported	Max: 4.23 Min: 0.42	Max: 8.4 Min: 5.6
2	7 inches	24 inches	silt loam	Not reported	Not reported	Max: 4.23 Min: 0.42	Max: 8.4 Min: 5.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	24 inches	64 inches	gravelly silt loam	Not reported	Not reported	Max: 4.23 Min: 0.42	Max: 8.4 Min: 5.6

Soil Map ID: 9

Soil Component Name: Farmington

Soil Surface Texture: bedrock

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 38 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	16 inches	20 inches	bedrock	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6
2	0 inches	9 inches	loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6
3	9 inches	16 inches	gravelly loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6

Soil Map ID: 10

Soil Component Name: Farmington

Soil Surface Texture: bedrock

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	16 inches	20 inches	bedrock	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6
2	0 inches	9 inches	loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6
3	9 inches	16 inches	loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6

Soil Map ID: 11

Soil Component Name: Farmington

Soil Surface Texture: bedrock

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	16 inches	20 inches	bedrock	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6
2	0 inches	9 inches	loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	9 inches	16 inches	gravelly loam	Not reported	Not reported	Max: 14.11 Min: 4.23	Max: 7.8 Min: 5.6

Soil Map ID: 12

Soil Component Name: Pittsfield

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Not reported	Not reported	Max: 42.34 Min: 4.23	Max: 8.4 Min: 5.6
2	9 inches	31 inches	fine sandy loam	Not reported	Not reported	Max: 42.34 Min: 4.23	Max: 8.4 Min: 5.6
3	31 inches	64 inches	gravelly sandy loam	Not reported	Not reported	Max: 42.34 Min: 4.23	Max: 8.4 Min: 5.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS2132056	1/8 - 1/4 Mile East
A2	USGS2132063	1/2 - 1 Mile West
A3	USGS2132059	1/2 - 1 Mile West
A4	USGS2132060	1/2 - 1 Mile West
A5	USGS2132062	1/2 - 1 Mile West
A6	USGS2132061	1/2 - 1 Mile West
7	USGS2132076	1/2 - 1 Mile NW
8	USGS2131889	1/2 - 1 Mile NNE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

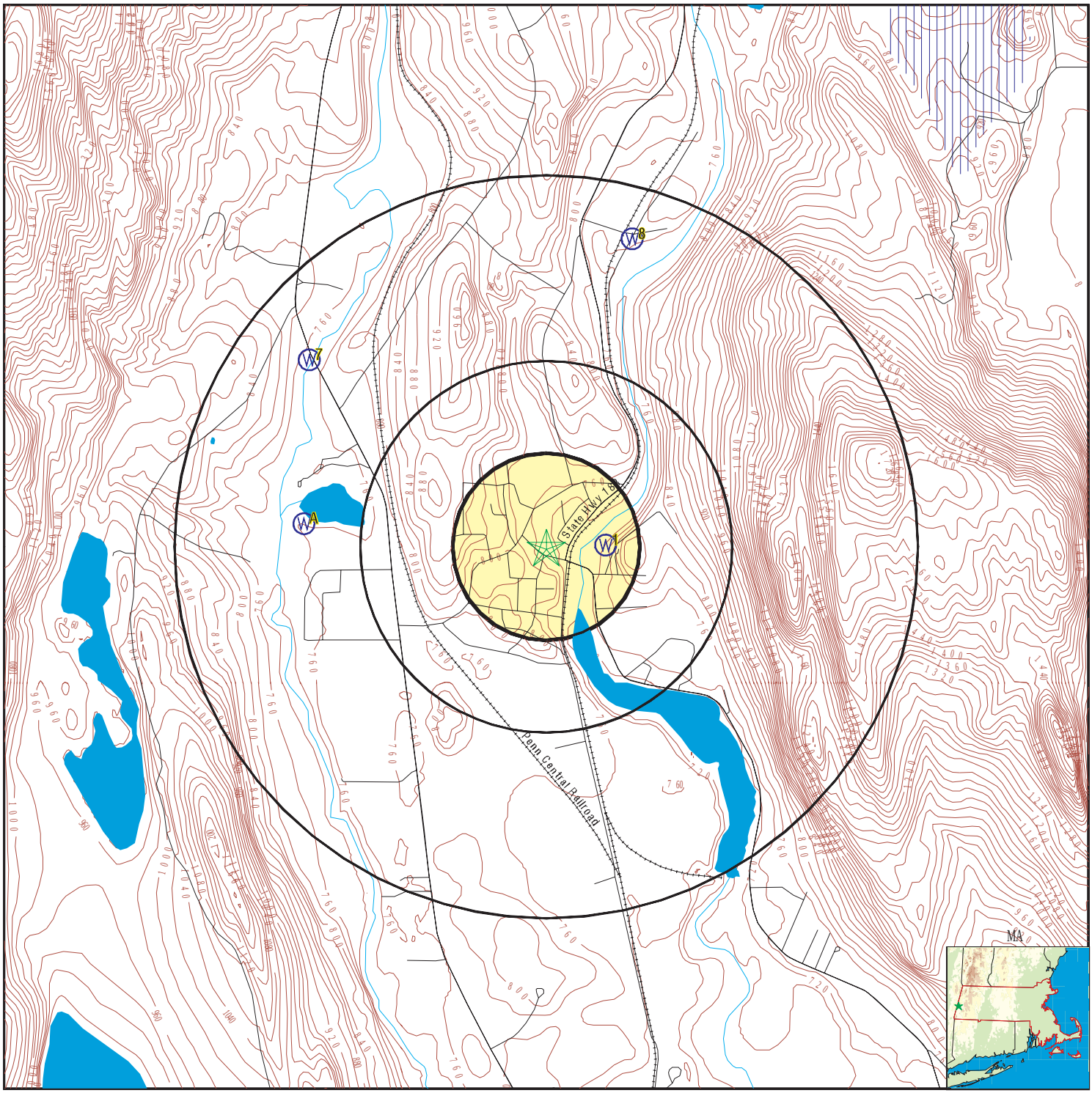
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 03387129.2r



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location

Potentially Productive Aquifers
Not Potentially Productive Aquifers
DEP Approved Zone IIs
EPA Designated Sole Src. Aq.

SITE NAME: Former Housatonic School Building	CLIENT: Tighe & Bond
ADDRESS: 207 Pleasant Street Great Barrington MA 01230	CONTACT: Jesse Regnier INQUIRY #: 03387129.2r
LAT/LONG: 42.2553 / 73.3674	DATE: August 14, 2012 12:21 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **East** **1/8 - 1/4 Mile** **Lower**	**FED USGS**	**USGS2132056**

Agency cd:	USGS	Site no:	421519073215301
Site name:	MA-GMW 8		
Latitude:	421519	EDR Site id:	USGS2132056
Longitude:	0732153	Dec lat:	42.2553658
Dec lon:	-73.3642769	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	003
Country:	US	Land net:	Not Reported
Location map:	BASIC DATA	Map scale:	Not Reported
Altitude:	730.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Housatonic. Connecticut, Massachusetts, New York. Area = 1930 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	1952
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	511	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1952-01-01	Ground water data end date:	1952-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

A2 **West** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS2132063**

Agency cd:	USGS	Site no:	421522073225005
Site name:	MA-GMW 17		
Latitude:	421522	EDR Site id:	USGS2132063
Longitude:	0732250	Dec lat:	42.25619917
Dec lon:	-73.3801106	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	003
Country:	US	Land net:	Not Reported
Location map:	BASIC DATA 9	Map scale:	Not Reported

Altitude:	746.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Housatonic. Connecticut, Massachusetts, New York. Area = 1930 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	1938
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	39.5	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A3
West
1/2 - 1 Mile
Higher

FED USGS **USGS2132059**

Agency cd:	USGS	Site no:	421522073225001
Site name:	MA-GMW 13		
Latitude:	421522	EDR Site id:	USGS2132059
Longitude:	0732250	Dec lat:	42.25619917
Dec lon:	-73.3801106	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	003
Country:	US	Land net:	Not Reported
Location map:	BASIC DATA 9	Map scale:	Not Reported
Altitude:	746.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Housatonic. Connecticut, Massachusetts, New York. Area = 1930 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	1938
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	13.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A4
West
1/2 - 1 Mile
Higher

FED USGS **USGS2132060**

Agency cd:	USGS	Site no:	421522073225002
Site name:	MA-GMW 14		
Latitude:	421522	EDR Site id:	USGS2132060
Longitude:	0732250	Dec lat:	42.25619917
Dec lon:	-73.3801106	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	003
Country:	US	Land net:	Not Reported
Location map:	BASIC DATA 9	Map scale:	Not Reported
Altitude:	746.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Housatonic. Connecticut, Massachusetts, New York. Area = 1930 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	1938
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A5
West
1/2 - 1 Mile
Higher

FED USGS **USGS2132062**

Agency cd:	USGS	Site no:	421522073225004
Site name:	MA-GMW 16		
Latitude:	421522	EDR Site id:	USGS2132062
Longitude:	0732250	Dec lat:	42.25619917
Dec lon:	-73.3801106	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	003
Country:	US	Land net:	Not Reported
Location map:	BASIC DATA 9	Map scale:	Not Reported
Altitude:	746.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Housatonic. Connecticut, Massachusetts, New York. Area = 1930 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	1938
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	13.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

A6
West
1/2 - 1 Mile
Higher

FED USGS **USGS2132061**

Agency cd:	USGS	Site no:	421522073225003
Site name:	MA-GMW 15		
Latitude:	421522	EDR Site id:	USGS2132061
Longitude:	0732250	Dec lat:	42.25619917
Dec lon:	-73.3801106	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	003
Country:	US	Land net:	Not Reported
Location map:	BASIC DATA 9	Map scale:	Not Reported
Altitude:	746.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Housatonic. Connecticut, Massachusetts, New York. Area = 1930 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	1938
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

7
NW **FED USGS** **USGS2132076**
1/2 - 1 Mile
Lower

Agency cd:	USGS	Site no:	421545073224901
Site name:	MA-CDB 28		
Latitude:	421545	EDR Site id:	USGS2132076
Longitude:	0732249	Dec lat:	42.26258806
Dec lon:	-73.37983278	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	003
Country:	US	Land net:	Not Reported
Location map:	BASIC DATA 9	Map scale:	Not Reported
Altitude:	750.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Housatonic. Connecticut, Massachusetts, New York. Area = 1930 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	6.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
8 **NNE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS2131889**

Agency cd:	USGS	Site no:	421602073214801
Site name:	MA-SZW 18		
Latitude:	421602	EDR Site id:	USGS2131889
Longitude:	0732148	Dec lat:	42.26731
Dec lon:	-73.36288778	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	25
State:	25	County:	003
Country:	US	Land net:	Not Reported
Location map:	BASIC DATA 9	Map scale:	Not Reported
Altitude:	762.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Housatonic. Connecticut, Massachusetts, New York. Area = 1930 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	1951
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	84.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1951-01-01	Ground water data end date:	1951-01-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: MA Radon

Radon Test Results

County	% of sites>4 pCi/L	Median
BERKSHIRE	21	1.9

Federal EPA Radon Zone for BERKSHIRE 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: 01230

Number of sites tested: 4

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	5.250 pCi/L	50%	50%	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 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

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

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Massachusetts Geographic Information System (MassGIS) Datalayers
Source: Executive Office of Environmental Affairs

Public Water Supply Database: The Public Water Supply datalayer contains the locations of public community surface and groundwater supply sources and public non-community supply sources as defined in 310 CMR 22.00.

OTHER STATE DATABASE INFORMATION

Areas of Critical Environmental Concern Datalayer: The Areas of Critical Environmental Concern (ACEC) datalayer shows the location of areas that have been designated ACECs by the Secretary of Environmental Affairs. ACEC designation requires greater environmental review of certain kinds of proposed development under state jurisdiction within the ACEC boundaries. The ACEC Program is administered by the Department of Environmental Management (DEM) on behalf of the Secretary of Environmental Affairs. The Massachusetts Coastal Zone Management (MCZM) Office managed the original Coastal ACEC Program from 1978 to 1993, and continues to play a key role in monitoring coastal ACECs. Procedures for ACEC designation and the general policies governing the effects of designation are contained in the ACEC regulations (301 CMR 12.00). The ACEC datalayer has been compiled by MCZM and DEM and includes both coastal and inland areas.

EPA Designated Sole Source Aquifers Datalayer: The Sole Source Aquifer datalayer was compiled by the Department of Environmental Protection (DEP) Division of Water Supply (DWS). Seven Sole Source Aquifers have been designated by the US Environmental Protection Agency (EPA) for Massachusetts. A Sole Source Aquifer (SSA) is an aquifer designated by US EPA as the sole or principal source of drinking water for a given aquifer service area; that is, an aquifer which is needed to supply 50% or more of the drinking water for that area and for which there are no reasonably available alternative sources should that aquifer become contaminated. The aquifers were defined by a EPA hydrogeologist.

Aquifers Datalayer: MassGIS produced an aquifer datalayer composed of 20 individual panels, generally based on the boundaries of the major drainage basins. Areas of high and medium yield were mapped. This datalayer includes polygon attribute coding to help in the identification of areas in which cleanup of hazardous waste sites must meet drinking water standards, as defined in the Massachusetts Contingency Plan (MCP) (310 CMR 40.00000).

Non-Potential Drinking Water Source Areas: Non-Potential Drinking Water Source Areas (NPDWSA) are regulatory in nature, representing one of many considerations used in determining the standards to which ground water must be cleaned in the event of a release of oil or hazardous material. NPDWSAs are not based on existing water quality and do not indicate poor ambient conditions.

DEP Approved Zone IIs Datalayer: The Department of Environmental Protection (DEP) approved Zone IIs datalayer was compiled by the DEP Division of Water Supply (DWS). The database contains 281 approved Zone IIs statewide. As stated in 310 CMR 22.02, a Zone II is "that area of an aquifer which contributes water to a well under the most severe pumping and recharge conditions that can be realistically anticipated (180 days of pumping at safe yield, with no recharge from precipitation.) It is bounded by the groundwater divides which result from pumping the well and by the contact of the aquifer with less permeable materials such as till or bedrock. In some cases, streams or lakes may act as recharge boundaries. In all cases, Zone IIs shall extend up gradient to its point of intersection with prevailing hydrogeologic boundaries (a groundwater flow divide, a contact with till or bedrock, or a recharge boundary)." These data are used in association with the Public Water Supplies datalayer. The following describes certain unique features of this association.

- Any proposed new well which will pump at least 100,000 gallons per day must have a Zone II delineation completed and approved by DEP prior to the well coming on line.
- Additionally, a new source may not be on-line yet, but other, older wells may fall within its Zone II boundary.
- Further, existing wells must have a Zone II delineated as a condition of receiving a water withdrawal permit under the Water Management Act.

RADON

State Database: MA Radon
Source: Department of Health
Telephone: 413-586-7525
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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Former Housatonic School Building
207 Pleasant Street
Great Barrington, MA 01230

Inquiry Number: 3387129.4
August 14, 2012

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
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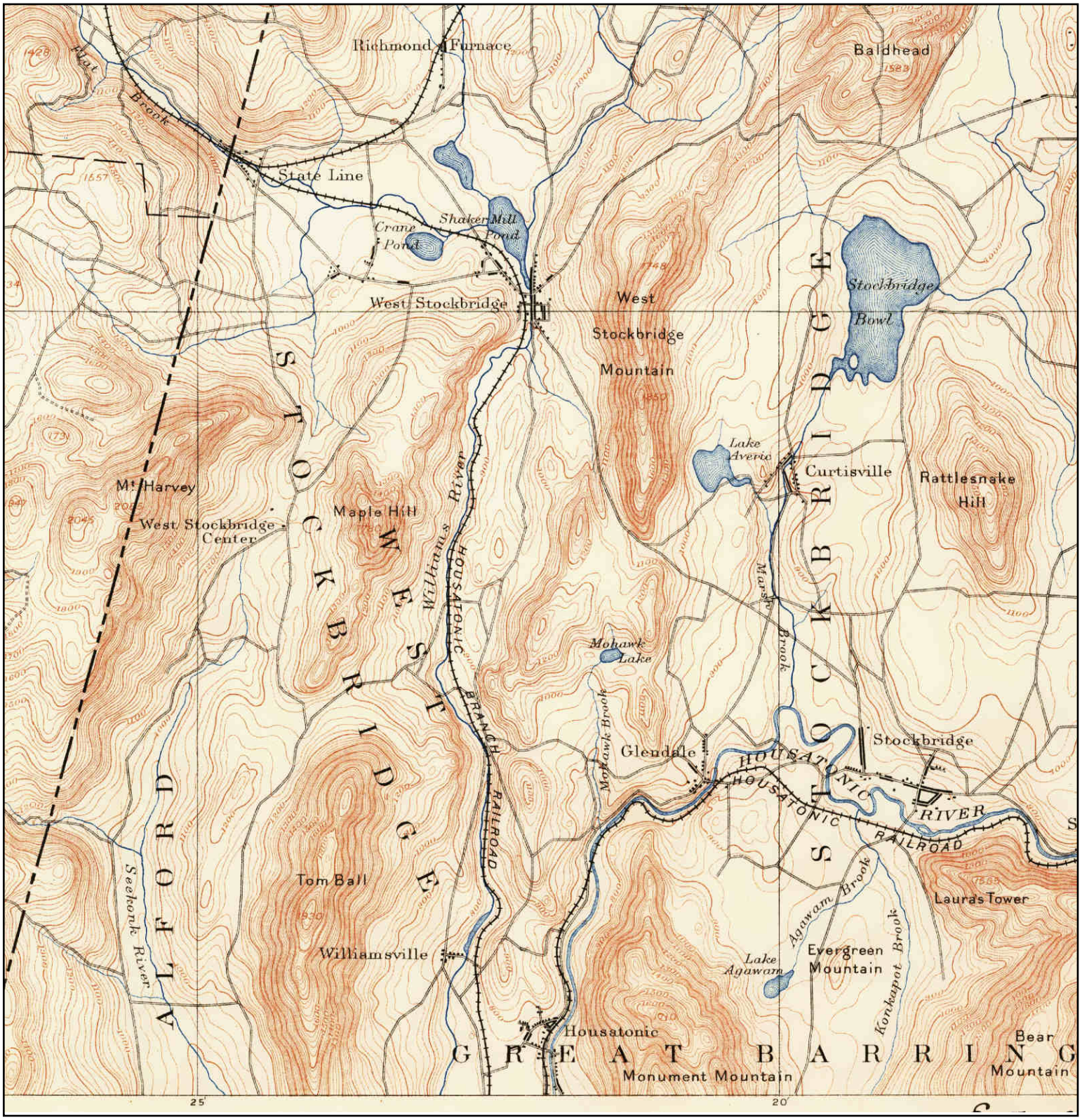
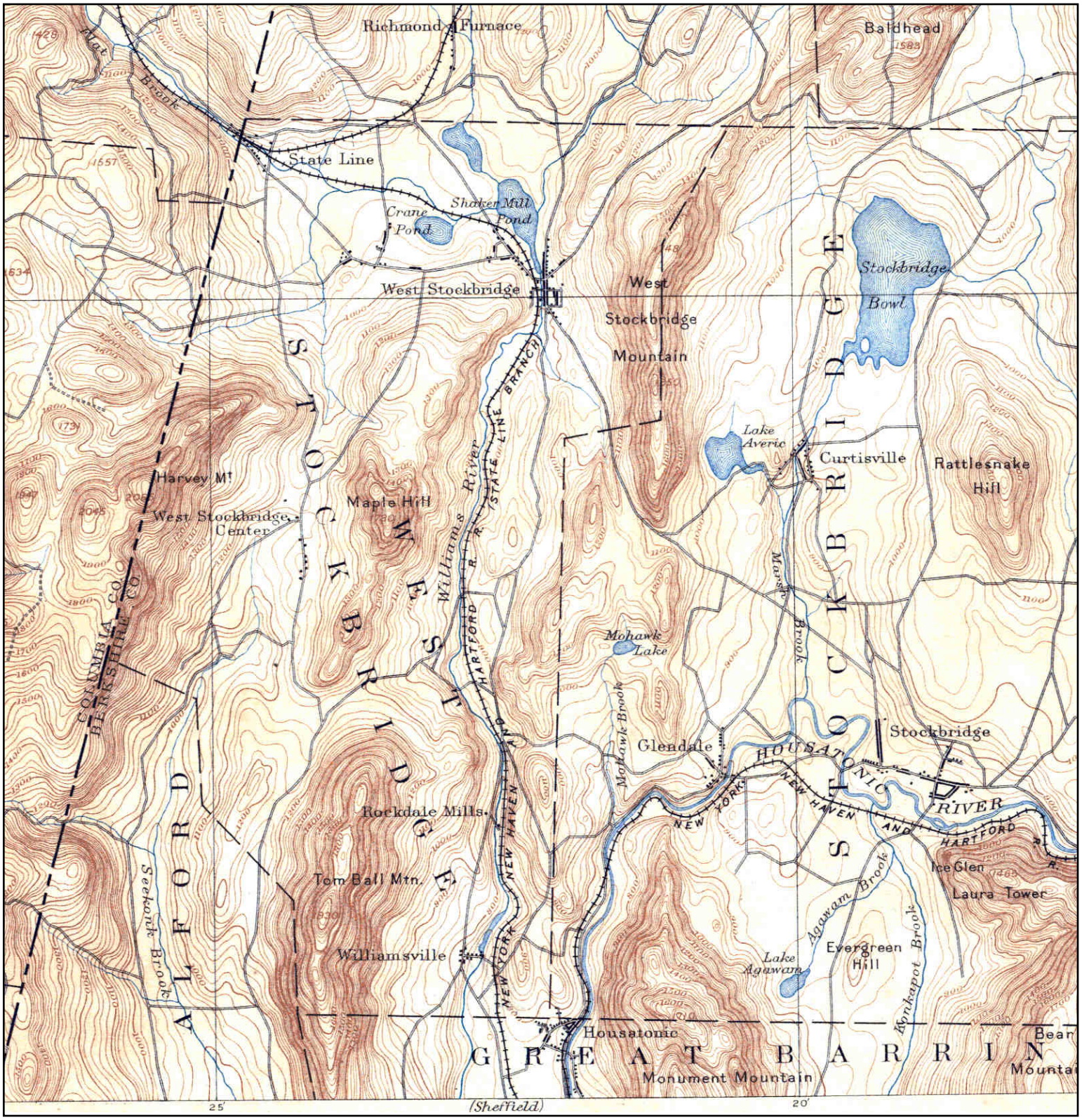
Historical Topographic Map



N	TARGET QUAD NAME: PITTSFIELD MAP YEAR: 1890 SERIES: 15 SCALE: 1:62500	SITE NAME: Former Housatonic School Building ADDRESS: 207 Pleasant Street Great Barrington, MA 01230 LAT/LONG: 42.2553 / -73.3674	CLIENT: Tighe & Bond CONTACT: Jesse Regnier INQUIRY#: 3387129.4 RESEARCH DATE: 08/14/2012

Historical Topographic Map

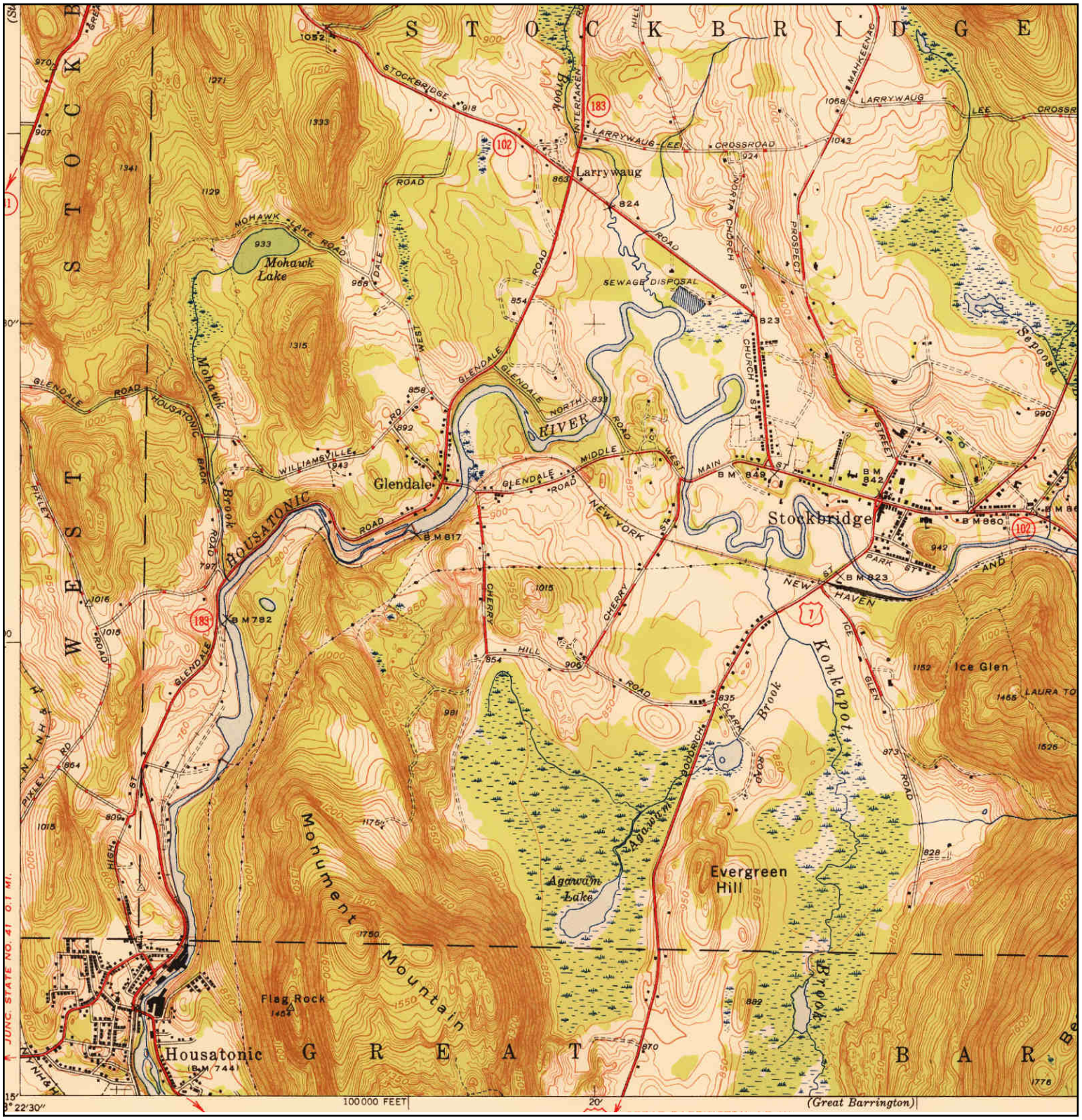


N	TARGET QUAD NAME: PITTSFIELD MAP YEAR: 1897 SERIES: 15 SCALE: 1:62500	SITE NAME: Former Housatonic School Building ADDRESS: 207 Pleasant Street Great Barrington, MA 01230 LAT/LONG: 42.2553 / -73.3674	CLIENT: Tighe & Bond CONTACT: Jesse Regnier INQUIRY#: 3387129.4 RESEARCH DATE: 08/14/2012

Historical Topographic Map

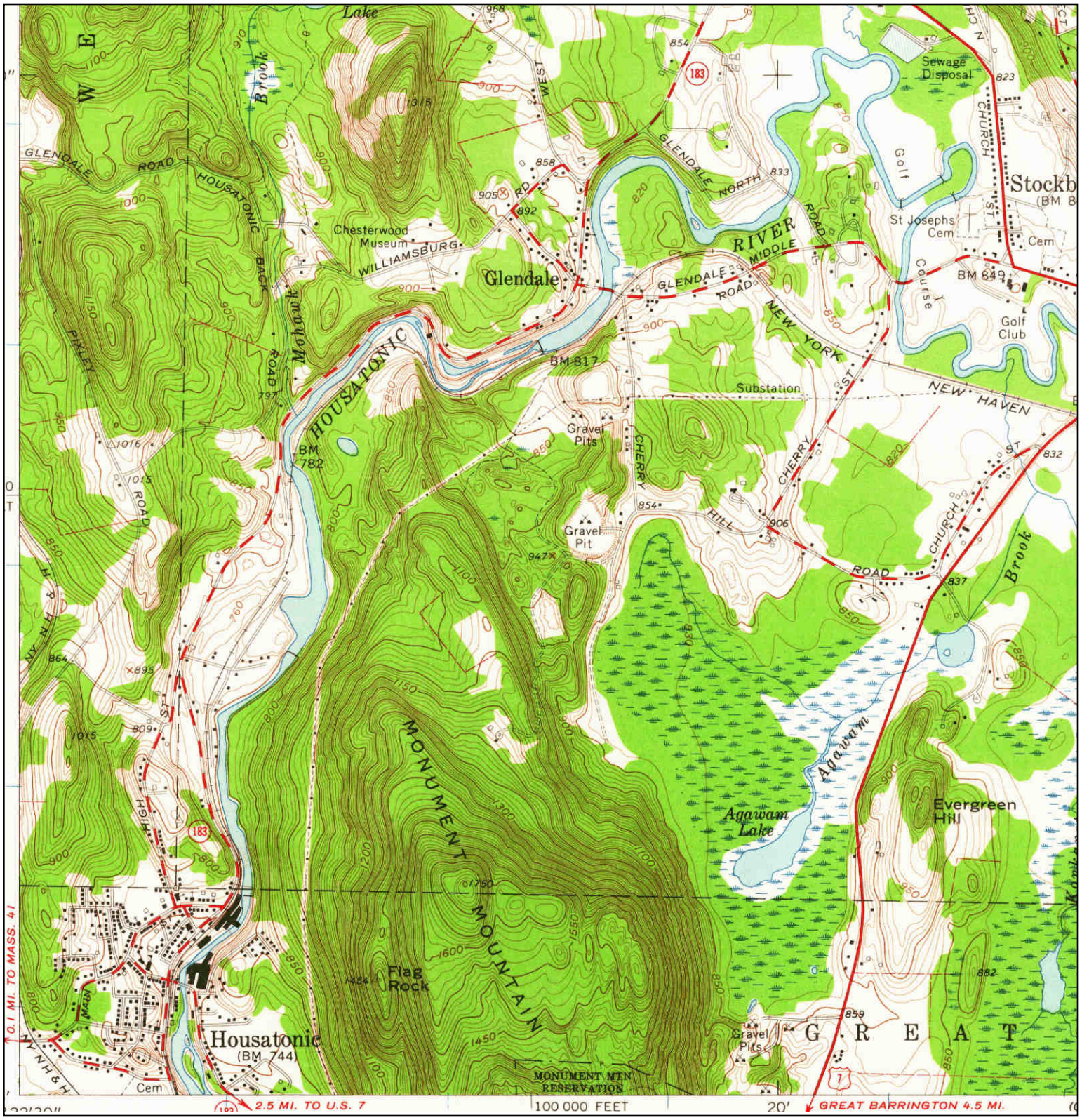
N	TARGET QUAD NAME: HOUSATONIC MAP YEAR: 1900 SERIES: 30 SCALE: 1:125000	SITE NAME: Former Housatonic School Building ADDRESS: 207 Pleasant Street Great Barrington, MA 01230 LAT/LONG: 42.2553 / -73.3674	CLIENT: Tighe & Bond CONTACT: Jesse Regnier INQUIRY#: 3387129.4 RESEARCH DATE: 08/14/2012

Historical Topographic Map



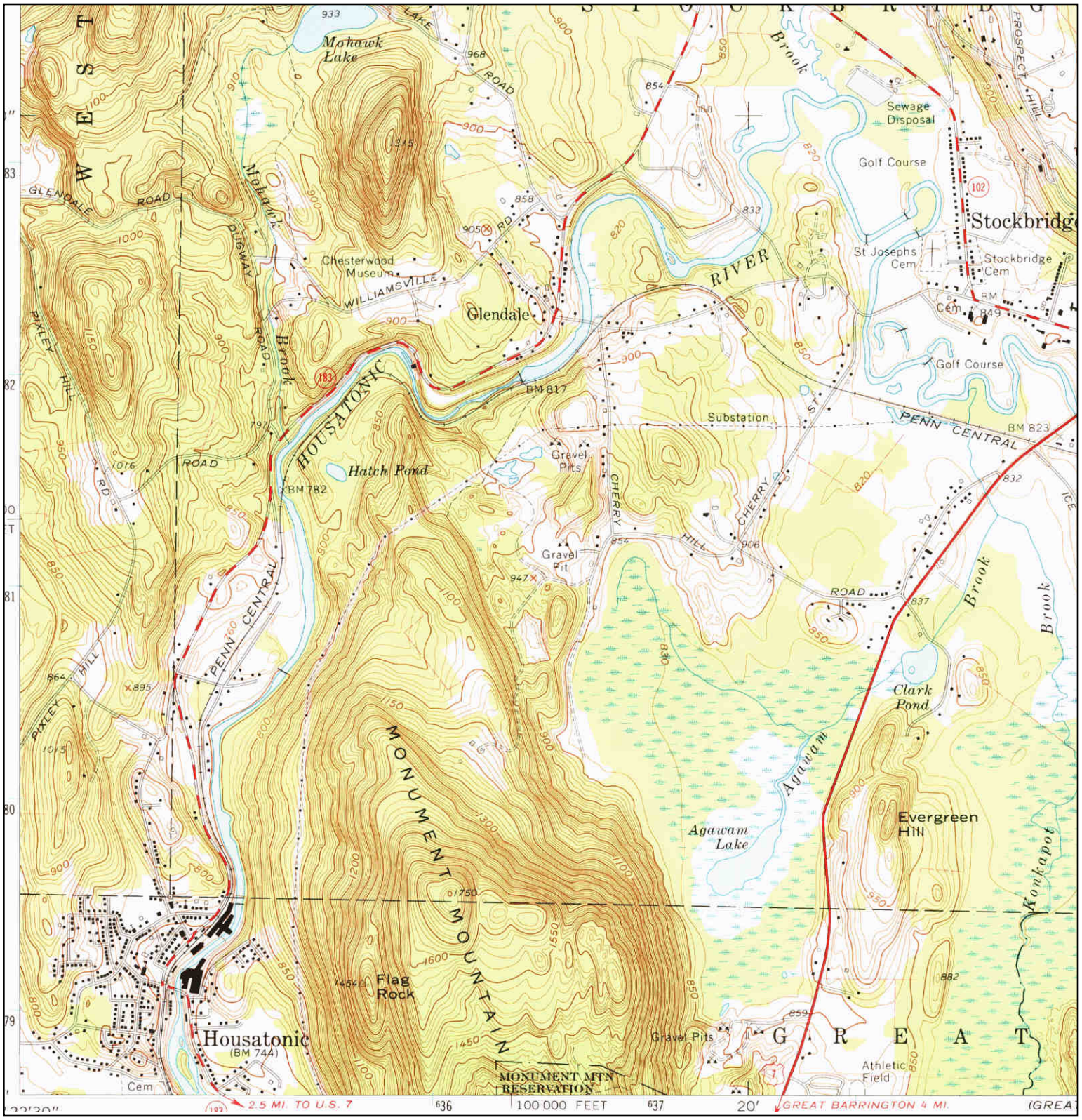
N	TARGET QUAD NAME: STOCKBRIDGE MAP YEAR: 1948 SERIES: 7.5 SCALE: 1:31680	SITE NAME: Former Housatonic School Building ADDRESS: 207 Pleasant Street Great Barrington, MA 01230 LAT/LONG: 42.2553 / -73.3674	CLIENT: Tighe & Bond CONTACT: Jesse Regnier INQUIRY#: 3387129.4 RESEARCH DATE: 08/14/2012

Historical Topographic Map



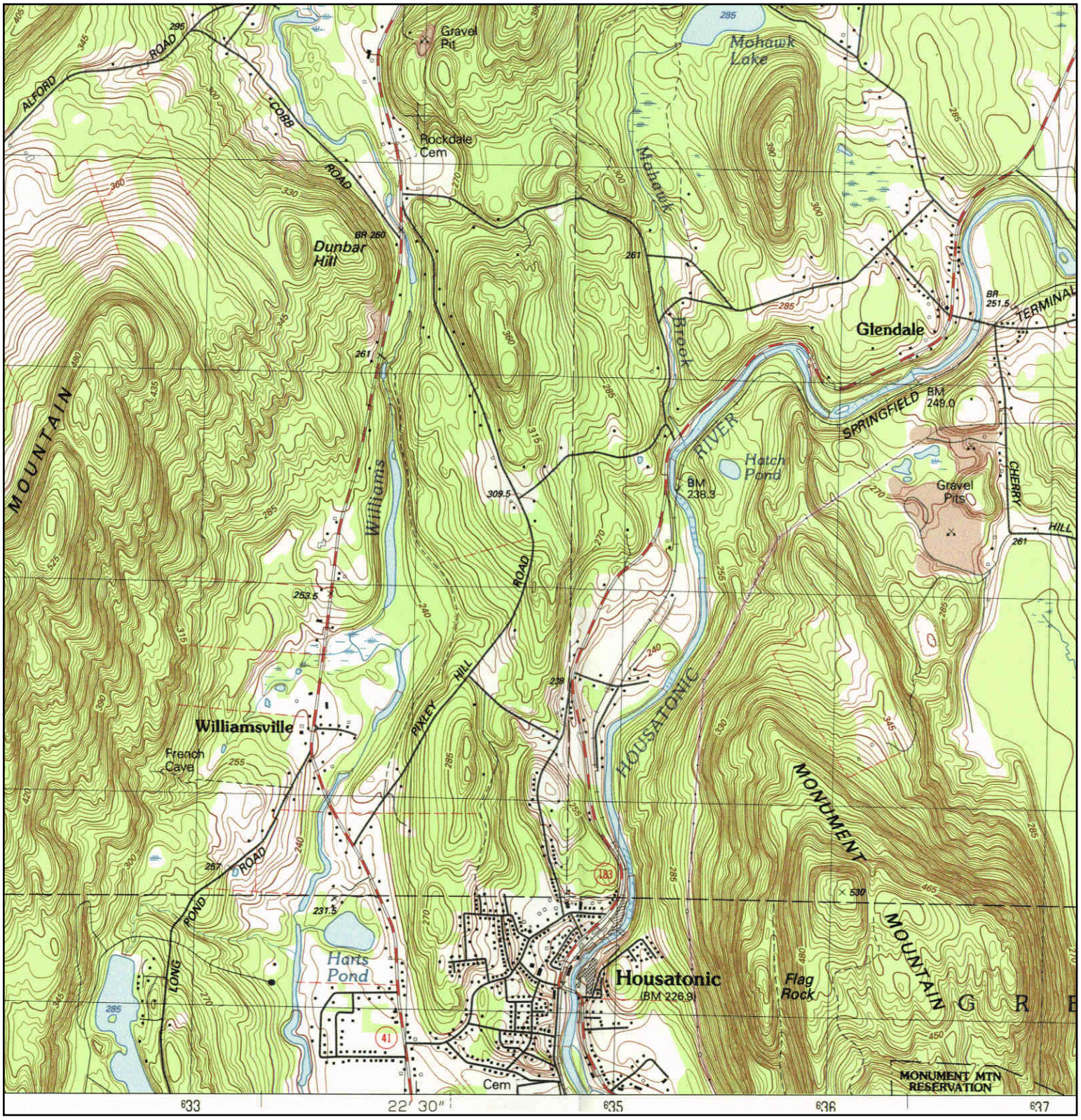
N	TARGET QUAD NAME: STOCKBRIDGE MAP YEAR: 1959 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Former Housatonic School Building ADDRESS: 207 Pleasant Street Great Barrington, MA 01230 LAT/LONG: 42.2553 / -73.3674	CLIENT: Tighe & Bond CONTACT: Jesse Regnier INQUIRY#: 3387129.4 RESEARCH DATE: 08/14/2012

Historical Topographic Map



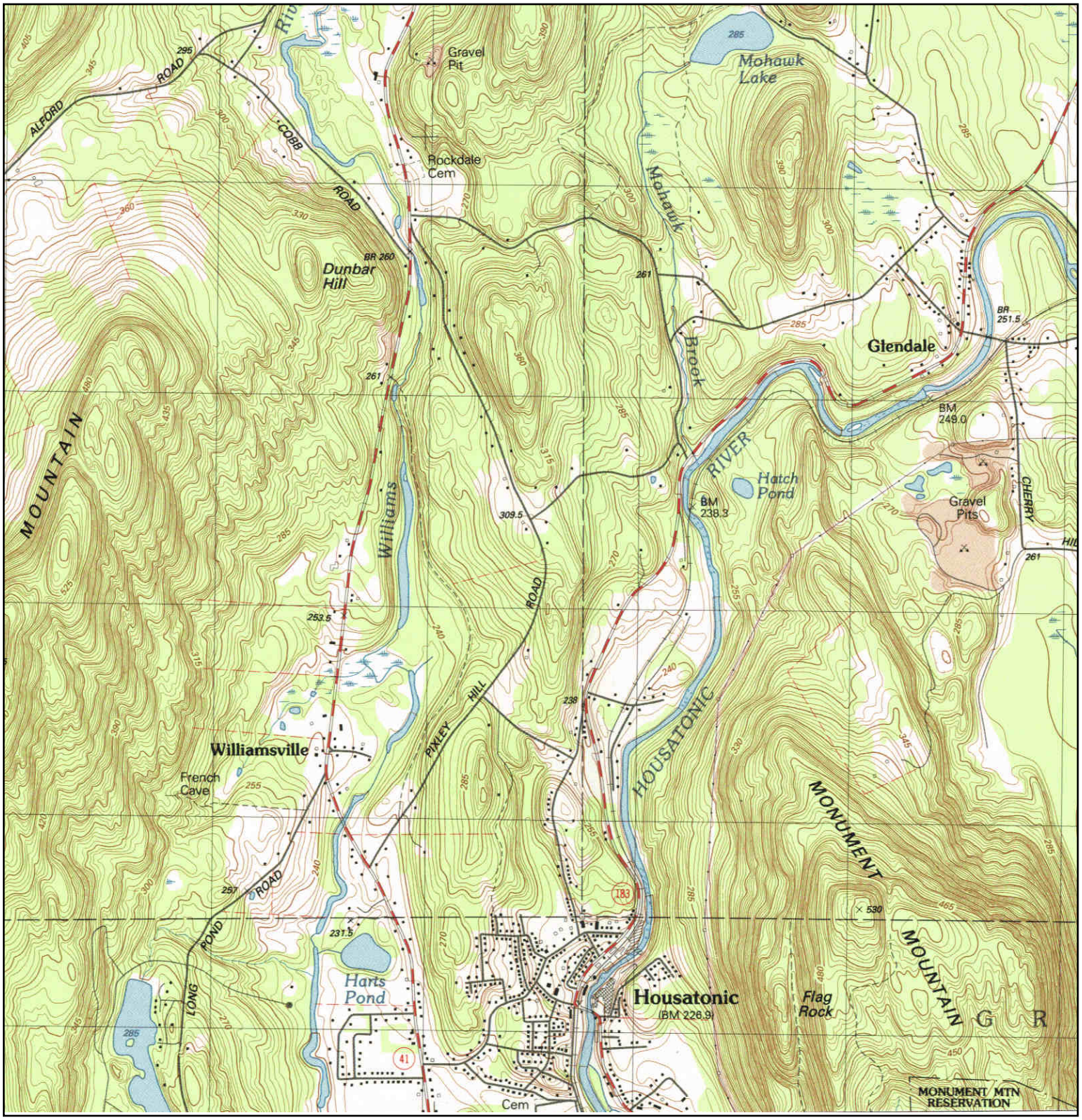
N	TARGET QUAD NAME: STOCKBRIDGE MAP YEAR: 1973 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Former Housatonic School Building ADDRESS: 207 Pleasant Street Great Barrington, MA 01230 LAT/LONG: 42.2553 / -73.3674	CLIENT: Tighe & Bond CONTACT: Jesse Regnier INQUIRY#: 3387129.4 RESEARCH DATE: 08/14/2012

Historical Topographic Map



N	TARGET QUAD NAME: STOCKBRIDGE MAP YEAR: 1987 SERIES: 7.5 SCALE: 1:25000	SITE NAME: Former Housatonic School Building ADDRESS: 207 Pleasant Street Great Barrington, MA 01230 LAT/LONG: 42.2553 / -73.3674	CLIENT: Tighe & Bond CONTACT: Jesse Regnier INQUIRY#: 3387129.4 RESEARCH DATE: 08/14/2012

Historical Topographic Map



N	TARGET QUAD NAME: STOCKBRIDGE MAP YEAR: 1997 SERIES: 7.5 SCALE: 1:25000	SITE NAME: Former Housatonic School Building ADDRESS: 207 Pleasant Street Great Barrington, MA 01230 LAT/LONG: 42.2553 / -73.3674	CLIENT: Tighe & Bond CONTACT: Jesse Regnier INQUIRY#: 3387129.4 RESEARCH DATE: 08/14/2012

Former Housatonic School Building
207 Pleasant Street
Great Barrington, MA 01230

Inquiry Number: 3387129.6
August 14, 2012

The EDR-City Directory Image Report

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

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City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

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

RESEARCH SUMMARY

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

Year	***Target Street***	***Cross Street***	***Source***
1964	☑	☐	Manning's City Directory

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FINDINGS

TARGET PROPERTY STREET

207 Pleasant Street
Great Barrington, MA 01230

Year	*CD Image*	*Source*
Pleasant Street		
1964	pg A1	Manning's City Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	Manning's City Directory

Pleasant Street 1964

FORD GEORGE E ¤ 274-3461

PLEASANT FR 235 MAIN SE TO 21 RIVER

15 VAN DEUSEN FLOYD H ¤ 528-1856
16 MULLANY GEORGE T ¤ 528-2598
MULLANY G T DENTIST 528-0884
19 RODRIGUES LOUIS 528-3455
WHALEN GLADYS G MRS ¤
20 BENWAY HENRY G ¤ 528-1886
BENWAY ELIZABETH R MRS
25 MC COLLUM EDNA MRS 528-1268
BOWEN BARBARA E
MAC LEAN BLANCHE MRS 528-1556
HARDING SARAH U 528-2282
26 LINDQUIST DONALD ¤ 528-2056
STOCKWELL SETH S 528-0509
27 JOHNSON WILLIAM F ¤ 528-3279
31 NOONAN MARION ¤ 528-2175
LEBLANC JOSEPHINE B 528-1705
34 MORGAN C W AUCTIONEER ¤ 528-3545

38 PLEASANT CT BEGINS

41 FRY RAYMOND P 528-0473
42 SHALLEY JOHN F ¤ 528-3417
BANACH BLANCHE

43 FRANCIS AV ENDS

55 ANDERSON HARRY ¤ 528-2767

PLEASANT /HOUSATONIC/ FR PARK NW TO MAIN

Former Housatonic School Building
207 Pleasant Street
Great Barrington, MA 01230

Inquiry Number: 3387129.5
August 15, 2012

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

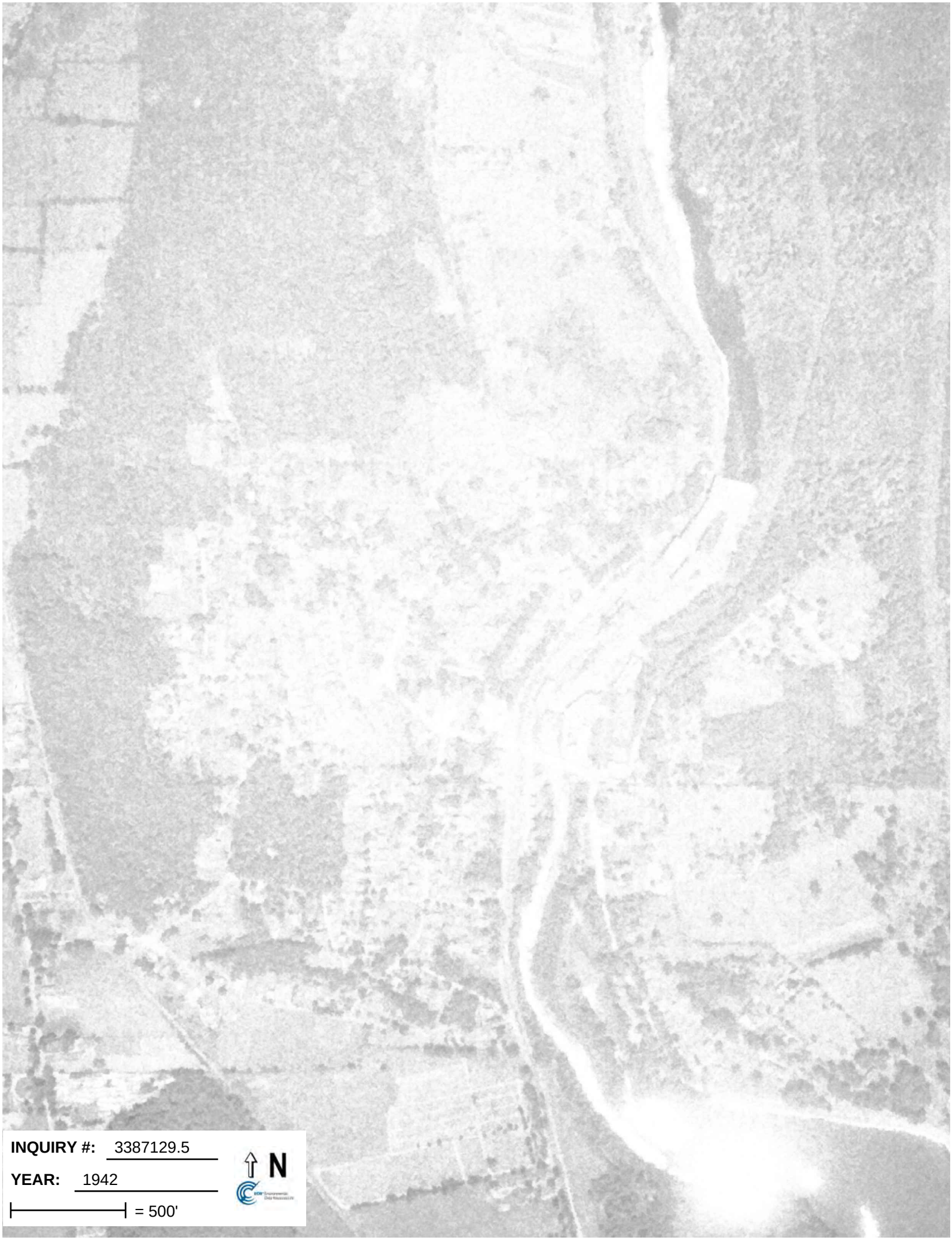
Aerial Photography August 15, 2012

Target Property:

207 Pleasant Street

Great Barrington, MA 01230

Year	***Scale***	***Details***	***Source***
1942	Aerial Photograph. Scale: 1"=500'	Panel #: 42073-C3, Stockbridge, MA;/Flight Date: July 13, 1942	EDR
1944	Aerial Photograph. Scale: 1"=500'	Panel #: 42073-C3, Stockbridge, MA;/Flight Date: March 22, 1944	EDR
1959	Aerial Photograph. Scale: 1"=750'	Panel #: 42073-C3, Stockbridge, MA;/Flight Date: May 06, 1959	EDR
1971	Aerial Photograph. Scale: 1"=500'	Panel #: 42073-C3, Stockbridge, MA;/Flight Date: May 11, 1971	EDR
1975	Aerial Photograph. Scale: 1"=1000'	Panel #: 42073-C3, Stockbridge, MA;/Flight Date: October 28, 1975	EDR
1980	Aerial Photograph. Scale: 1"=750'	Panel #: 42073-C3, Stockbridge, MA;/Flight Date: April 21, 1980	EDR
1982	Aerial Photograph. Scale: 1"=1000'	Panel #: 42073-C3, Stockbridge, MA;/Flight Date: April 29, 1982	EDR
1991	Aerial Photograph. Scale: 1"=750'	Panel #: 42073-C3, Stockbridge, MA;/Flight Date: March 31, 1991	EDR
1997	Aerial Photograph. Scale: 1"=750'	Panel #: 42073-C3, Stockbridge, MA;/Flight Date: April 30, 1997	EDR
1995,1997,1998	Aerial Photograph. Scale: 1"=500'	Panel #: 42073-C3, Stockbridge, MA;/Composite DOQQ - acquisition dates: April 24, 1995,April 30, 1997,April 14, 1998	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 42073-C3, Stockbridge, MA;/Flight Year: 2006	EDR
2008	Aerial Photograph. Scale: 1"=500'	Panel #: 42073-C3, Stockbridge, MA;/Flight Year: 2008	EDR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YEAR: 1942
= 500'
N

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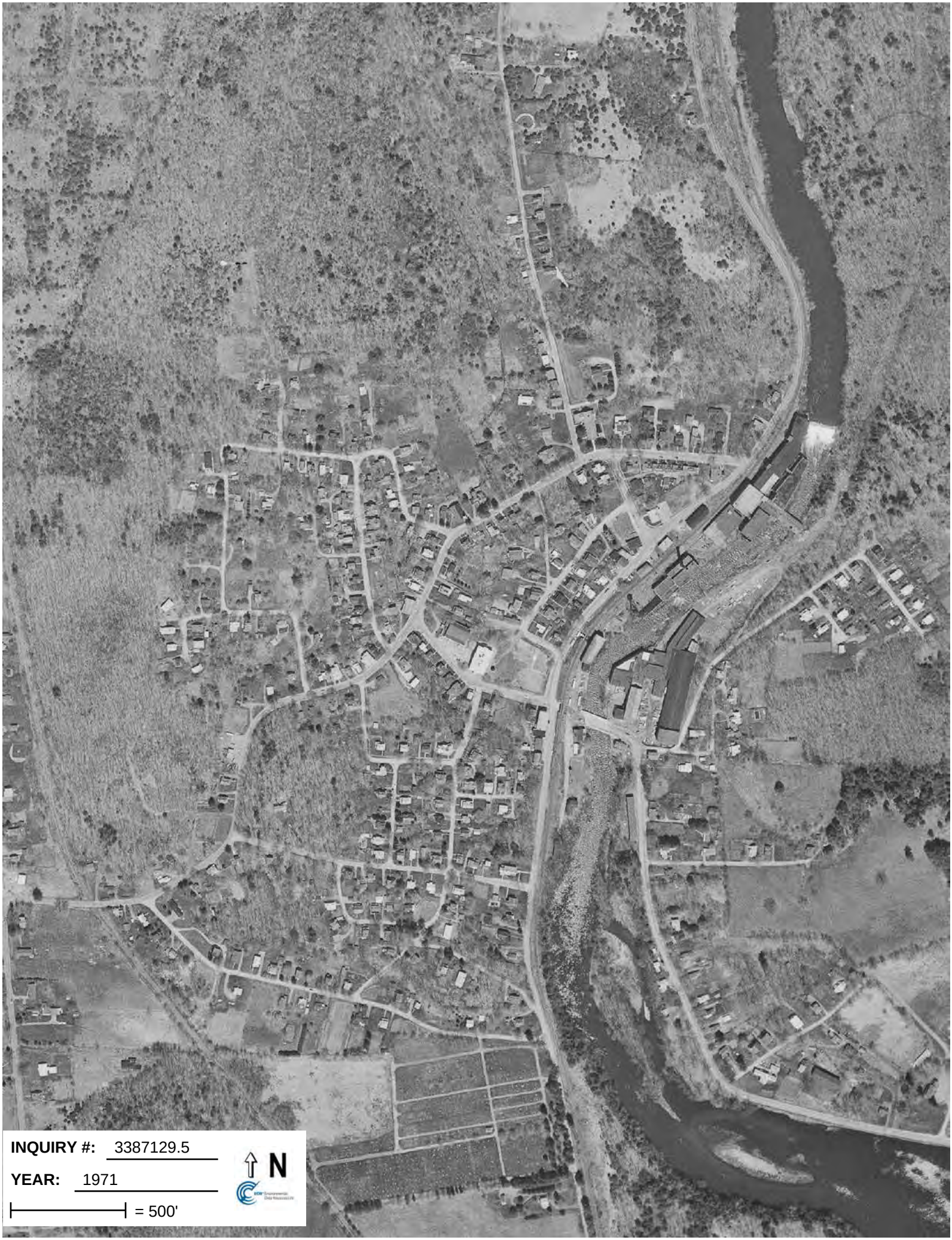
YEAR: 1944
= 500'
N

INQUIRY #: 3387129.5
YEAR: 1959
= 750'
N


INQUIRY #: 3387129.5
YEAR: 1971
= 500'
N

INQUIRY #: 3387129.5
YEAR: 1975
= 1000'
N

INQUIRY #: 3387129.5
YEAR: 1980
= 750'
N

INQUIRY #: 3387129.5
YEAR: 1982
= 1000'
N

INQUIRY #: 3387129.5
YEAR: 1991
= 750'
N

INQUIRY #: 3387129.5
YEAR: 1997
= 750'
N

INQUIRY #: 3387129.5
YEAR: 1995,1997,1998
(DOQQ)
= 500'
N

INQUIRY #: 3387129.5

YEAR: 2006

= 500'

N

INQUIRY #: 3387129.5
YEAR: 2008
= 500'
N

Former Housatonic School Building
207 Pleasant Street
Great Barrington, MA 01230

Inquiry Number: 3387129.3
August 14, 2012

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

8/14/12

Site Name:
Former Housatonic School
207 Pleasant Street
Great Barrington, MA 01230

EDR Inquiry # 3387129.3

Client Name:
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Contact: Jesse Regnier

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Tighe & Bond were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Former Housatonic School Building
Address: 207 Pleasant Street
City, State, Zip: Great Barrington, MA 01230
Cross Street:
P.O. # NA
Project: G-0581
Certification # 2792-4BEB-AA25

Maps Provided:

1961
1947
1923
1912

Sanborn® Library search results
Certification # 2792-4BEB-AA25

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1961 Source Sheets

Volume 1, Sheet 12

Volume 1, Sheet 13

1947 Source Sheets

Volume 1, Sheet 12

Volume 1, Sheet 13

1923 Source Sheets

Volume 1, Sheet 12

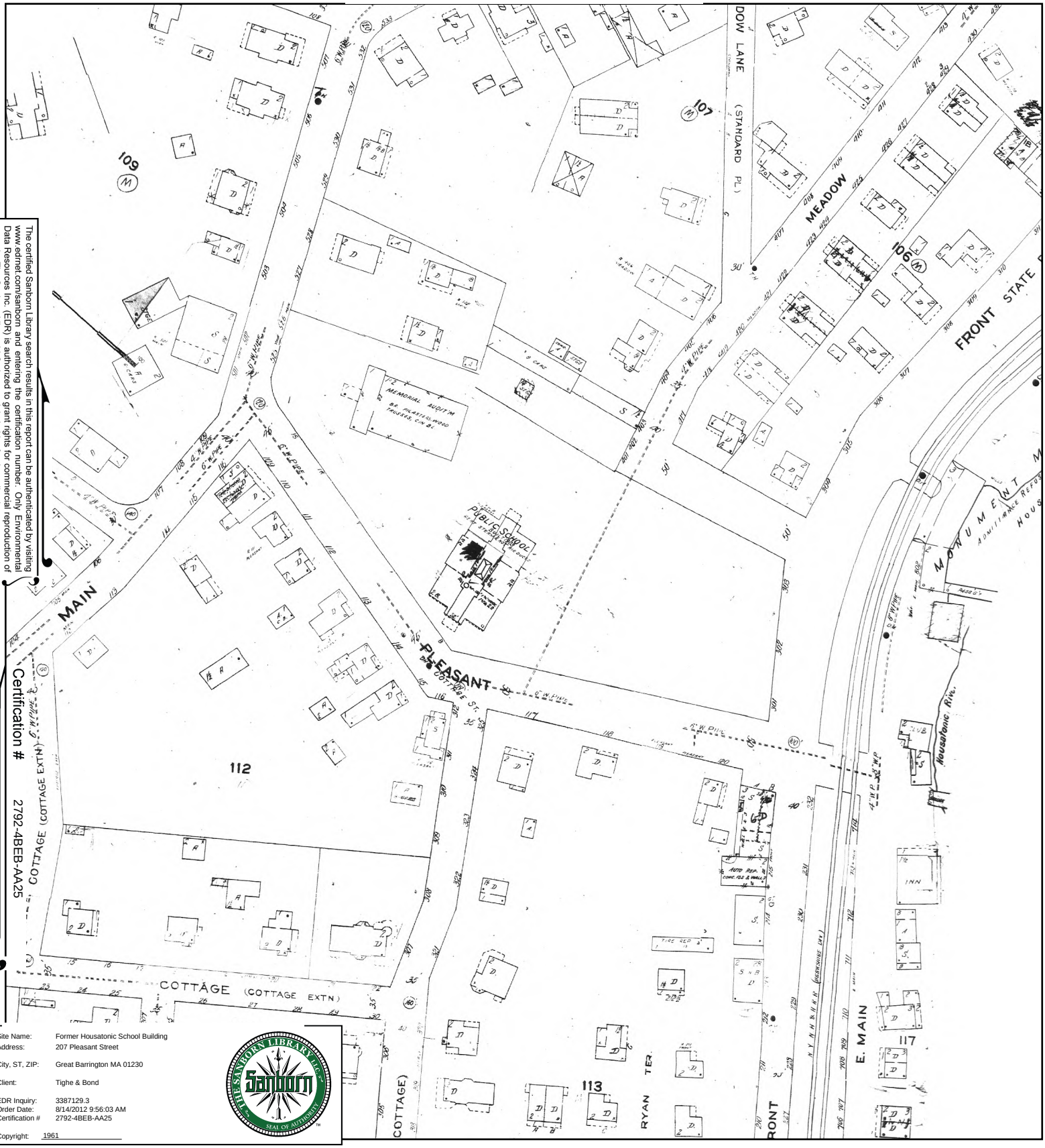
Volume 1, Sheet 13

1912 Source Sheets

Volume 1, Sheet 10

Volume 1, Sheet 11

1961 Certified Sanborn Map



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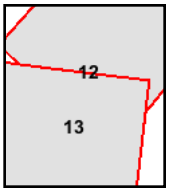
Certification # 2792-4BEB-AA25

Site Name:	Former Housatonic School Building
Address:	207 Pleasant Street
City, ST, ZIP:	Great Barrington MA 01230
Client:	Tighe & Bond
EDR Inquiry:	3387129.3
Order Date:	8/14/2012 9:56:03 AM
Certification #	2792-4BEB-AA25
Copyright:	1961

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

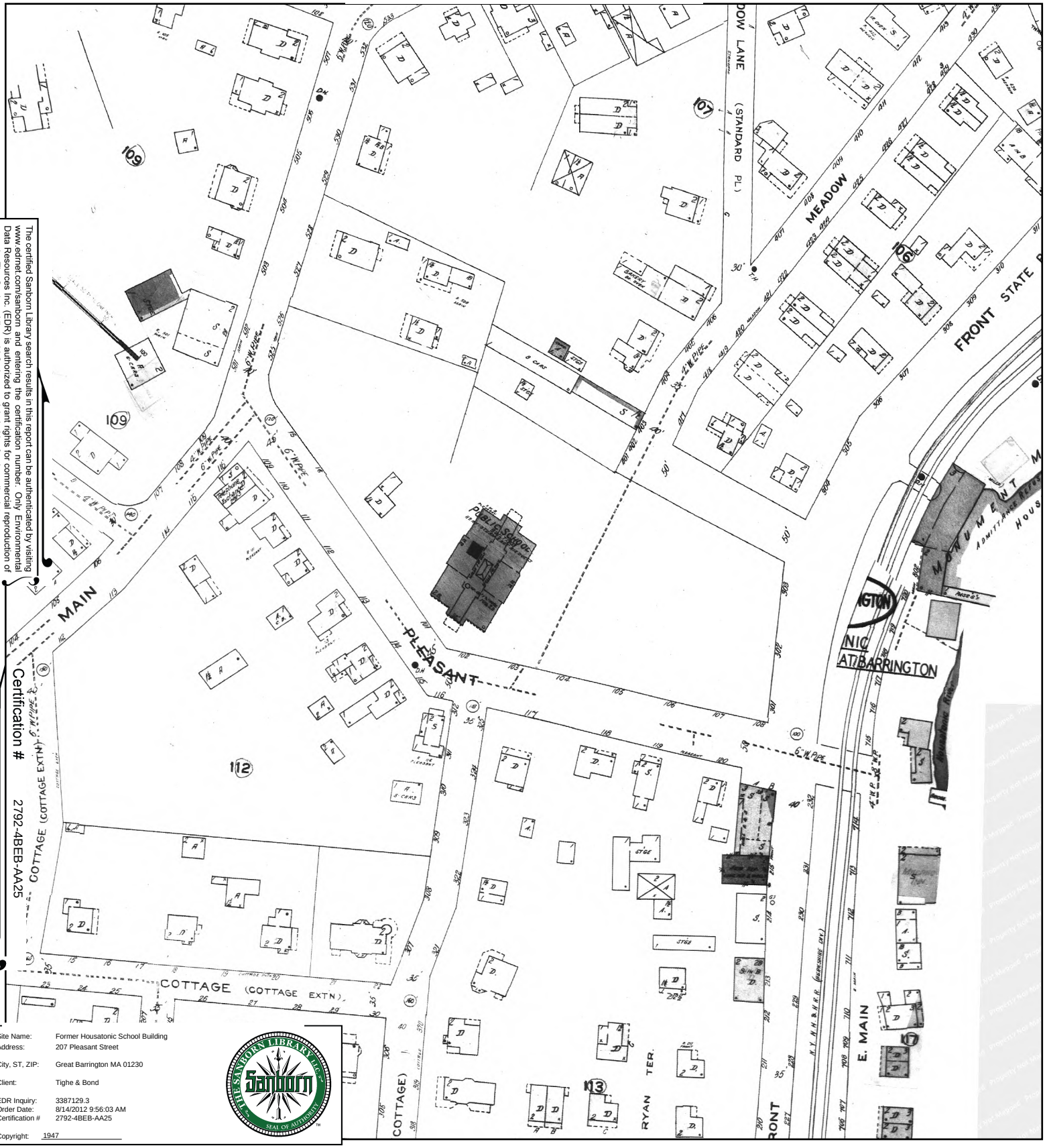
0 Feet 150 300 600



Volume 1, Sheet 12
Volume 1, Sheet 13

N

1947 Certified Sanborn Map



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City, ST, ZIP:	Great Barrington MA 01230
Client:	Tighe & Bond
EDR Inquiry:	3387129.3
Order Date:	8/14/2012 9:56:03 AM
Certification #	2792-4BEB-AA25
Copyright:	1947

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

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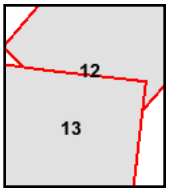
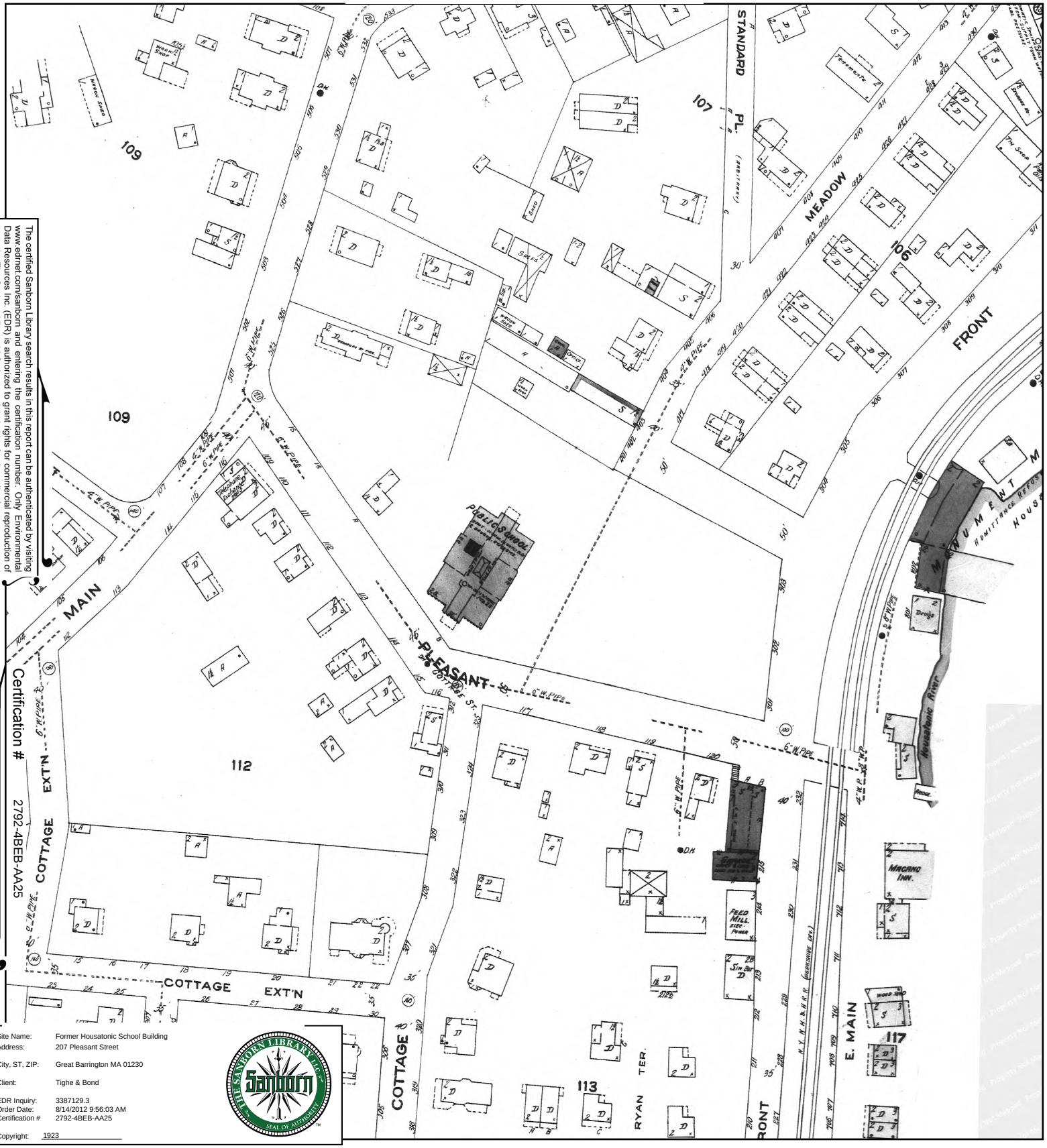


Volume 1, Sheet 12
Volume 1, Sheet 13

N

1923 Certified Sanborn Map



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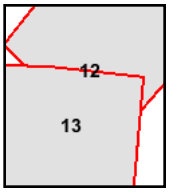
Certification # 2792-4BEB-AA25

Site Name:	Former Housatonic School Building
Address:	207 Pleasant Street
City, ST, ZIP:	Great Barrington MA 01230
Client:	Tighe & Bond
EDR Inquiry:	3387129.3
Order Date:	8/14/2012 9:56:03 AM
Certification #	2792-4BEB-AA25
Copyright:	1923

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

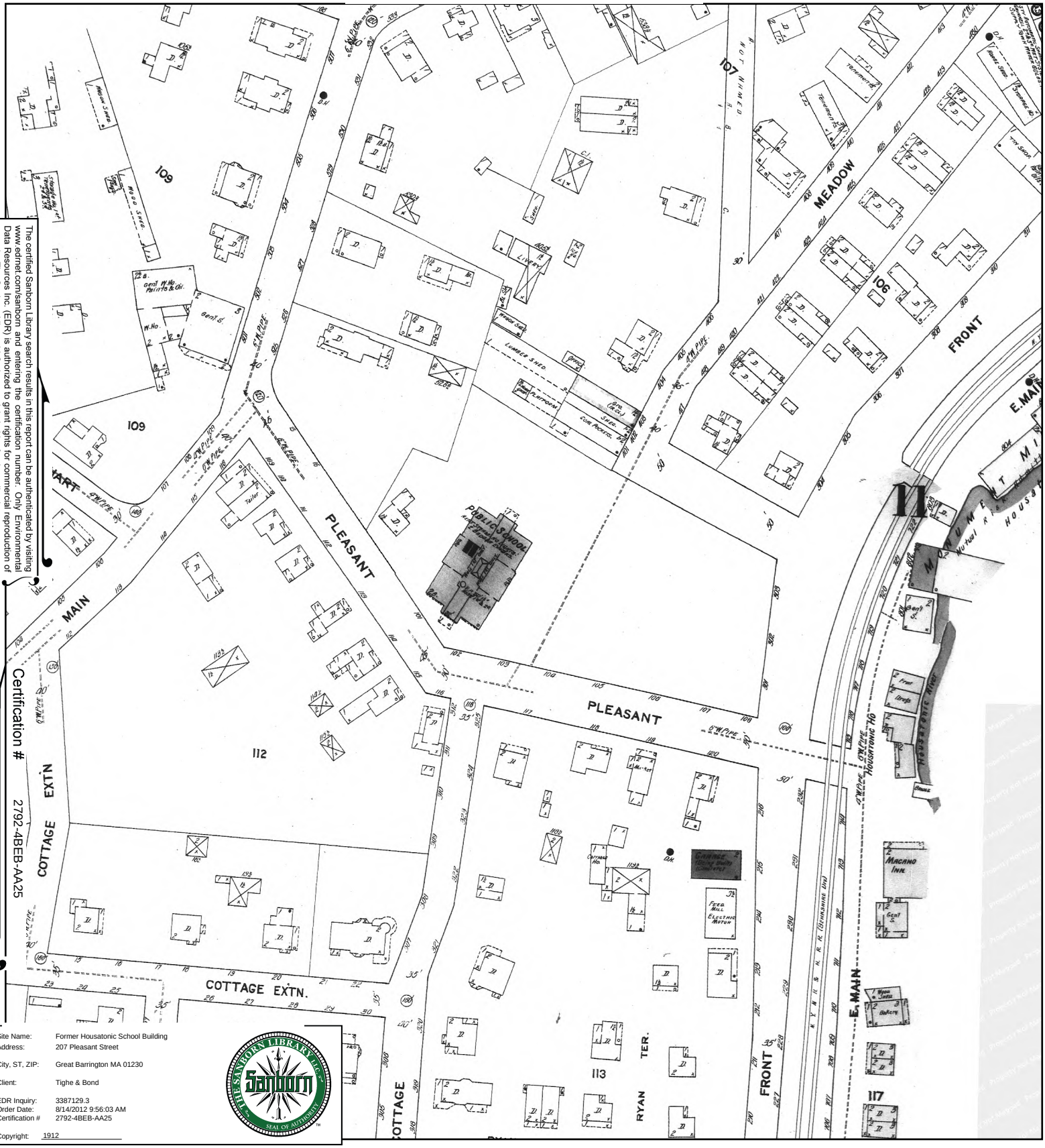
0 Feet 150 300 600



Volume 1, Sheet 12
Volume 1, Sheet 13

N

1912 Certified Sanborn Map



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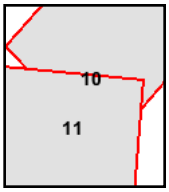
Certification # 2792-4BEB-AA25

Site Name:	Former Housatonic School Building
Address:	207 Pleasant Street
City, ST, ZIP:	Great Barrington MA 01230
Client:	Tighe & Bond
EDR Inquiry:	3387129.3
Order Date:	8/14/2012 9:56:03 AM
Certification #	2792-4BEB-AA25
Copyright:	1912

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 1, Sheet 10
Volume 1, Sheet 11

N

Former Housatonic School Building
207 Pleasant Street
Great Barrington, MA 01230

Inquiry Number: 3387129.7
09/12/2012

The EDR Environmental LienSearch™ Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

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EDR Environmental LienSearch™ Report

TARGET PROPERTY INFORMATION

ADDRESS

FORMER HOUSATONIC SCHOOL BUILDING
207 PLEASANT STREET
GREAT BARRINGTON, MA 01230

RESEARCH SOURCE

Source 1: Berkshire County

Source 2:

PROPERTY INFORMATION

Deed 1:

Type of Deed:
Title is vested in:
Title received from:
Deed Dated:
Deed Recorded:
Book:
Page:
Instrument:
Docket:
Land Record Comments:
Miscellaneous Comments:

Legal Description:

Legal Current Owner:

Property Identifiers:

Comments: Searched back to 1940. Could not find Deed or Probate filed of record.

EDR Environmental LienSearch™ Report

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☐

If found:

1st Party:
2nd Party:
Dated:
Recorded:
Book:
Page:
Instrument:
Docket:
Comments:
Miscellaneous:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found ☐ Not Found ☐

If found:

1st Party:
2nd Party:
Dated:
Recorded:
Book:
Page:
Instrument:
Docket:
Comments:
Miscellaneous:

Former Housatonic School Building
207 Pleasant Street
Great Barrington, MA 01230

Inquiry Number: 3387129.11
August 13, 2012

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Building Permit Report: Search Documentation

8/13/12

Site Name:
Former Housatonic
207 Pleasant Street
Great Barrington, MA

EDR Inquiry # 3387129.11

Client Name:
Tighe & Bond
53 Southampton Road
Westfield, MA 01085

Contact: Jesse Regnier

EDR® Environmental Data Resources Inc

Search Documentation

DATA GAP

The complete collection of Building Permit data available to EDR has been searched, and as of 8/13/12, EDR does not have access to building permits in the city where your target property is located (Great Barrington, MA).

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting 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 1527-05), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-05 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records – The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILD FAX® PROPERTY HISTORY

Former Housatonic School Building
207 Pleasant Street
Great Barrington, MA 01230

Inquiry Number: 3387129.8
August 13, 2012

The EDR Property Tax Map Report

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

NO COVERAGE

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

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Tighe&Bond

APPENDIX D

Commercial Property Record Card

PARCEL_ID:**113/001.0-0000-0165.0** MAP:**001.0** BLOCK:**0000** LOT:**0165.0** PARCEL ADDRESS:**207 PLEASANT ST NORTH** FY:**2012**

PARCEL INFORMATION

Please visit the Great Barrington Assessors Office for Owner Information

Use-Code:	**934**	Sale Price:	**0**	Book:	**99999**	Road Type:	**T**	Inspect Date:	**11/08/2005**
Tax Class:	**E**	Sale Date:	**00/00/00**	Page:	**9999**	Rd Condition:	**P**	Meas Date:	
Tot Fin Area:	**18630**	Sale Type:	**P**	Cert/Doc:		Traffic:	**M**	Entrance:	**X**
Tot Land Area:	**1.81**	Sale Valid:	**E**			Water:		Collect Id:	**KA**
		Grantor:				Sewer:		Inspect Reas:	**M**
Exempt-B/L%	**/**	Resid-B/L%	**/**	Comm-B/L%	**/**	Indust-B/L%	**/**	Open Sp-B/L%	**/**

COMMERCIAL SECTIONS/GROUPS

Section: ID: 101 Use-Code: 351

Category	Grnd-Fl-Area	Story Height	Bldg-Class	Yr-Built	Eff-Yr-Built	Cost Bldg
5	7644	2.0	C	1870	1969	1,194,900

Groups:

Id	Cd	B-FL-A	Flrs	Unt
1	351	3726	1	1
2	351	3726	1	1
3	351	7452	2	1

LAND INFORMATION

NBHD CODE: 300 NBHD CLASS: 0 ZONE: R3

Seg	Type	Code	Method	Sq-Ft	Acres	Influ-Y/N	Value	Class
1	P	903	A	0	1.810		155,913	

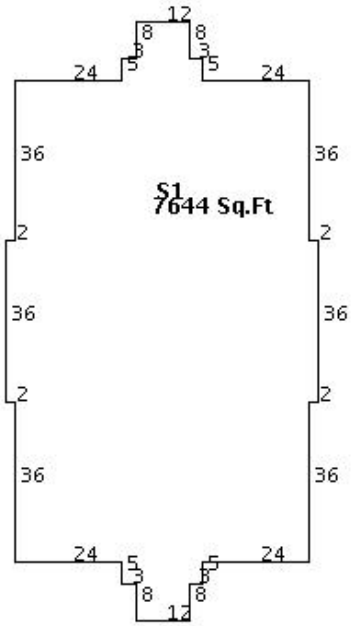
DETACHED STRUCTURE INFORMATION

Str	Unit	Msr-1	Msr-2	E-YR-Blt	Grade	Cond	%Good P/F/E/R	Cost	Class
C6	S	600	0.00	1991	A	A	50///50	2,100	3

VALUATION INFORMATION

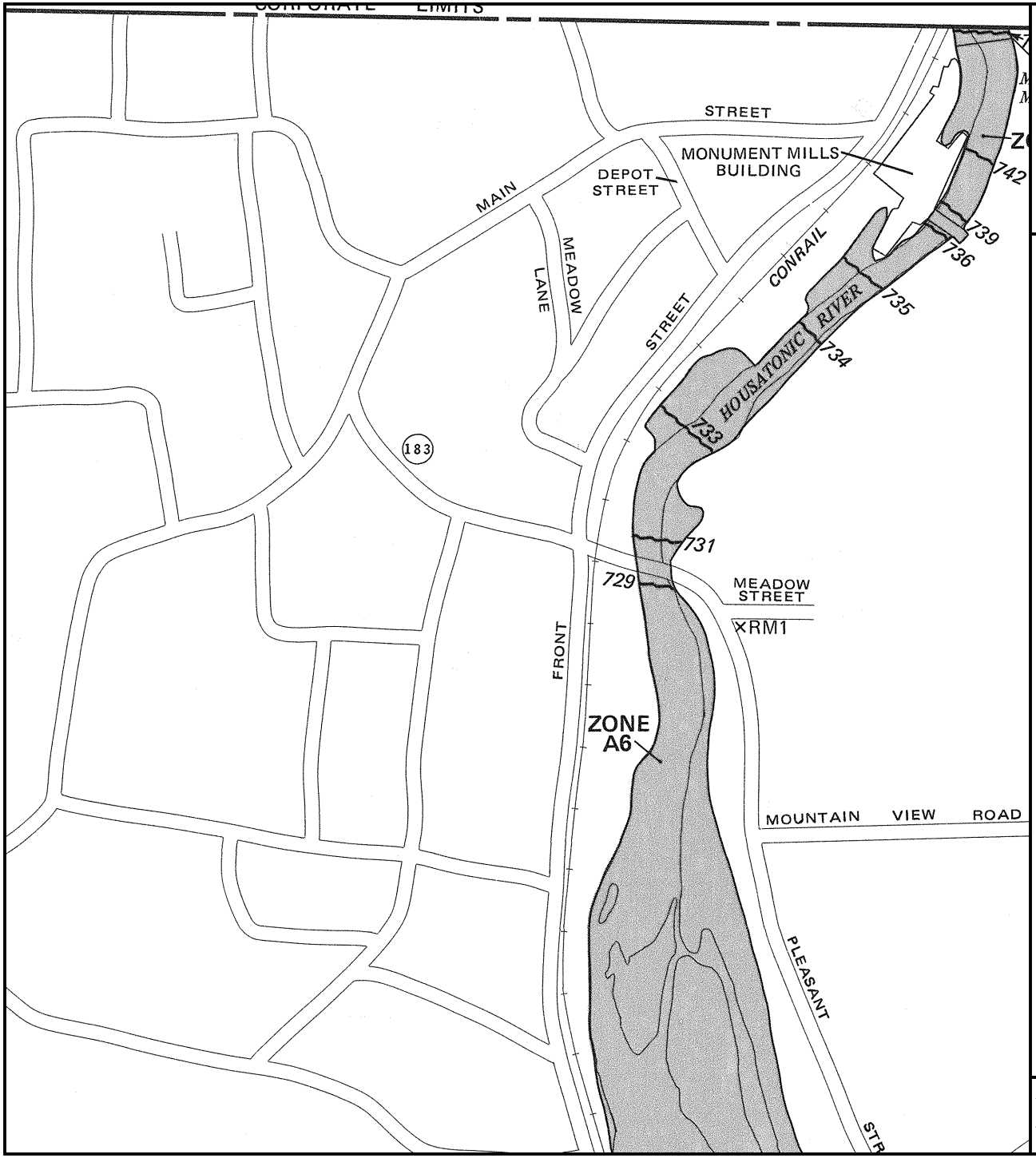
Current Total:	1,352,900	Bldg:	1,197,000	Land:	155,900	MktLnd:	155,900
Prior Total:	1,352,900	Bldg:	1,197,000	Land:	155,900	MktLnd:	155,900

SKETCH



PHOTO

207 PLEASANT ST NORTH



APPROXIMATE SCALE

400 0 400 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

TOWN OF
GREAT
BARRINGTON,
MASSACHUSETTS
BERKSHIRE COUNTY

PANEL 2 OF 20
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER
250024 0002 B

EFFECTIVE DATE:
JULY 19, 1982

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
250 Washington Street, Boston, MA 02108-4619

JANE SWIFT
GOVERNOR

ROBERT P. GITTENS
SECRETARY

HOWARD K. KOH, MD, MPH
COMMISSIONER

August 13, 2002

Danny Brown, Superintendent
Berkshire Hills Regional School District
P.O. Box 956
Stockbridge, MA 01262

207

Dear Mr. Brown:

Enclosed is a copy of the report by Mike Feeney, Director of our Emergency Response/Indoor Air Quality program on his visit to the Housatonic Grammar School to conduct an indoor air assessment. The report shows that there were problems identified. Please refer to the recommendations section for advice on how to correct these problems.

If you have any questions regarding the report or if we can be of further assistance in this matter, please feel free to call us at (617) 624-5757.

Sincerely,

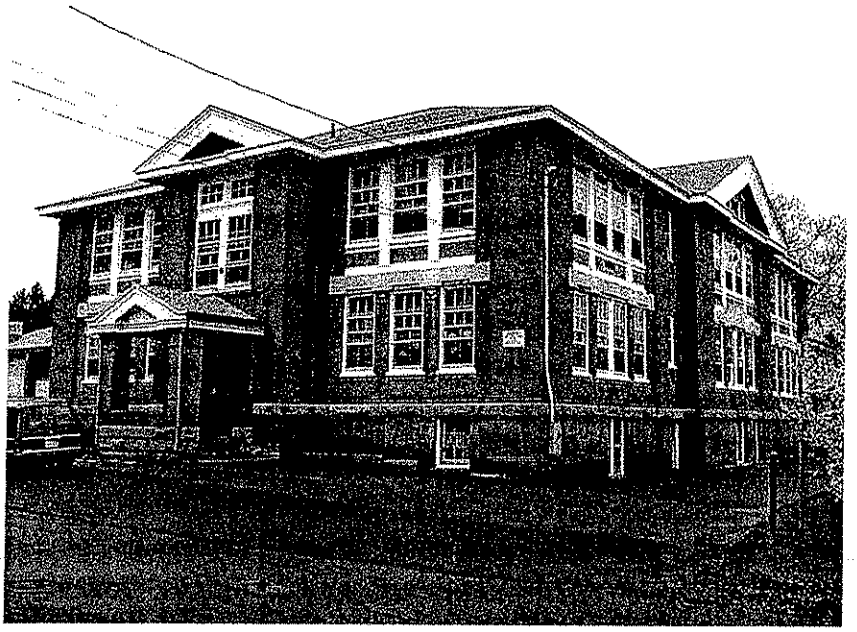
Suzanne K. Condon, Assistant Commissioner
Bureau of Environmental Health Assessment

Enclosure

cc: Mike Feeney, Director, Emergency Response/Indoor Air Quality, BEHA
Jack Komer, Director of Facilities, Berkshire Hills Regional School District
Matthew Gillis, Business Administrator, Berkshire Hills Regional School District
Gloria Greaves, Principal, Housatonic Grammar School
Head Custodian, Housatonic Grammar School
Judy Dean, American Lung Association of Western Massachusetts
Sandra Martin, Health Agent, Great Barrington Board of Health
Senator Andrea F. Nuciforo, Jr.
Representative Christopher J. Hodgkins

INDOOR AIR QUALITY REASSESSMENT

Housatonic Grammar School
Berkshire Hills Regional School District
Pleasant Street
Housatonic, Great Barrington, Massachusetts



Prepared by:
Massachusetts Department of Public Health
Bureau of Environmental Health Assessment
August 2002

Background/Introduction

At the request of Daniel Brown, Superintendent of the Berkshire Regional School District, the Massachusetts Department of Public Health (MDPH), Bureau of Environmental Health Assessment (BEHA), provided assistance and consultation regarding indoor air quality concerns at the Housatonic Grammar School (HGS), Pleasant Street, Great Barrington, Massachusetts. Concerns about poor indoor air quality (IAQ) and increases in symptoms suspected of being associated with IAQ prompted this report. On May 2, 2002, the school was visited by Michael Feeney, Director of Emergency Response/Indoor Air Quality (ER/IAQ), BEHA, to conduct an indoor air assessment. Mr. Feeney was accompanied by Judy Dean of the American Lung Association of Western Massachusetts.

The school is a red brick two-story building built in 1904. The building was renovated approximately 20 years ago, which subdivided the basement and updated the ventilation system. The school contains general classrooms, library, gymnasium/ cafeteria, and various offices. Classroom windows are openable.

Two private consultants have conducted indoor air quality assessments within this school. An evaluation conducted by Eco-Genesis Corp (EGC) in 1992 made the following recommendations:

1. Increase fresh air supply to 20 cubic feet per minute (cfm) per person.
2. Ensure ventilation system operation pursuant to the American Society of Heating, Ventilating and Air-conditioning Engineers (ASHRAE) standards 62-1989 concerning ventilation and standard 55-1981 for Thermal Conditions for Human Occupancies (ASHRAE, 1989).
3. Unblock unit ventilators (univents) in classrooms.
4. Replace water damaged ceiling tiles.

5. Professionally clean and disinfect exterior intakes and ducts.
6. Restrict parking on west side of building.
7. Clean classrooms, including stored items (EGC, 1992).

O'Reilly, Talbot & Okun Associates (OTO), another consultant conducted a follow up evaluation in 2002. Air monitoring conducted by this consultant concluded, "[b]ased on the…indoor air quality survey methodology and parameters as compared to national consensus standards, air quality was found to be acceptable throughout the Housatonic Elementary School (OTO, 2002).

Methods

Air tests for carbon dioxide, temperature and relative humidity were taken with the TSI, Q-Trak, IAQ Monitor, Model 8551. Water content of gypsum wallboard (GW) was measured with a Delmhorst, BD-2000 Model, Moisture Detector with a Delmhorst Standard Probe.

Results

This school has a student population of 86 and a staff of approximately 27. Tests were taken during normal operations at the school. Test results appear in Tables 1-3.

Discussion

Ventilation

It can be seen from the tables that carbon dioxide levels were elevated above 800 ppm (parts per million) in four out of nineteen areas surveyed, which indicates adequate airflow in most areas of the school.

Fresh air in classrooms throughout the building is provided by unit ventilators (univents) (see Figure 1, Picture 1). Univents draw air from outdoors through a fresh air intake located on the exterior walls of the building and return air through an air intake located at the base of each unit. The mixture of fresh and return air is drawn through a filter and heating coil and is then provided to the classroom from the univent by motorized fans through a fresh air diffuser on the top of the unit. Univents were obstructed and/or deactivated in a number of areas. To function as designed, univent diffusers and returns must remain free of obstructions. Importantly, these units must be activated and allowed to operate.

The renovations appear to have added a mechanical ventilation system to the building and that the building was originally equipped with a natural gravity exhaust ventilation system (see Picture 2, date unknown). The roof vents were removed and sealed (see Pictures 3 and 4). An exhaust vent was installed in the east and west gables on each side of the building (see Picture 5). Exhaust vents in classrooms are installed in the original wall openings for the natural gravity system. Room 2 was reportedly a focus of indoor air quality concerns. The exhaust ventilation system in this classroom was blocked with a desk, which inhibits airflow to the vent. Without exhaust ventilation, normally occurring indoor pollutants can build up within a classroom and lead to air quality complaints.

During the summer months, ventilation is reportedly supplemented by the use of openable windows in classrooms. The building was designed to use cross-ventilation to provide comfort for building occupants. It is equipped with windows on opposing exterior walls. In addition, the building has hinged windows located above the hallway doors. This hinged window (called a transom) enables the classroom occupant to close the hallway door while maintaining a pathway for airflow. This design allows for airflow to enter an open window, pass through a classroom, pass through the open transom, enter the hallway, pass through the opposing open classroom transom, into the opposing classroom and exit the

building on the leeward side (opposite the windward side) (see Figure 2). With all windows and transoms open, airflow can be maintained in a building regardless of the direction of the wind. This system fails if the windows or transoms are closed (see Figure 3). Each classroom would have a long pole with a hook that was used to open the hoop latch that locks the transom closed. Most transoms in the 1919 building were closed during the assessment, which can inhibit airflow in the summer.

To maximize air exchange, the BEHA recommends that both supply and exhaust ventilation operate continuously during periods of school occupancy. In order to have proper ventilation with a univent and exhaust system, these systems must also be balanced to provide an adequate amount of fresh air to the interior of a room while removing stale air from the room. The date of the last balancing of these systems was not available at the time of the assessment. It is recommended that existing ventilation systems be re-balanced every five years to ensure adequate air systems function (SMACNA, 1994).

The Massachusetts Building Code requires a minimum ventilation rate of 15 cubic feet per minute (cfm) per occupant of fresh outside air or have openable windows in each room (SBBRS, 1997; BOCA, 1993). The ventilation must be on at all times that the room is occupied. Providing adequate fresh air ventilation with open windows and maintaining the temperature in the comfort range during the cold weather season is impractical. Mechanical ventilation is usually required to provide adequate fresh air ventilation.

Carbon dioxide is not a problem in and of itself. It is used as an indicator of the adequacy of the fresh air ventilation. As carbon dioxide levels rise, it indicates that the ventilating system is malfunctioning or the design occupancy of the room is being exceeded. When this happens a buildup of common indoor air pollutants can occur, leading to discomfort or health complaints. The Occupational Safety and Health Administration (OSHA) standard for carbon dioxide is 5,000 parts per million parts of air (ppm). Workers

may be exposed to this level for 40 hours/week based on a time-weighted average (OSHA, 1997).

The Department of Public Health uses a guideline of 800 ppm for publicly occupied buildings. A guideline of 600 ppm or less is preferred in schools due to the fact that the majority of occupants are young and considered to be a more sensitive population in the evaluation of environmental health status. Inadequate ventilation and/or elevated temperatures are major causes of complaints such as respiratory, eye, nose and throat irritation, lethargy and headaches. For more information concerning carbon dioxide, please see Appendix I.

The BEHA recommends that indoor air temperatures be maintained in a range of 70 °F to 78 °F in order to provide for the comfort of building occupants. Temperature readings ranged from 67° F to 72° F, which were below the BEHA recommended range in some areas (see Tables). In many cases concerning indoor air quality, fluctuations of temperature in occupied spaces are typically experienced, even in a building with an adequate fresh air supply.

The relative humidity in the building ranged from 34 to 41 percent, which was below the BEHA recommended comfort range in most areas. The BEHA recommends a comfort range of 40 to 60 percent for indoor air relative humidity. Relative humidity levels in the building would be expected to drop during the winter months due to heating. The sensation of dryness and irritation is common in a low relative humidity environment. Low relative humidity is a common problem during the heating season in the northeast part of the United States.

Microbial/Moisture Concerns

Building occupants reported that visible mold growth had occurred in interior wall materials covering foundation walls in the basement, particularly a section of wall covered with Mylar® (see Picture 6). Mylar® is a plastic material that is water impermeable. If the underlying wall materials were to become moistened, the Mylar® would prevent water evaporation, which may result in the production of microbial growth.

Moisture readings of GW were taken by BEHA staff to determine moisture content of building materials. A minimum of three measurements (one beneath the window, one in an adjoining wall between classrooms and one in the hallway wall) were taken in the art room and adjoining basement areas. Moisture readings are listed in the Tables, listing the lowest normal percentage moisture concentration reading and the highest normal percentage moisture concentration reading. Moisture content of GW were within the normal range (0.1 to 0.2 percent) in all areas except for the art room.

The exterior wall along the foundation in the art room had GW with moisture content measurements over $\geq$0.6 percent, which suggests dampening by a water source. Please note that moisture content of GW measured is a real time measurement of the conditions present in the building on May 2, 2002. Moisture content may increase or decrease dependent on building and weather conditions.

The American Conference of Governmental Industrial Hygienists (ACGIH) recommends that porous materials be dried with fans and heating within 24 hours of becoming wet (ACGIH, 1989). If porous materials are not dried within this time frame, mold growth may occur. Once mold growth has occurred, disinfection is likely to be ineffective. Please note that the only reliable methods of determining the presence of mold growth in GW are either wipe or bulk samples for analysis by an analytical laboratory experienced in microbiology.

Moisture sources in the indoor environment can originate from several sources. One possible source of moisture in GW may be classroom univents. This does not appear likely since GW is not located near the fresh air supply for the art room univent. GW near univents had moisture content readings within the normal range. The absence of water damaged plaster as well as decreased moisture content in GW in hallway and adjoining walls appears to eliminate moisture sources from plumbing or HVAC system chilled-water pipes. With the location of increased moisture content along the foundation wall, water penetration from rain through the curtain wall/drainage plane and/or inadequate rainwater drainage appear to be the most likely sources.

The HGS was evaluated during a rainstorm. The exterior wall and the tarmac joints were moistened at a height of one foot around the base of the building (see Picture 7). Some areas have moss growing at the base of the exterior wall (see Picture 8). Moss requires a significant source of moisture to exist. Moistening brick, mortar and window frames at the base of the building can lead to water penetration into basement areas, wetting building materials (e.g. GW). The wetting of exterior brick is due to the lack of gutters and downspouts (see Picture 9). The gutter and downspout system was reported by school personnel to have been removed due to the development of ice dams on the roof. Ice dams occur when snow in contact with the roof melts, forming water in the upper section of the roof, which is then refrozen on the lower portion of the roof to form ice. The source of the heat is from the roof that is incidentally heated by air escaping from the occupied spaces. The snow on the upper part of the roof melts, heated by air escaping. As water moves down sections of the roof below 32° F the water freezes forming ice and creating a dam that traps and holds water against the roof shingles. Pooling water can then penetrate through cracks and crevices in roof materials, resulting in wetting of interior building materials.

In order to prevent ice dams, a combination of methods can be used. The floor of the attic space should be insulated to prevent air movement and heat loss from the occupied space. Ridge vents (installed along the roof ridge) can be installed to allow for free exhaust of heat from the attic space. Soffit vents (located beneath the eave in the roof) provide a source of cold outdoor air to replace the heated air that escapes through the ridge vent. This configuration allows for heat to escape so that the attic space has a temperature that is roughly equal to the outdoor temperature, so that the roof materials do not melt snow in contact with the roof. If attic insulation is inadequate, or if ridge and/or soffit vents are sealed, then heat can accumulate in the roof peak and start the ice dam creation cycle.

School staff report that the ductwork for the exhaust ventilation system in this school is not insulated. As air is exhausted through the ductwork, the metal ductwork becomes heated and can then raise the temperature inside the roof. In addition, no soffit or ridge vents could be identified to create roof space ventilation.

Another confounding problem is moistened insulation from ice dams within the attic space. The ability of insulation to prevent temperature transfer is decreased if the material becomes moistened. This loss of temperature transfer prevention can result in more heat transfer into the attic space, creating larger ice dams and more water penetration. Water damaged ceiling plaster was seen on the second floor, which indicates water leaks through the roof/attic space.

Other rainwater drainage conditions are also adversely affecting the building envelope. The western wall has roofs installed over exterior doors (see Picture 10). Rainwater striking these roofs can be directed toward the window frame above the roof, resulting in water penetration and subsequent damage.

The window frame lintel in room 2 appears to have been replaced. An examination of the area below the window found a stone slab with a vertical crack (see Picture 11). The

existence of a vertical crack below the window may indicate some shifting in the exterior brickwork, which may create seams around the window allowing for moisture to penetrate into the interior, resulting in water damage to the window frame.

Several classrooms contained a number of plants that are located over univent fresh air diffusers. Plant soil, standing water and drip pans can be potential sources of mold growth. Drip pans should be inspected periodically for mold growth and over-watering should be avoided.

Other Concerns

The interiors of univents in the original building were spot-checked. Walls in which univents are installed have spaces and holes within the air handling cabinet (see Pictures 12 and 13). Of note is the heavy accumulation of dust around the edges of each hole, indicating unfiltered air passage. The existence of these holes allows for air to by-pass the installed filters, resulting in aerosolization of materials (e.g. dust) from the classrooms. In addition, spaces exist around heating pipes that penetrate through the floor. Spaces of this nature can result in the univent drawing air and debris from the wall cavity or crawl space and distributing these materials to the interior of the building.

Univents were equipped with metal racks, into which filter materials are cut to fit (see Picture 14). The material used for filter media in these metal racks provides minimal filtration of respirable particulates that can be distributed by univents. In order to decrease aerosolized particulates, disposable filters with an increased dust spot efficiency can be installed. The dust spot efficiency is the ability of a filter to remove particulates of a certain diameter from air passing through the filter. Filters that have been determined by ASHRAE to meet its standard for a dust spot efficiency of a minimum of 40 percent (Minimum Efficiency Reporting Value equal to 9) would be sufficient to reduce many airborne

particulates (Thornburg, D., 2000; MEHRC, 1997; ASHRAE, 1992). Note that increasing filtration can reduce airflow (called pressure drop) which can reduce the efficiency of the univents due to increased resistance. Prior to any increase of filtration, each univent should be evaluated by a ventilation engineer to ascertain whether it can maintain function with more efficient filters.

Of note is the use of different products containing volatile organic compounds (VOCs) in the building, (e.g., permanent markers and dry erase markers). Materials such as dry erase markers and dry erase board cleaners contain VOCs, (e.g., methyl isobutyl ketone, n-butyl acetate and butyl-cellusolve) (Sanford, 1999), and can be irritating to the eyes, nose and throat. Under the Labeling of Hazardous Art Materials Act (LHAMA), art supplies containing hazardous materials that can cause chronic health effects must be labeled as required by federal law (USC, 1988). The use of art supplies containing hazardous materials that can cause chronic health effects should be limited to times when students are not present and only when adequate exhaust ventilation is available.

A number of classrooms contained upholstered furniture. If relative humidity levels increase above 60 percent, dust mites tend to proliferate (US EPA, 1992). In order to remove dust mites and other pollutants, frequent vacuuming of upholstered furniture is recommended (Berry, M.A., 1994). It is also recommended that upholstered furniture (if present in schools), be professionally cleaned on an annual basis or every six months if dusty conditions exist outdoors (IICR, 2000).

The basement of the building contains a floor drain that appears to have a dry trap, which can allow for sewer gas to back up into the building. Sewer gas can be irritating to the eyes, nose and throat.

Also of note was the amount of materials stored inside classrooms. In classrooms throughout the school, items were seen piled on windowsills, tabletops, counters, bookcases

and desks. The large amount of items stored in classrooms provides a means for dusts, dirt and other potential respiratory irritants to accumulate. These items, (e.g., papers, folders, boxes, etc.) make it difficult for custodial staff to clean around these areas. Dust can be irritating to the eyes, nose and respiratory tract. These items should be relocated and/or cleaned periodically to avoid excessive dust build up.

Exposed fiberglass from missing/damaged ceiling tiles was noted in the library and teacher's room. Missing/damaged ceiling tiles can provide pathways for the movement of drafts, dusts, odors and particulate matter between rooms and floors. Aerosolized dust, particulates and fiberglass can provide sources of eye, skin and respiratory irritation to certain individuals. In addition, these materials can accumulate on flat surfaces (e.g., desktops, shelving, and carpets) in occupied areas and subsequently be re-aerosolized causing further irritation.

Conclusions/Recommendations

There appear to be several conditions that may adversely effect the indoor environment that involve the school's ventilation system including means for particulates being entrained by the HVAC system and distributed through the building. Inefficient filtration within univents can result in particulate entrainment. In addition, conditions indicate the possibility of water penetration moistening building materials. For these reasons a two-phase remedial approach is required, consisting of **short-term** measures to improve air quality and **long-term** measures that will require planning and resources to adequately address the overall indoor air quality concerns within the building. Removal of possible mold contaminated GW requires special care. Recommendation concerning removal of mold contaminated materials are included under the heading **Renovations**.

In view of the findings at the time of the inspection, the following **short-term** recommendations are made:

1. Clean accumulated particulates from the air handling and control cabinets of each univent.
2. Seal all holes in the walls of the univent air handling cabinets to limit filter bypass.
3. Seal wall and pipe floor holes within univent casing.
4. Remove water damaged GW from art room. Recommendations concerning this operation are included under the subsection **Renovations** on page 17.
5. Remove materials blocking the univent fresh air diffusers and/or return vents. Univents must remain clear of obstructions in order for the equipment to function properly.
6. In order to improve indoor air quality, an increase in the percentage of fresh air supply into the univent system may be necessary. Survey classrooms for univent function to ascertain if an adequate air supply exists for each room.
7. To maximize air exchange, the BEHA recommends that the ventilation system operate continuously during periods of school occupancy independent of classroom thermostat control.
8. Clear a three-foot space around all exhaust vents where feasible and reduce stored materials such that airflow is not impeded.
9. Once both the fresh air supply and the exhaust ventilation are functioning, the ventilation system should be balanced.
10. Replace the metal racks with disposable filters. Consider increasing the dust-spot efficiency of HVAC filters.
11. Examine insulation in attic. Replace water damaged sections of insulation, if present.

12. Replace any remaining water-stained wall plaster. Examine the area above and around these areas for mold growth. Disinfect areas of water leaks with an appropriate antimicrobial.

13. For buildings in New England, periods of low relative humidity during the winter are often unavoidable. Therefore, scrupulous cleaning practices should be adopted to minimize common indoor air contaminants whose irritant effects can be enhanced when the relative humidity is low. To control for dusts, a HEPA filter equipped vacuum cleaner in conjunction with wet wiping of all surfaces is recommended. Drinking water during the day can help ease some symptoms associated with a dry environment (throat and sinus irritations).

14. Relocate or consider reducing the amount of materials stored in classrooms to allow for more thorough cleaning. Clean items regularly with a wet cloth or sponge to prevent excessive dust build-up.

15. Consider replacing art and school supplies containing materials that require labeling under LHAMA with water-based materials to reduce VOCs in classrooms.

16. Acquire current Material Safety Data Sheets for all products that contain hazardous materials and are used within the building, including office supplies, in conformance with the Massachusetts Right-To-Know Law, M.G.L. c. 111F (MGL, 1983).

17. Clean upholstered furniture on the schedule recommended in this report. If not possible/practical, remove upholstered furniture from classrooms.

18. Remove plants from the air stream of univent air diffusers. Ensure all plants are equipped with drip pans. Examine drip pans periodically for mold growth and disinfect with an appropriate antimicrobial where necessary. Consider reducing the number of plants.

19. Replace missing/damaged ceiling tiles in the library and teacher's room.

Long Term Recommendation

1. Reinstall gutters along the eaves of all roofs.
2. Examine the feasibility of insulating the exterior of exhaust vent ductwork and motors to decrease heat transmission into the attic space.
3. Consider sealing the skylights in the attic to prevent heat transmission into the attic from solar gain.
4. Examine the feasibility of installing a passive ventilation system (e.g., soffit and ridge vents) in the attic to decrease temperature differentiation in the roof to prevent the future development of ice dams.
5. Examine the junction between the small roofs over exterior doors and the exterior wall for adequacy of flashing and pitch to prevent water penetration into adjacent window frames. If damaged, examine options for improving flashing and pitch.
6. Have a building engineer examine the cracked stone in the exterior wall of room 2 for structural integrity.

Renovations

The following recommendations are made if the building must be occupied during renovations.

1. Establish communications between all parties involved with building renovations to prevent potential IAQ problems. Develop a forum for occupants to express concerns about renovations as well as a program to resolve IAQ issues.
2. Develop a notification system for building occupants immediately adjacent to construction activities to report construction/renovation-related odors and/or dust(s) problems to the building administrator. Have these concerns relayed to the contractor in a manner to allow for a timely remediation of the problem.

3. When possible, schedule projects which produce large amounts of dusts, odors and emissions during unoccupied periods or periods of low occupancy.
4. Disseminate scheduling itinerary to all affected parties. This can be done in the form of meetings, newsletters or weekly bulletins.
5. Deactivate univents in rooms during GW removal. Use local exhaust ventilation and isolation techniques to control for renovation pollutants. Precautions should be taken to avoid the re-entrainment of these materials into the school's HVAC system. The design of each system must be assessed to determine how it may be impacted by renovation activities. Specific HVAC protection requirements pertain to the return, central filtration and supply components of the ventilation system. This may entail shutting down systems (when possible) during periods of heavy construction and demolition, ensuring systems are isolated from contaminated environments, sealing ventilation openings with plastic and utilizing filters with a higher dust spot efficiency where needed (SMACNA, 1995).
6. Obtain Material Safety Data Sheets (MSDS') for all construction materials used during renovations and keep them in an area that is accessible to all individuals during periods of building operations as required by the Massachusetts Right-To-Know Act (MGL, 1983).
7. Consult MSDS' for any material applied to the effected area during renovation(s) including any sealant, carpet adhesive, tile mastic, flooring and/or roofing materials. Provide proper ventilation and allow sufficient curing time as per the manufacturer's instructions concerning these materials.
8. Seal utility holes, spaces in floor decking and temporary walls to eliminate pollutant paths of migration. Seal holes created by missing tiles in ceiling temporarily to prevent renovation pollutant migration.

9. If possible, relocate susceptible persons and those with pre-existing medical conditions (e.g., hypersensitivity, asthma) away from areas of renovations.
10. Implement prudent housekeeping and work site practices to minimize exposure to renovation pollutants. This may include constructing barriers, sealing off areas, and temporarily relocating furniture and supplies. To control for dusts, a high efficiency particulate arrestance (HEPA) filter equipped vacuum cleaner in conjunction with wet wiping of all surfaces is recommended.
11. Consider changing univent filters more regularly in areas impacted by renovation activities. Examine the feasibility of acquiring more efficient filters for these units.
12. Dispose of contaminated materials in a manner to prevent cross contamination in other sections of the building (US EPA, 2001).
13. Once GW is removed, determine the source of moisture and remediate prior to installation of new GW.

MAXYMILLIAN Technologies

1801 EAST STREET
PITTSFIELD, MA 01201
413 499-0050
FAX 413 443-0511

August 17, 2001

Mr. Jack Komer
Director of Operations
Berkshire Hills Regional School District
50 Main Street
Stockbridge, Massachusetts 01262

Re: #2 Heating Oil Storage Tank Removal
Housatonic School
Housatonic, Massachusetts

Dear Mr. Kormer:

On August 15, 2001, a representative of Maxymillian Technologies, Inc. (MT) was at the above referenced site to witness the removal of a 10,000-gallon underground #2 heating oil storage tank and to assess soil conditions within the tank grave.

Miller Petroleum Systems, Inc., Pittsfield, Massachusetts had been retained by the School District to remove the tank. Following the tanks removal, soil samples were collected from the sidewalls and base of the tank grave and jar headspace screened using a Thermo Environmental Instruments, Inc. Organic Vapor Meter (OVM)/Data Logger outfitted with a 10.6eV lamp. Readings of 1 to 4 parts per million by volume (ppmv) were recorded. These readings are considered to be within background (0 to 10 ppmv).

Based on the observed site conditions and screening results, no apparent release of #2 heating oil has occurred on-site.

Should you have any questions and/or concerns, please do not hesitate to contact me.

Very truly yours,

MAXYMILLIAN TECHNOLOGIES, INC.

Robert F. MacLean
Licensed Site Professional

cc: File

Department of Fire Services – Board of Fire Prevention

APPLICATION and PERMIT

Fee: 10.00

for storage tank removal and transportation to approved tank disposal yard in accordance with the provisions of M.G.L. Chapter 148, Section 38A, 527 CMR 9.00, application is hereby made by:

Tank Owner

Tank Owner Name (please print) BHRSD x

Address HOUSATONIC ELEMENTRY SCHOOL PLEASANT STREET GT. BARRINGTON MA

Contractor Information

Company Name MILLER'S PETROLEUM SYSTEMS

Address 875 CRANE AVENUE PITTS MA

Signature (if applying for permit)

☐ IFCI Certified Other

Tank Removal Contractor

Co. or Individual J.H. maxwell

Address 1801 EAST PITTS. MA.

Signature (if applying for permit)

☐ IFCI Certified GFCSP # 5367 Other

Tank Information

Tank Location PLEASANT STREET HOUSATONIC/ GREAT BARRINGTON MA

Tank Capacity (gallons) 10,000 Substance Last Stored #2 Fuel

Tank Dimensions (diameter x length) 8' x 26'

Remarks:

Disposal Information

Firm transporting waste N/A State Lic. #

Hazardous waste manifest# N/A E.P.A. #

Approved tank disposal yard MASS TANK YARD Tank yard # 006

Type of inert gas NITROGEN Tank yard address 99 BASKIN DRIVE CHICOPEE ,MA

Approvals

City or Town GREAT BARRINGTON FDID# 03113 Permit# 081501

Date of issue August 15, 2001 Date of expiration August 16, 2001

Dig safe approval number: 20013009055

Dig Safe Toll Free Tel. Number - 800-322-4844

Signature / Title of Officer granting permit Harry T. Jr. Chief

After removal(s) send Form FP-290R signed by Local Fire Dept. to UST Regulatory Compliance Unit, One Ashburton Place, Room 1310, Boston, MA 02108-1618.

Tighe&Bond

APPENDIX E

Tighe&Bond | **PHOTOGRAPHIC LOG**

Client Name: Town of Great Barrington	**Site Location:** 207 Pleasant Street, Village of Housatonic, Great Barrington, MA	**Project No.** G-581

Photo No. 1	**Date:** 8-28-12

Description:

East side of site building from the southeast.

Tighe&Bond | **PHOTOGRAPHIC LOG**

Client Name: Town of Great Barrington	**Site Location:** 207 Pleasant Street, Village of Housatonic, Great Barrington, MA	**Project No.** G-581

Photo No. 2	**Date:** 8-28-12

Description:

West side of site building from the west.

Tighe&Bond | **PHOTOGRAPHIC LOG**

Client Name: Town of Great Barrington	**Site Location:** 207 Pleasant Street, Village of Housatonic, Great Barrington, MA	**Project No.** G-581

Photo No. 3

Date: 8-28-12

Description:

Playground area on eastern parcel of subject property from the west.

Tighe&Bond | **PHOTOGRAPHIC LOG**

Client Name: Town of Great Barrington	**Site Location:** 207 Pleasant Street, Village of Housatonic, Great Barrington, MA	**Project No.** G-581

Photo No. 4

Date: 8-28-12

Description:

Oil UST concrete pad, vent pipe, and sand pile on west side of site building from the southwest.

Tighe&Bond		PHOTOGRAPHIC LOG
Client Name: Town of Great Barrington	**Site Location:** 207 Pleasant Street, Village of Housatonic, Great Barrington, MA	**Project No.** G-581

Photo No. 5	**Date:** 8-28-12

Description:

Typical classroom.

Tighe&Bond		PHOTOGRAPHIC LOG
Client Name: Town of Great Barrington	**Site Location:** 207 Pleasant Street, Village of Housatonic, Great Barrington, MA	**Project No.** G-581

Photo No. 6	**Date:** 8-28-12

Description:

Restroom in basement with floor drain.

Tighe&Bond		PHOTOGRAPHIC LOG
Client Name: Town of Great Barrington	**Site Location:** 207 Pleasant Street, Village of Housatonic, Great Barrington, MA	**Project No.** G-581

Photo No. 7	**Date:** 8-28-12

Description:

Former cafeteria in basement.

Tighe&Bond		PHOTOGRAPHIC LOG
Client Name: Town of Great Barrington	**Site Location:** 207 Pleasant Street, Village of Housatonic, Great Barrington, MA	**Project No.** G-581

Photo No. 8	**Date:** 8-28-12

Description:

Minor staining beneath one of the two oil burners in basement.

Tighe&Bond	PHOTOGRAPHIC LOG	
Client Name: Town of Great Barrington	**Site Location:** 207 Pleasant Street, Village of Housatonic, Great Barrington, MA	**Project No.** G-581

Photo No. 9	**Date:** 8-28-12

Description:

Slop sink in basement with minor amounts of cleaning supplies.

Tighe&Bond	PHOTOGRAPHIC LOG	
Client Name: Town of Great Barrington	**Site Location:** 207 Pleasant Street, Village of Housatonic, Great Barrington, MA	**Project No.** G-581

Photo No. 10	**Date:** 8-28-12

Description:

Typical floor drain in basement.

PHASE I USER QUESTIONNAIRE

Site Property: 207 Pleasant Street,

Village of Housatonic, Great Barrington, Massachusetts

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

NO

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

NO

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

NO – Building was previous a school and school administrative offices.

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

N/A

(5.) *Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:*

(a.) Do you know the past uses of the property?

Building was used as a school and school administrative offices.

(b.) Do you know of specific chemicals that are present or once were present at the property?

(c.) Do you know of spills or other chemical releases that have taken place at the property?

NO

(d.) Do you know of any environmental cleanups that have taken place at the property?

NO

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

NO

This User Questionnaire was completed by

Name:	Joseph W. Sokul
Title:	DPW Superintendent
Organization:	Town of Great Barrington
Address:	334 Main Street
	Great Barrington, MA 01230
Phone Number:	

Signature: _____ Date: 8/30/2012

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APPENDIX F

TODD D. KIRTON, LSP

Senior Hydrogeologist

Todd Kirton has conducted a variety of environmental site assessments and hydrogeologic investigations for many private and municipal clients throughout New England over the past seventeen years. A Licensed Site Professional (LSP), his experience includes performing practical and innovative sampling and remediation activities at numerous release sites, EPA Brownfields sites, and municipal landfills, as well as preparing numerous technical reports in accordance with state and federal regulations. His experience also includes water source exploration and water use permitting for municipal and private clients.

Professional Experience

EPA Brownfields

- **Massachusetts Green High Performance Computing Center (MGHPCC)**: Serving as project manager for field assessment and cleanup services for the MGHPCC project in downtown Holyoke, MA. This project is a collaborative effort of the Governor's office, the Executive Office of Housing and Economic Development, the City of Holyoke, EMC, Cisco Systems, and five MA universities. Completed assessment of environmental impacts across the 9-acre site from former industrial operations. Assisted in the development of a remediation strategy that has included an in-situ treatment program, and completed numerous environmental compliance submittals to MassDEP with Project Team approval.

- **Former Elite Dry Cleaners**: Providing quality control and other project management services for a cleanup project involving a former dry cleaner site in downtown Jaffrey, NH that has impacted groundwater conditions beneath dozens of off-site properties.

- **Former Tannery Sites**: Serving as project manager for EPA-funded Brownfields cleanup projects involving former tannery sites in North Adams, MA and in Salem, MA.

Site Remediation

- **Former Wire Manufacturing Facility**: Conducted site assessment and follow-up cleanup of a former wire manufacturing and compressor assembly plant in Holyoke, MA. Cleanup involved the removal of soils impacted by elevated concentrations of metals, polynuclear aromatic hydrocarbons, and petroleum hydrocarbons within a drainage swale using a vactor unit to help minimize impacts to the banks of the swale and the surrounding Bordering Vegetated Wetland, and the removal of metals-impacted soils in the vicinity of a former acid pit adjacent to the building. The release was successfully closed out without the need for a deed restriction.

- **Emergency Response Services**: Provided emergency response services at numerous transformer oil release sites on behalf of utility companies. These have included assessment and cleanup oversight involving releases to storm drains, residential properties, wetlands, and other sensitive receptors, as well as preparation of closure reports to meet stringent deadlines.

Site Assessment/Hazardous Waste

- **Phase I ASTM Assessments**: Served as the Environmental Professional for numerous Phase I assessments conducted in accordance with ASTM Standards.

- **Comprehensive Assessments**: Designed and performed comprehensive assessments at numerous contaminated sites throughout Massachusetts, Connecticut, and Vermont. Larger projects included: a former foundry and metal working company where chlorinated solvents were released to groundwater and foundry waste sands were disposed in a former wetland area; a former tool manufacturing site where several thousand gallons of fuel oil were

historically released to the environment; and a public works facility where several drums of oil and/or hazardous materials were disposed adjacent to a wetland and partially within an old ash landfill.

- **Compliance Submittals**: Completed numerous compliance reports in accordance with Massachusetts Contingency Plan (MCP) requirements including Limited Removal Action reports, Immediate Response Action reports, Release Abatement Measure reports, Phase I/II/II/IV and Phase V Remedy Operation Status reports, and Response Action Outcome Statements as well as appropriate transmittals and permit applications.

Water Resources

- **Northfield Mount Hermon Campus**: Completed an evaluation of potential bedrock well locations for a private school campus in Gill, MA using USGS mapping and bedrock outcrop mapping in field. Supervised bedrock well installations and conducted a combined pumping test on the two wells (combined rate of 150 gallons per minute). Completed a New Source Approval Report for submittal to MassDEP, and received well permits.

- **Massachusetts Division of Ecological Restoration**: Completed evaluations of alternative water supply sources for replacing the use of dams at two locations win western Ma for MassDER. The damaged were extensively damaged by remnants of Tropical Storm Irene in August 2011.

- **Water Management Act Permitting**: Completed Water Management Act permit applications and obtained final water withdrawal permits from MassDEP for a proposed biomass facility, a golf course, and a ski resort in accordance with Massachusetts regulations. Provided written and oral testimony for a permit appeal hearing for the proposed biomass facility.

Solid Waste

- **Beneficial Use Determinations**: Completed BUD applications and received permits under the Massachusetts Landfill regulations for the proper on-site reuse of coated building materials for the MGHPCC site, the former Facemate facility in Chicopee, and a former apartment building complex in Boston.

- **Landfill Assessments**: Completed initial site assessment (ISA) and comprehensive site assessment (CSA) investigations and reporting for a former burn dump in Longmeadow, MA in accordance with landfill closure regulations. Also successfully performed a hydrogeologic study as part of an environmental impact study for the expansion of a landfill in Hardwick, MA, and performed ISA and CSA activities within limited budgets for former landfill sites in Holland, Goshen, and Cummington, MA.

Education and Certifications

- Bachelor of Science, Geology, University of Massachusetts Amherst
- 40-Hour OSHA HAZWOPER Training

Professional Affiliations

- National Groundwater Association
- Massachusetts Licensed Site Professional Association

Publications

1. Kirton, T.D. and P.G. Beaulieu. "Bioremediation of a Railroad Diesel Fuel Spill in Palmer, Massachusetts." *Contaminated Soils, Sediments and Water – Science in the Real World*, Volume 9, (Calabrese, Kostecki and Dragun, Eds.) New York, New York; Springer Science & Business Media, Inc., 2005.